



Through – Parivesh Portal

दूर की सोच

Ref: -PJL/ENV/2025-26/960

31st May, 2025

To,
Regional Director
Ministry of Environment & Forests and Climate Change
Regional Office, Western Region
Kendriya Paryavaran Bhavan
Link Road No. 3, E - 5, Ravi Shankar Nagar
Bhopal – 462016

Subject: Submission of Six Monthly Environment Clearance Compliance report for Prism Cement Limited – Integrated ECoF Unit-II & Limestone Mines (772.067 HA, 117.594 Ha and 99.416 Ha)

Reference: Environmental Clearance Letter No. F. J-11011/949/2007-IA. II(I), dated 22nd Sep 2008.

Dear Sir,

With reference to the above subject we are pleased to submit the six monthly Environment Clearance compliance report for the period October 2024 to March 2025 for EC granted vide your letter no. F. J-11011/949/2007-IA. II(I), dated 22nd Sep 2008, This report pertains to the compliance of condition stipulated the Environment clearance granted for the Integrated Prism Cement Unit –II and Limestone Mines (772.067 HA, 117.594 Ha and 99.416 Ha)

The compliance report has been prepared as per the stipulated conditions of the environmental clearance. All relevant supporting documents are enclosed herewith for your kind review and consideration.

We trust the report meets the necessary requirements and is in order.

Thank you.

Yours sincerely,
For Prism Johnson Limited

Manoj Kumar Kashyap

Vice President

Enclosures: As above

PRISM JOHNSON LIMITED

(Cement Division – Unit II)

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Registered Office: Prism Johnson Limited, 305, Laxmi Niwas Apartments, Ameerpet, Hyderabad - 500 016, India.
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CIN: L26942TG1992PLC014033

**Compliance Report with Regard to Environment clearance by MoEFandCC vide
letter no. J-11011/949/2007-IA-II(I) Date: 22.09.2008**

S.No.	Conditions	Compliance Status												
A. Specific Conditions:														
1.	The gaseous and particulate matter emissions from various units shall conform to the standards prescribed by the Madhya Pradesh Pollution Control Board. At no time, particulate emissions from the cement plant including kiln, coal mill, and cement mill, cooler and captive power plant(CPP) shall not exceed 50 mg/Nm3.	The gaseous and particulate matter emissions from various units conform to the standards prescribed by the Madhya Pradesh Pollution Control Board. The summary of the test reports along with comparison with standards is given in the table below and the test reports are enclosed as Annexure 1.												
	Continuous on-line monitors for particulate emissions shall be installed. Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit(s) is shut down automatically.	Continuous Ambient Air quality monitoring system for Ambient air quality monitoring and Continuous emission monitoring system for particulate emissions and gaseous emissions monitoring from various units, have been installed. <table><tr><th>Particular</th><th>Location</th></tr><tr><td>AAQMS1</td><td>Near Steel Yard</td></tr><tr><td>AAQMS2</td><td>Near Plant Main Gate</td></tr><tr><td>AAQMS3</td><td>2nd Band Mines</td></tr><tr><td>AAQMS4</td><td>Mines Solar</td></tr><tr><td>AAQMS5</td><td>Bagahai Mines</td></tr></table> Interlocking facility has been provided in the pollution control equipment so that in the event of the pollution control equipment didn't work the respective unit(s) will be shut down automatically. The monitored data is displayed at the main gate of the premises by the means of digital display board. Photographs of AAQMS, CEMS and display board is enclosed as Annexure 2.	Particular	Location	AAQMS1	Near Steel Yard	AAQMS2	Near Plant Main Gate	AAQMS3	2 nd Band Mines	AAQMS4	Mines Solar	AAQMS5	Bagahai Mines
Particular	Location													
AAQMS1	Near Steel Yard													
AAQMS2	Near Plant Main Gate													
AAQMS3	2 nd Band Mines													
AAQMS4	Mines Solar													
AAQMS5	Bagahai Mines													
2	Secondary fugitive emissions shall be controlled within the prescribed limits and regularly monitored Guidelines/Code of Practice issued by the CPCB in this regard should be followed. The company shall install adequate dust collection and extraction system to control fugitive dust emissions at material transfer points. Atomized water spray system with Reclaimer shall be installed in silo used for	The Fugitive dust emission is controlled and is well within prescribed limit. The test reports of NABL accredited Laboratory is enclosed as Annexure 3. M/s Vibrant Techno Lab Pvt. Ltd having NABL certificate no TC-11227 Dtd 20/12/2022 valid upto 19/12/2024 which has been renewed till 19/12/2028 and CPCB recognition Dtd. 16/12/2024. The copies of the certificates are enclosed as Annexure 3A. secondary fugitive monitoring is being undertaken by the project proponent in-house and the monitoring results are well within the prescribed limits of DISH. All the guidelines issued by the CPCB are being followed in this regard to minimize the secondary fugitive emissions. Bag house/Bag filters, ESP have been installed in the plant to arrest the dust emissions. Proper hood/skirt boards for the dust extraction system for the dust extraction system are installed at each material transfer points to control fugitive dust emissions at material transfer points. To control the dust emissions 121 numbers of bag filters												

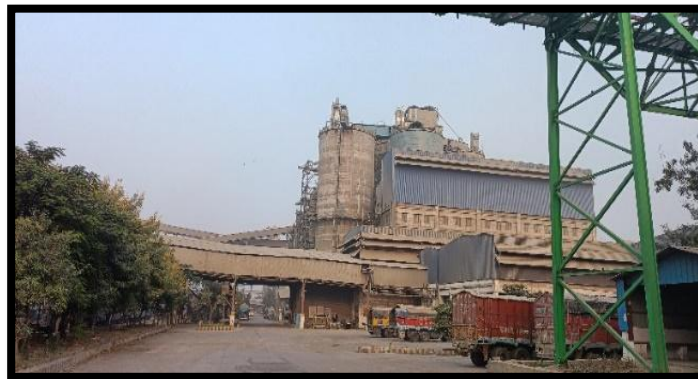
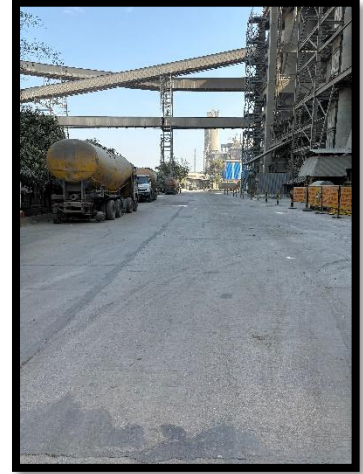
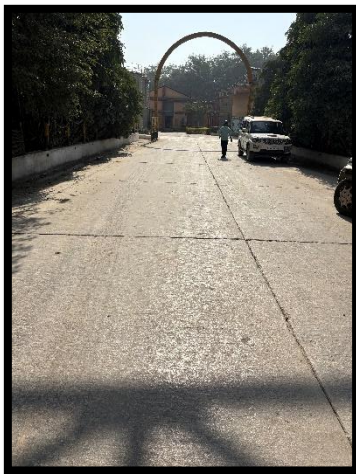
	the storage of ash. Covered conveyer belts shall be used to reduce fugitive emissions. Concreting of all the roads, water sprinkling system at limestone and coal handling area shall be ensured to reduce fugitive emissions	associated with the transfer points have been provided in the plant. Concrete roads are provided within the plant and colony. Water spray through tankers is done on bare lands and WBM roads for limestone and coal handling areas. Dense plantation on the periphery and within the plant and colony has been developed. Extensive plantation is done inside plant and mines. In addition to the above we have installed Atomized permanent water sprinklers and water spraying arrangement in the haul road. All the internal roads inside plant area are properly paved. Road sweeping machine is in place for cleaning if internal roads. (photographs of housekeeping attached in Annexure 3B). All the five packers in the cement packing section are connected with bag filters. Separate bag filters with proper dust extraction system has been installed for auxiliary circuit of each packages.
3	Ambient air quality including ambient noise levels shall not exceed the standards stipulated under EPA or by the State authorities.	Ambient air quality including ambient noise levels do not exceed the standards stipulated under EPA or by the State authorities. The parameters monitored during the period of April 24 to Mar'25 are found within the given stipulations. The results of analysis for AAQM and Noise are enclosed Annexure-4 and Annexure 5. and summary is given below:

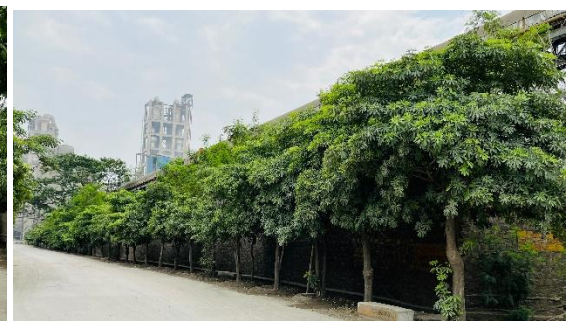
Summary of AAQ (Oct'24 to Mar'25)											
Month	Particular	PM 10	PM2.5	SO2	NOX	CO	PM 10	PM2.5	SO2	NOX	CO
		µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3
		Location -1 (guest house)					Location -2 (near stacker)				
monthly average (Oct'24 – Mar'25)	Min	51.91	25.08	12.22	20.65	BDL	54.77	28.43	13.93	23.04	BDL
	Max	54.82	30.15	13.71	23.54	BDL	59.68	33.35	15.03	25.91	BDL
	Average	53.23	26.80	12.92	22.24	BDL	57.04	29.71	14.41	24.41	BDL
	Particular	Location -3 (near admin building)					Location -4 (steel yard)				
	Min	54.63	27.63	12.77	21.22	BDL	53.91	25.48	11.49	19.11	BDL
	Max	58.44	31.61	13.70	23.61	BDL	56.12	32.16	14.23	23.80	BDL
	Average	56.40	29.06	13.35	22.64	BDL	54.90	27.65	12.40	21.26	BDL

Summary of AMBIENT NOISE LEVELS MONITORED (Oct'24 to Mar'25)							
Month	Location	Day Time Leq Value in dB(A)			Night Time Leq Value in dB(A)		
		Min	Max	Average	Min	Max	Average
monthly average (Oct'24 – Mar'25)	Near Stacker	55.2	60.05	57.86	50.95	52.77	51.69
	Near Guest house	50.9	57.37	54.85	46.72	51.05	49.22
	Near Steel Yard	51.02	61.27	54.68	47.65	53.22	49.28
	Near Admin Building	52.55	58.95	55.12	48.5	50.92	49.87

	Monitoring of ambient air quality and shall be carried-out regularly in consultation with MPPCB and data for air emissions shall be submitted to the CPCB and MPPCB regularly. The instruments used for ambient air quality monitoring shall be calibrated time to time.	Regular ambient air quality monitoring and noise level monitoring are done with the calibrated instruments. Ambient air quality and Ambient Noise levels does not exceed the standards stipulated under EPA or by the state authorities. Calibration certificates are attached at -Annexure no. 6
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4	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land.	M/s Prism Johnson Limited has developed well defined method to reduce the Impact of transport of raw material and product on the surrounding environment and over agricultural land. Raw materials and end products are being transported in trucks covered by the tarpaulin and bulkers to reduce the effects of fugitive emission on the surrounding environment and agriculture land. Raw materials and end products are transported within the plant premises with the help of closed conveyor belts to reduce impact of transport. Other measures adopted to reduce the impact of transport are as follows: 1. All the Roads inside the plant premises are concreted. 2. Water spraying with the help of water tanker is done in plant to control fugitive emission which can be caused by the movement of vehicles. 3. Raw materials and end products are transported within the plant premises with the help of closed conveyor belts to reduce impact of transport. 4. 121 No's Bag-filters have been installed to control fugitive emission. 5. Storage sheds are made to store material. 6. Dense plantation is done in Plant and Mines premises.
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Rail transport system has also been used which also help to reduce impact on the environment.



5.	Fly ash shall be utilized as per the provisions of Fly Ash Notification-1999, subsequently amended in 2003. Fly ash shall be stored in ash silo and 100% used in the cement manufacturing	Fly ash is being utilized as per the provisions of Fly Ash Notification 1999, subsequently amended in 2003. Fly ash is being transported by the means of closed bulkers and it is stored in Silos and 100 % fly ash is used in cement manufacturing. Consumption of fly ash is as follows: <table><tr><th colspan="2">Yearly Fly Ash Consumption</th></tr><tr><th>Year Qty</th><th>(MT)</th></tr><tr><td>2014-2015</td><td>907848</td></tr><tr><td>2015-2016</td><td>848939</td></tr><tr><td>2016-2017</td><td>810908</td></tr><tr><td>2017-2018</td><td>701922</td></tr><tr><td>2018-2019</td><td>855770</td></tr><tr><td>2019-2020</td><td>808392</td></tr><tr><td>2020-2021</td><td>906630</td></tr><tr><td>2021-2022</td><td>795176</td></tr><tr><td>2022-2023</td><td>923068</td></tr><tr><td>2023-2024</td><td>1010363</td></tr><tr><td>2024-2025</td><td>961246</td></tr></table>	Yearly Fly Ash Consumption		Year Qty	(MT)	2014-2015	907848	2015-2016	848939	2016-2017	810908	2017-2018	701922	2018-2019	855770	2019-2020	808392	2020-2021	906630	2021-2022	795176	2022-2023	923068	2023-2024	1010363	2024-2025	961246
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6.	The company shall make the efforts to utilize the high calorific hazardous waste in the cement kiln and necessary provisions shall be made accordingly. The company shall keep the record of the waste utilized and shall submit the details to Ministry’s Regional Office at Bhopal, CPCB and SPCB.	Permission for utilization of High calorific hazardous waste in the cement kiln has been taken. Copy of same is enclosed as Annexure 07. Record of the waste utilized is being maintained and is submitted to the Ministry’s Regional Office at Bhopal, CPCB and SPCB. Details of hazardous waste used in (Apr’24-Mar’25) is as under: <table><tr><th>Category</th><th>Waste Type</th><th>Total (MT)</th></tr><tr><td>I-28-28.6</td><td>Spent Solvent</td><td>27.34</td></tr><tr><td>Waste Mix Liquid</td><td>Waste Mix Liquid</td><td>3648.245</td></tr><tr><td>Waste Mix Solid</td><td>Waste Mix Solid</td><td>808.57</td></tr><tr><td colspan="2">Grand Total (MT)</td><td>4484.155</td></tr></table>	Category	Waste Type	Total (MT)	I-28-28.6	Spent Solvent	27.34	Waste Mix Liquid	Waste Mix Liquid	3648.245	Waste Mix Solid	Waste Mix Solid	808.57	Grand Total (MT)		4484.155											
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7.	Total water requirement shall not exceed 2500 m3/day.	Total per day water consumption for industrial purpose 410.68 m³/day, water usage for domestic purpose in new colony is 259.24 m³/day and usage for horticulture is 263.46 m³/day (this water generated is treated with the help of STP having capacity of 600 KLD and the treated water is being used for the development of green belt). The water consumption figures of the last six month is summarized below: <table><tr><th>Month</th><th>Unit-II</th><th>Colony</th><th>STP water recycled</th></tr><tr><td>Oct'24</td><td>14059</td><td>9299</td><td>10537</td></tr><tr><td>Nov'24</td><td>10733</td><td>8222</td><td>7382</td></tr><tr><td>Dec'24</td><td>1369</td><td>8618</td><td>5597</td></tr><tr><td>Jan'25</td><td>13014</td><td>8931</td><td>5365</td></tr><tr><td>Feb'25</td><td>16723</td><td>5718</td><td>9073</td></tr><tr><td>March'25</td><td>18846</td><td>6394</td><td>9996</td></tr><tr><td>Total (KL)</td><td>74744</td><td>47182</td><td>47950</td></tr><tr><td>per day average (KL)</td><td>410.68</td><td>259.24</td><td>263.46</td></tr></table>	Month	Unit-II	Colony	STP water recycled	Oct'24	14059	9299	10537	Nov'24	10733	8222	7382	Dec'24	1369	8618	5597	Jan'25	13014	8931	5365	Feb'25	16723	5718	9073	March'25	18846	6394	9996	Total (KL)	74744	47182	47950	per day average (KL)	410.68	259.24	263.46
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The treated wastewater from STP and utilities shall be reutilized for green belt development and other plant related activities i.e. Cooling and dust suppression in raw material handling area etc., after necessary treatment. ‘Zero’ discharge shall be strictly adopted and no effluent from the process shall be discharged outside the premises.	STP of capacity 600 KLD has been installed to treat the domestic waste water generated and the treated waste water is being utilized for green belt development, dust suppression and cooling and the sludge waste so generated from the sewage treatment plant is used as manure in plantation. No effluent discharge from the plant premises is there and has maintained the Zero discharge. The analysis of STP outlet water is done by M/s Vibrant Techno Lab Pvt. Ltd having NABL certificate no TC-11227 Dtd 20/12/2022 valid upto 19/12/2024 which has been renewed till 19/12/2028 and CPCB recognition Dtd. 16/12/2024. The copies of the certificates are enclosed as Annexure 3A. Analysis of treated water is enclosed as Annexure 8.
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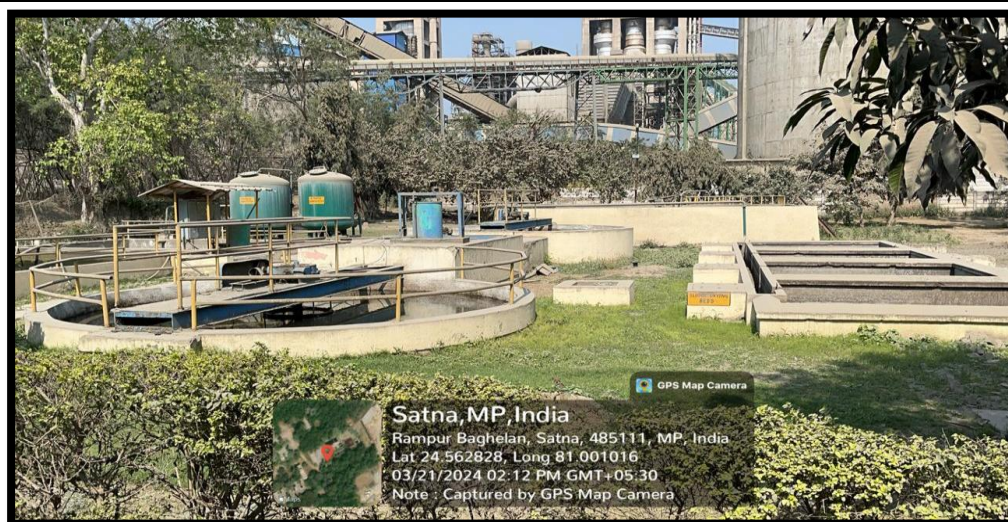
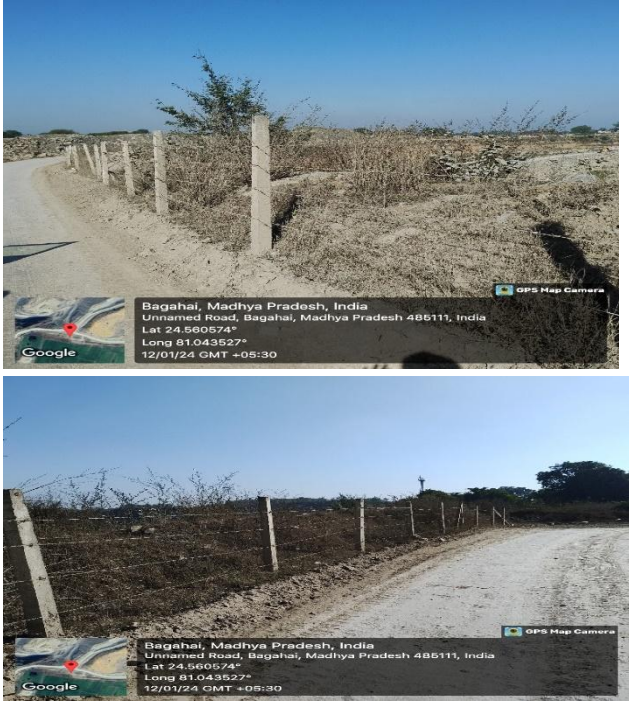


Figure: Sewage Treatment Plant

8	Rainwater harvesting measures shall be adopted for the augmentation of ground water at cement plant, colony and mine site.	Rain water harvesting measures have been implemented in plant premises as well in Mines and nearby villages. Details of water harvesting measures are mentioned below: 1. Water harvesting pond of capacity 13 Lac m³ has been constructed in Mines area. 2. There are 12 Nos of Roof top rain water harvesting structures in plant premises listed below: • MRSS building • Project Office building • School Building. • Cement Mill Unit II Load Center • Cooler load Center of Unit I • Cooler load Center of Unit II • Store building. • New security barrack • Duratech shed • Packing plant Unit-1 • Packing plant Unit-2 • Mines workshop 3. Recharge Bore Hole for Recharging the Ground Water - 22 Nos. 4. Deepening of Ponds at Mankahari and Bamhauri village with Hume pipe and ground water recharge system. 5. Construction of water reservoir at Baghai village for water conservation. 6. In the FY24-25 two new rain water harvesting structure constructed at Colony Cafeteria and Behind B-Type. (photographs attached). Photographs of rain water Harvesting Structure is enclosed as Annexure 09.
	Besides, company must also harvest the rain water from the roof tops and storm water drains to recharge the ground water	There are 12 Nos of Roof top rain water harvesting structures in plant premises These are: 1. MRSS building 2. Project Office building 3. School Building. 4. Cement Mill Unit II Load Center 5. Cooler load Center of Unit I 6. Cooler load Center of Unit II 7. Store building. 8. New security barrack 9. Duratech shed 10. Packing plant Unit-1 11. Packing plant Unit-2 12. Mines workshop 3 More RWH structures are under progress. Filters have been installed at roof top drain so as to filter out the dust, grits solid contents into bore-wells.
	The company must also collect rain water in the mined out pits of captive lime stone mine and use the same water for the various activities of the project to avoid fresh water requirement.	The company collects rain water in the mined out pits of captive lime stone mine and use the same water for the various activities. The water is used for various activities i.e. spraying On haul roads, crusher hopper, green belt development etc. Rain water harvesting pond with capacity of 13 lac m³ has been developed and the harvested water is used for various purpose which helps conservation of fresh ground

		water.
	The company shall construct the rain water harvesting and ground water recharge structures outside the plant premises also in consultation with local gram panchayat and Village heads to augment the ground water level. An action plan shall be submitted to Ministry's Regional Office at Bhopal within 3months from date of issue of this letter.	Rain water Harvesting structures have been measures have been implemented in nearby villages are also. Some of them are as follows: 1. Deepening of Ponds at Mankahari and Bamhauri village with Hume pipe and ground water recharge system. 2. Construction of water reservoir at Baghai village for water conservation. Ground water recharge structure along with recharge details is enclosed as Annexure 10.
9.	The project proponent shall modify the mine plan of the project at the time of seeking approval for the next mining scheme from the Indian Bureau of Mines so as to reduce the area for external over burden dump by suitably increasing the height of the dumps with proper terracing. It shall be ensured that the overall slope of the dump does not exceed 28°.	We have obtained approval of further Schemes of mining for the leases of PCL as follows: 1. 772.067 ha (Hinauti and Sijahata) vide IBM letter no MP/Satna/ Limestone/RMP-39/2019-20 Dt.31.03.2020, 2. 99.416 ha (Hinauti and Sijahata) vide IBM letter no MP/Satna/ Limestone/RMP-44/17-18Dt. 27.04.2017 3. 512.317ha (Baghai) vide IBM letter no MP/Satna/Limestone/RMP57/2020-21 Dt.09.04.2021 and 4. 117.594 ha (Mendhi) vide IBM letter no MP/Satna/ Limestone M.Sch-6/16-1 Dt. 04.11.2016 by the Indian Bureau of Mines. Copy of approval letter is enclosed as Annexure 11. Dump height and slope has been maintained as per guidelines. The details are enclosed as Annexure 12.
10	Top soil if any, shall be stacked with proper slope at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of mined out areas.	Top soil generated during mining is stacked separately and used for reclamation of mined out area by spreading it over the waste rock after backfilling. The top soil is being used as per the approved Scheme of Mining for rehabilitation purposes. The soil dumps are adequately protected by plantation to control soil erosion and maintain soil fertility. 
11	The project proponent shall ensure that no natural water course shall be obstructed due to any mining and plant operations	The Surface water bodies in area are observed as Tamas River which is adjacent to the Hinauti and Sijhata Limestone Mine in North direction. The Magardaha nalla is located outside the lease area in the western side. Magardaha nalla ultimately joins the Tamas River. NarNala falls outside the lease area and flanks the Baghai mining lease from the western side. No natural water course is obstructed due to mining and plant operations. The company is taking following measures for Protection of the Tamas River, Magardaha Nala and NarNala (natural water course) which is adjacent to the Hinouti Sijhata and Baghai Limestone Mine in North East and west direction respectively. • Solid barrier of minimum 60 m width has been made from the river bank to avoid the flow of surface run

		off to the River. • Garland drains made along the slope of dumps. • Rain water is channelized to a Settling Tank to eliminatesilting of river and then discharged in natural drainage course. • Plantation has been done all along inside safety barrier of Tamas River. • Proper landscape has been developed near the River bank toavoid erosion. There is no proposal for diversion/obstruction/ modification of anynatural water course during mining activity.
	The company shall make the plan for protection of the natural water course passing nearby mine area and submit to the Ministry's Regional Office at Bhopal.	The proposal for natural water course protection passing nearby mines area is submitted. Copy is enclosed as Annexure 13 .
12	The inter burden and other waste generated shall be stacked at earmarked dump site(s) only and should not be kept active for long period.	The inter burden and waste generated during mining has been stacked at earmarked dump site as per approved mining plan. Dumps have been stabilized simultaneously by planting local species and bushes i.e. Bouganvillea, karanj, Alstonia, Neem etc. In FY 2024-25 total 25,250 number of plantation has been done in Mines area and 10016 no. of plantation has been done in plant and colony premises. In addition to the above under CSR activities, 5200 number of plantation done in nearby village area. As on date the plant and colony premises have been vegetated with the area more than 34% of the total area. Total 25.33acre area has been developed as green lawn and 79.82acre area has been covered with variety of tree plantation of local varieties.
		
	The total height of the dumps shall not exceed 30 m in three terraces of 10 m each and the overall slope of the dump shall be maintained to 28. The inter burden dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off.	The total height of the dumps is not exceeding then 30 m and the slope of the dumps are maintained at 28^o. Details regarding dumps is enclosed as Annexure 12.
	Monitoring and management of rehabilitated areas should continue until the vegetation becomes self- sustaining.	Monitoring and management of rehabilitated areas will becontinued until the vegetation becomes self-sustaining.

	Compliance status should be submitted to the Ministry of Environment and Forests and its Regional Office, Bhopal on six monthly bases.	Compliance status is submitted on regular basis to Ministry of Environment and Forests and its Regional Office, Bhopal. Last EC Compliance was submitted vide letter no. PJL/ENV/2024/888 dated 30.11.24.
13	The void left unfilled shall be converted into water body.	Agreed. A Rain water harvesting reservoir has been already developed which is having capacity of 13 lakh Cubic meter. The accumulated water is used for industrial purpose at mine and cement plant. Proper landscaping is done around the water body.
	The higher benches of excavated void/mining pit shall be terraced and plantation to be done to stabilize the slopes. The slope of higher benches shall be made gentler for easy accessibility by local people to use the water body.	Mined out pit has been terraced and the gentle slope is stabled and planted with adequate vegetation of local species.
	Peripheral fencing shall be carried out along the excavated area.	Fencing is being done around the periphery of Mines excavated area. 
14	Catch drains and siltation ponds of appropriate size should be constructed for the working pit, inter-burden and mineral dumps to arrest flow of silt and sediment.	Approximately 720 m. of Catch drains along dumps and 02 siltation ponds of appropriate size have been constructed. The catch drains are for inter-burden and Mineral dumps to arrest flow of silt and sediment. Garland drain along lease boundaries of 3.0 Km (cumulative in two locations) has been constructed. Check dams have been made at regular intervals in garland drains to hinder the flow of rain water and to arrest the silt.



		
		
	The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly de-silted, particularly after monsoon, and maintained properly.	Complying with. The water so collected is being utilized for watering of Mine area, Green belt development etc. The drains are regularly de- silted, particularly after monsoon, and maintained properly.
15	Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and inter-burden dumps and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and de-silted at regular intervals.	Garland drain having dimension of cumulative length of 3.0 Km, a width of 2.0 to 3 meters and depth of 0.75 to 1.2 meter. It is having appropriate gradient following Natural contour. Sump size of length 25m x width 15m and depth 4m. has been constructed along the garland drain. One additional siltation ponds has been constructed. It is having a capacity of 50% safety margin to accommodate over and above peak sudden rainfall and maximum Discharge in the area. Garland drains and de-siltation ponds are de-silted at regular intervals, especially after monsoon.
16	Dimension of the retaining wall at the toe of inter-burden dumps and inter-burden benches within the mine to check run-off and siltation should be based on the rain fall data.	Retaining walls and siltation and toe drains are maintained to check runoff and siltation.
17	Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers at suitable	Regular monitoring of ground water level and quality is being carried out by the means of constructed Piezometers at the site in and around Project area. Frequency of monitoring is four times a year- pre-monsoon

	locations by the project proponent in and around project area in consultation with Regional Director, Central Ground Water Board. The frequency of monitoring should be four times a year- pre-monsoon (April / May), monsoon (August), post monsoon (November), and winter (January). Data thus collected shall be sent at regular intervals to Ministry of Environment and Forests and its Regional Office at Bangalore, Central GroundWater Authority and Central Ground Water Board.	(April / May), monsoon (August), post monsoon (November) and winter (January). The monitoring results for Ground Water Quality and water level is being submitted to the MoEF, New Delhi, Regional Office of MoEF, Bhopal, Central Ground Water Authority, New Delhi, Central Ground Water Board, Bhopal on regular basis. Analysis report is enclosed as Annexure 14(a)and(b).
18	Blasting operation should be carried out only during the daytime.	Complying with. Blasting operations are carried out during the day time only.
	Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders shall be implemented	Controlled blasting is carried out according to the recommendation of Central Institute of Mining and Fuel Research. The salient recommendations are given below: • The AOP has been recorded within prescribed limits All the recorded data (blast vibrations, air overpressures and fly rocks) were well within the safe limit at the houses/structures concerned. The dominant peak frequencies of ground vibrations were in the range of 11.4 to 129 Hz. FFT analysis of blast vibration frequencies confirmed that concentration of frequencies is in band of 13.3-40.3 Hz. So, the safe level of vibration has been taken as 10 mm/s for the safety of houses/structures of the surrounding villages as per DGMS standard. • Propagation equation for the prediction of blast vibration has been established and is given as Equation 1. The permissible explosive weight per delay may be computed from the Equation to contain vibration within safe limits for distances of houses/ structures concerned. For convenience, the recommended explosives weight per delay has been computed and is given in Table A3. • The delay interval between the holes in a row should be 17 ms whereas between the rows, it should be 65 ms or more depending upon the number of rows and effective burden. If the numbers of rows are more than two, the delay interval between rows should be increased by 15% in successive rows. • It is recommended that the existing Nonel initiation system should be continued in the Blasting operations and Electronic initiation systems should be practiced on the benches near to the structures for more precise and accurate delay design. The sub-grade drilling should be 0.3 to 0.5 m for a blast hole depth of 6 to 7 m and should be initiated from the Bottom of the hole. • It is advisable to use blasting mate with sand bags in sensitive area to ensure any non ejection of fly rocks. For this Nonel as well as electronic system may be used as an Initiation system. Each blast is monitored for vibrations with Minimate and Noise seismographs.

			
		Vibration report is enclosed as Annexure 15 .	
19	The project proponent shall adopt wet drilling.	Complying with Regular wet drilling is practiced. 	
20	As proposed, green belt should be developed in 33% in and around the plant as per the CPCB guidelines.	In FY 2024-25 total 25250 number of plantation has been done in Mines area and 10016 number of plantation has been done in plant and colony premises. In addition to the above under CSR activities, 5200 number of plantation done in nearby village area.	
21	All the recommendations of the Corporate Responsibility for Environmental Protection (CREP) shall be strictly followed.	Action Plan Cement Plant, which are not complying with notified standards shall do the following to meet the standards. Augmentation of existing Air Pollution Control Devices: by July 2003 Replacement of existing Air Pollution Control devices : by July 2003. Cement plants located in the critically polluted or urban areas (including 5 Km distance outside urban boundary) will meet 100 Mg/Nm³ limit of particulate matter by December 2004 and continue working to reduce the emission of the particulate to 50 mg/Nm³. The new cement kilns to be accorded NOC/	Compliance status Complied with. Complied with. We are achieving the PM emission norms within 30 mg/Nm³. Complied.

		Environmental Clearance w.e.f 01.04.2003 will meet the limit of 30mg/Nm ³ for particulate matter emissions.	
		CPCB will evolve load based standards by December 2003.	
		CPCB and NCBM will evolve SO ₂ and NO _x emission standards by June 2004	Not applicable.
		The cement industries will control fugitive emissions from all the raw material and products storage and transfer points by December 2003. However, the feasibility for the control of fugitive emissions from limestone and coal storage areas will be decided by the National Task Force (NTF). The NTF shall submit its recommendations within three months.	Complied Bag Filters installed at all Material transfer points, Water spraying regularly on haul roads. 
		CPCB, NCBM, BIS and Oil refineries will jointly prepare the policy on use of petroleum coke as fuel in cement kiln by July 2003	We are using pet coke.
		After performance evaluation of various types of continuous monitoring equipment and feedback from the industries and equipment manufacturers, NTF will decide feasible unit operations/sections for installation of continuous monitoring equipment. The industry will install the continuous monitoring systems (CMS) by December 2003.	Installed continuous monitoring systems (CEMS) in all process stack.
		Trippings in kiln ESP to be minimized by July 2003 as per the recommendation of NTF	Complied.
		Industries will submit the target date to enhance the utilization of waste material by April 2003.	We are using the AFR waste material in our kiln.
		NCBM will carry out a study on hazardous waste utilization in cement kiln by December 2003	Not Applicable
		Cement industries will carry out feasibility study and	Agreed.

		submit target dates to CPCB for co-generation of power by July 2003	
22	Vehicular emissions should be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The vehicles should be covered with a tarpaulin and shall not be overloaded.	Vehicular emission is kept under control. Regular maintenance of all vehicles is done as per manufacturer's maintenance schedule i.e. changing of timely diesel filters, calibration of Fuel pump, overhauling of engines etc. No vehicle without valid PUC is allowed inside the plant and mines area. The vehicles engaged in transportation of minerals outside the core zone are provided with tarpaulin and no overloading is allowed.	
23	Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment and Forests and its Regional Office, Bhopal	Complying with. The Digital processing is being carried out once in every three years. Digital processing report of entire lease area using remote sensing technique is being done and copy of same has been submitted to MoEF and CC and its Regional office. Copy is enclosed as Annexure 16.	
24	A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment and Forests 5 years in advance of final mine closure, for approval.	The details of the Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment and Forests as desired. Rule No 24(1) of MCDR 2017, which deals with final mine closure plan, mandates the Lessee to get the final mine closure plan approved from Indian Bureau of Mines 2 years in advance of the final mine closure. We as PP will adhere to the requirement of the said Rule.	
25	The company shall comply with all the commitments made during public hearing on 22 nd May, 2008.	Adhering to the given condition we will strictly Comply with all the commitments made during public hearing on 22 nd May, 2008. The public hearing comments are enclosed as Annexure 17 . The Company is fully committed in implementing all the commitments. Playgrounds are being developed in all nearby villages. Toilets roads etc. are being constructed. Significant work has been carried out in health care infrastructure development Education, vocational training, etc. few photographs in respect of the compliances undertaken are being attached.	
B. General Condition:			
1	The project authority shall adhere to the stipulations made by State Pollution Control Board (SPCB) and State Government.	Cement plant and all the mining operation are carried out with valid consent under air and water act issued by SPCB. The copy of consent is enclosed as Annexure-18 .	
2	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry	Agreed, Total production of cement is well within the stipulated annual limits stipulated by MOEFCC, further expansion or modification will be carried only after obtaining the permission from Ministry.	
3	At least four ambient air quality monitoring stations shall be established in the down wind direction as well as where maximum ground level concentration of SPM, SO ₂ and NO _x are anticipated in consultation with the SPCB	We have established 05 nos. of AAQ monitoring stations in and around the plant and mines as mentioned in condition number 03 under specific condition for monitoring of ambient air quality of the area. Ambient air quality and stack emission is regularly monitored and reports are submitted to the MoEF / SPCB and CPCB. Ambient air Quality reports	

		are enclosed as Annexure-4 Stack emission reports are enclosed as Annexure-1 .
	Data on ambient air quality and stack emissions shall be regularly submitted to this Ministry including its Regional Office and SPCB /CPCB once in six months.	Complying with. Data on ambient air quality and stack emissions are being regularly submitted to state PCB. Latest copy attached in Annexure 19 .
4	Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under GSR 422(E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.	No industrial wastewater is generated as the cement plant is operated on dry process. For domestic wastewater, there is a sewage treatment plant with capacity of 600 KLD.  Contaminated water generated due to washing of equipment is passed through grease and oil trap tank having separation chambers and pumping arrangement. A state of the art ceramic membrane based automated Oil and Grease trapping unit with 5KLD capacity is installed for separation of oil and grease particles from water, prime mover has been provided. The oil and grease is skimmed and kept in sealed barrels for further disposal to authorized vendors. The strained out water left in the tank is stored in tanks, and is re-used for washing of HEMM. Detailed Report of treated effluent by NABL and MOEF accredited lab is attached. The analysis is done by M/s Vibrant Techno Lab Pvt. Ltd having NABL certificate no TC-11227 Dtd 20/12/2022 valid upto 19/12/2024 which has been renewed till 19/12/2028 and CPCB recognition Dtd. 16/12/2024. 

			
			STP treated water analysis report is enclosed as Annexure 8. Mines workshop treated water Analysis Report is enclosed as Annexure 20.
5	The overall noise levels in and around the plant area shall be kept well within the standards [85 dB(A)] by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	The overall noise level is within threshold limit of 85 dB(A). To arrest the noise levels all equipment are equipped with acoustic hoods, silencer, enclosures etc. besides that operators have been provided with PPE. Green belt is developed along the plant and mining area to minimize the noise pollution.	
	The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dB(A) (day time) and 70 dB(A) (night time).	Ambient Noise levels are maintained well within the prescribed norms under Environmental (Protection) Act, 1986 Rules, 1989. Noise Monitoring report is enclosed as Annexure 5.	
	Proper housekeeping and adequate occupational health programs shall be taken up. Occupational Health Surveillance programme shall be done on a regular basis and records for at least 30-40 years. The programme shall include lung function and sputum analysis maintained properly tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc	We have already conducted various health surveillance programs whose records are maintained properly. Also sufficient preventive measures are adopted during the plant and mining operation to avoid direct exposure to dust etc. Occupational Health Survey (OHS) a) Periodical Medical Examinations are conducted of each employee by outside specialists once in every 5 years. Under this scheme each employee undergoes Pathological tests, blood group test, chest X-Rays, Audiometry tests, eye test etc. once every 5 years. Proper records of such tests are maintained. Not a single case of any occupational disease has so far been detected in our mines/plant. – Sample medical examination note is displayed. b) Welfare Amenities: A well-equipped Dispensary has been provided with	

		Provision of Ambulance, Pathological Laboratory and X-Ray, and Audiometry etc. OHC reports are enclosed as Annexure 21.																		
8	The company shall undertake eco-development measures including community welfare measures in the project area.	Various programs per training to eco development and community welfare has been taken up by the company. Various Social, educational, healthcare and environment initiative have been taken by the company. Details of CSR Activities of year 2024-25 are enclosed as Annexure 22.																		
9	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/ EMP.	We are strictly adhering with the environment protection measures as stipulated in approved EMP of mines e.g. Summarized measures of EMP are mentioned below:- Check List of EMP compliance AIR QUALITY MANAGEMENT: ✓ Bag house/Bag filters, ESP have been installed in the plant to arrest the dust emissions. Following are the details of APCE installed with its respective units <table border="1"> <thead> <tr> <th>Sr No</th><th>Location</th><th>Name of APCE</th></tr> </thead> <tbody> <tr> <td>1</td><td>Raw Mill / Kiln</td><td>RABH</td></tr> <tr> <td>2</td><td>Coal Mill</td><td>Bag House</td></tr> <tr> <td>3</td><td>Cement Mill 1</td><td>Bag House</td></tr> <tr> <td>4</td><td>Cement Mill 2</td><td>Bag House</td></tr> <tr> <td>5</td><td>Clinker Cooler</td><td>ESP</td></tr> </tbody> </table> ✓ To control the dust emissions 121 numbers of bag filters associated with the transfer points have been provided in the plant. ✓ Dry fly ash is pneumatically unloaded in completely closed manner and stored into fly ash silo from closed bulkers containing fly ash ✓ Material transportation is also done in completely closed manner. ✓ All the internal roads are paved to control the fugitive dust generation due to vehicular movement ✓ Material transportation is done in completely closed manner. Belt conveyors are covered to mitigate the fugitive dust generation. ✓ Coal and other raw materials are stored in covered sheds ✓ Water sprinkling is done at crusher dump hopper and belt conveyor from crusher to stacker ✓ All the transfer points are connected with bag filters. ✓ Water sprinkling is being done on haul roads in Plant and mines area through dedicated water tankers. ✓ Wet drilling is practiced to control fugitive dust emission ✓ Preparing face with dozer before blasting. ✓ Steaming is done by coarse material to avoid fine dust emission. ✓ Hole to hole delayed blasting is adopted. ✓ Water spray is done while loading of limestone on dumpers and also water sprinkling is done at crusher dump hopper. ✓ Optimum loading of vehicles used in transportation of	Sr No	Location	Name of APCE	1	Raw Mill / Kiln	RABH	2	Coal Mill	Bag House	3	Cement Mill 1	Bag House	4	Cement Mill 2	Bag House	5	Clinker Cooler	ESP
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		limestone from quarry to crusher. ✓ Water sprinkling on haul road. ✓ Vehicles having valid PUC certificate are only allowed to ply inside mines premises. ✓ Water spray system has been installed at crusher dump hopper. ✓ Bag filters of 50000 M3 capacity have been installed at both the crushers. ✓ Dense canopy plantation is in practice. ✓ Around 41766 saplings have been commonly planted during 2024-25 in all the plant colony and mines including CSR of the company. NOISE and GROUND VIBRATION MANAGEMENT: ✓ Regular maintenance and lubrication of machinerie. ✓ Personnel engaged in heavy noise area are equipped with all required PPEs . ✓ Ambient noise level is regularly monitored. WATER MANAGEMENT: ✓ Water reservoir of capacity 13 Lac M³ has been made in mines area. Rain water collected into other abandoned mines pit and working mines is pumped into main water reservoir. This reservoir serves as main recharge source for the area. ✓ Rain water is channelized to a Settling Tank to eliminate silting of water body. ✓ Surface water quality in mines area is monitored and the report is submitted regularly. ✓ Ground water level and quality of plant and mines area are monitored and the report is submitted regularly. ✓ Rain water accumulated in mine pits is used for plant operation, to reduce the ground water consumption. ✓ No process waste is generated from plant and mines. For treatment of domestic waste water of colony a Sewage treatment plant of 600 KLD capacity is established. Treated waste water of STP is utilized for gardening purpose. ✓ Contaminated water generated due to washing of equipment is passed though grease and oil trap tank having separation chambers and pumping arrangement. For separation of oil and grease particles from water, prime mover has been provided. The oil and grease is skimmed and kept in sealed barrels for further disposal to authorized vendors. SOLID WASTE MANAGEMENT: ✓ Soil and waste rock generated from mines is stacked separately at earmarked sites and used for back filling and rehabilitation of back filled area. ✓ Biomass generated from dressing of lawns and trimming of plants inside plant and mines is burnt in kiln after its is dried. ✓ Plastic waste (as wrapping material, discarded tarpaulin etc and collected from municipal area) having high calorific values is also burnt in kiln ✓ Solid waste generated in plant is collected at designated locations and disposed of scientifically.
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		GREEN BELT DEVELOPMENT ✓ More than 34% area in and around the plant is covered with dense plantation. In addition to the above, plantations are also undertaken in the mining lease areas in accordance with the approved mining plan.																																						
10	Environmental Management Cell has to be established to carry out functions relating to environmental management action plans. The head of the cell should directly report to the Chief Executive	The EMC cell is working for development related to functions relating to environmental management action plans. The professional manpower with due qualifications are working for the functions relating to environment management. Environment Cell Structure is enclosed as Annexure-23 Environmental Management Cell is functioning effectively, Structure of which is as follows:																																						
11	The capital cost and recurring cost annum earmarked for environmental protection equipments shall be Rs. 115 Crores and Rs.3.20 Crores to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. Time bound implementation schedule for implementing all the conditions stipulated herein shall be submitted. The funds so provided shall not be diverted for any other purpose.	Complying with the condition, the capital cost and the recurring cost earmarked for environmental protection are not diverted for any other purpose. The capital cost and recurring cost annum earmarked for environmental protection is common for PCL. Year Wise Recurring Expenditure for Environmental Management is enclosed as Annexure 24.																																						
12	The Regional Office of this Ministry / CPCB / SPCB shall monitor the stipulated conditions. The project authorities shall extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly	Agreed. Full cooperation shall be provided to the officer(s) of the Regional Officer in furnishing the requisite data/ information/ monitoring reports. Six monthly compliance report and the monitored data is being submitted to Regional Office of the Ministry / CPCB / SPCB regularly. Last compliance report was submitted vide letter no-. PJL/ENV/2024/888 Dated 30.11.2024. Six monthly compliance and monitored data are submitted regularly. Details are given below: <table border="1"> <thead> <tr> <th rowspan="2">Year</th><th colspan="2">Leases integrated with U-II</th></tr> <tr> <th>Dispatch no.</th><th>Date</th></tr> </thead> <tbody> <tr> <td>2010</td><td>PCL/ENV/2012/119</td><td>29.12.2011</td></tr> <tr> <td rowspan="2">2011</td><td>PCL/ENV/2012/87</td><td>16.07.2012</td></tr> <tr> <td>PCL/ENV/2013/12</td><td>08.01.2013</td></tr> <tr> <td rowspan="2">2012</td><td>PCL/ENV/2013/66</td><td>16.05.2013</td></tr> <tr> <td>PCL/ENV/2013/01</td><td>04.01.2014</td></tr> <tr> <td rowspan="2">2013</td><td>PCL/ENV/2014/82</td><td>14.07.2014</td></tr> <tr> <td>PCL/ENV/2015/19</td><td>17.03.2015</td></tr> <tr> <td rowspan="2">2015</td><td>PCL/ENV/2018/81</td><td>02.09.2015</td></tr> <tr> <td>PCL/ENV/2016/18</td><td>04.03.2016</td></tr> <tr> <td rowspan="2">2016</td><td>PCL/ENV/2016/92</td><td>28.09.2016</td></tr> <tr> <td>PCL/ENV/2017/26</td><td>07.03.2017</td></tr> <tr> <td rowspan="2">2017</td><td>PCL/ENV/2017/67</td><td>14.08.2017</td></tr> <tr> <td>PCL/ENV/2017/67</td><td>10.03.2018</td></tr> </tbody> </table>	Year	Leases integrated with U-II		Dispatch no.	Date	2010	PCL/ENV/2012/119	29.12.2011	2011	PCL/ENV/2012/87	16.07.2012	PCL/ENV/2013/12	08.01.2013	2012	PCL/ENV/2013/66	16.05.2013	PCL/ENV/2013/01	04.01.2014	2013	PCL/ENV/2014/82	14.07.2014	PCL/ENV/2015/19	17.03.2015	2015	PCL/ENV/2018/81	02.09.2015	PCL/ENV/2016/18	04.03.2016	2016	PCL/ENV/2016/92	28.09.2016	PCL/ENV/2017/26	07.03.2017	2017	PCL/ENV/2017/67	14.08.2017	PCL/ENV/2017/67	10.03.2018
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13	The Project Authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	The copy of the intimation of the financial closure Of the project is enclosed as Annexure-25 .																																				
14	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment and Forests. No change in the calendar plan including excavation, quantum of limestone and waste shall be made.	Agreed. There will not be any change in the calendar plan including excavation, quantum of limestone and waste shall be made.																																				
15	Measures should be taken for control of noise levels below 85dB (A) in the work environment. Workers engaged in operations of HEMM etc. should be provided with ear plugs/muffs.	Noise monitoring is carried out on regular basis so as to comply with the prescribed norms. Workers and employees are provided with earmuffs and necessary PPEs.																																				
16	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.	No industrial wastewater is generated as the cement plant is operated on dry process. For domestic wastewater, there is a sewage treatment plant of the state-of-art technology. It has the capacity to treat domestic wastewater of 600 KLPD. Contaminated water generated due to washing of equipment is passed through grease and oil trap tank having separation chambers and pumping arrangement. For separation of oil and grease particles from water, prime mover has been provided. The oil and grease is skimmed and kept in sealed barrels for further disposal to authorized vendors.																																				
17	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure	Personal Protective Equipment; PPE has been provided to each employee. Respiratory devices have been used by the persons working in dusty areas. Personal protective equipment's are being provided to the workers and they are given adequate training and information regarding safety and health aspects related to the kind of job they are engaged in.																																				

to dust and take corrective measures, if needed.

The list of PPEs issued from Oct24 – Mar25 is given below:

Total PPE's issued in Plant dusty area		
Material	Qty.	Amount in Rs.
COTTON DUST MASK, VENUS 410 .	8252	119654
GOGGLE SAFETY WHITE GLASS PVC, .	1549	46472
HAND GLOVE - LEATHER and CANVAS 14" .	704	24640
HAND GLOVE - LEATHER and CANVAS 18" .	1100	45100
HAND GLOVES 14" FOR WELDER/GAS CUTTER .	66	16864
HAND GLOVES 14"-HEAT RESISTANT UPTO400°C .	4	1980
HAND GLOVES COTTON 14,DOUBLE SIDE DOTTED .	1492	20142
NITRILE COATED GLOVES NBR/721 WG-FT .	5821	195151
PLUG EAR MAKEBIRLA -3M .	5	40
SAFETY HELMET BLUE COLOUR,KARAM/ UDYOGI .	26	3666
SAFETY HELMET ORANGE (SHELMET BRAND) .	13	1441
SAFETY HELMET WHITE, KARAM / UDYOGI .	10	1930
SHOE BLACK LEATHER .	433	345381
Grand Total		822461

Total PPE's issued in Mines area From Jan'2024 – DEC'2024		
Material	Qty.	Amount in Rs.
Dust Mask	175	2665.25
Goggle Safety Glass PVC,	65	3303.95
Hand Gloves	165	5643
Helmet Industrial Safety	60	6900
Jacket fluorescent High Visibility Wear	195	24765
Plug Ear muff	275	2200
Safety Shoes	350	356300
TOTAL		401777.20

Adequate training on safety and health awareness has been given by experts at VT center. Details of Vocational Training; VT are given below:

Training programme executed during Oct'24 – Mar'25

PARTICULARS	Nos of Participants	Grade
Electrical Safety	59	Staff-24 Worker-30and apprentice -05

		Environment and its Pollution Control	14	Staff -13 apprentice-01
		First Aid (Classroom)	51	Staff-16 and Worker-30and apprentice -05
		Fire Fighting	69	Staff-14andWorker-50and apprentice-05
		Safe practice and use of explosive in mines by external AUDITOR (shri GK PRADHAN)	34	Staff-11andWorker-10and apprentice-04 and Contractor-09
		Drilling and blasting	16	Staff-04andWorker-12
		Road safety week and defensive driving	26	Staff-12 and Worker-12and apprentice -02
		Mines Vocational Training	102	Staff-10andWorker-28 andcontractor-59and apprentice- 05
		Survey knowledge and mine plans	26	Staff -25 and apprentice-01
		HEMM operator safe loading and unloading training	11	Staff -11
		Quality control and Raw mix	16	Staff -15 and apprentice-01
		HIRA (HAZARD IDENTIFICATION AND RISK ASSESSMENT)	8	Staff -05and apprentice 03
		Mine plans and Review	32	Staff -32
		Total Participant	464	
		General Safety Consciousness of workers: Continuous efforts are made to educate the workers about the safety of men and machines through regular departmental talks and instructions, vocational training etc. A safety gate meeting is also organized on every first day of month.		
Occupational Health Examination: Periodical Medical Examinations are conducted of each employee by outside specialists once in every 5 years. Under this scheme each employee undergoes Pathological tests, blood group test, chest X-Rays, Audiometry tests, eye test etc. once every 5 years. Proper records of such tests are maintained. Not a single case of any occupational disease has so far been detected in our mines/plant.				
18	The project authorities shall inform to the Regional Office located regarding date of financial closures and final approval of the project by the concerned authoritiesand the date of start of land development work.	The Regional Office was informed regarding financial closure of the project. The copy of the intimation of the financial closure of the project is enclosed as Annexure-25 .		
19	A copy of clearance letter will be markedto concerned Panchayat / local NGO, if any, from whom suggestion / representation, if any, was received while processing the proposal.	Complied.		

20	State pollution control board should display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's office/ Tehsildar's office for 30 days.	
21	The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at "http://envfor.nic.in" and a copy of the same shall be forwarded to the Regional Office of this Ministry.	Complied. The advertisement regarding issuance of Environment clearance and the copy of same is available at State Pollution Control Board and also at web site of the Ministry of Environment and Forests at "http://envfor.nic.in" was given in two newspapers i.e. Nav swadesh and Desh Bandhu on 25.09.2008. Copy of advertisement is enclosed as Annexure 26.

Sample Number: VTL/S/01
Name & Address of Party: M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur
Baghelan, Dist.-Satna (M.P.)

Report No.: VTL/S/2501250001
Format No.: 7.8 F-03
Party Reference No.: NIL
Report Date: 30/01/2025
Period of Analysis: 25/01/2025-30/01/2025
Receipt Date: 25/01/2025

Sample Description : STACK EMISSION MONITORING

Sample Collected : VTL Team
Date & Time of Sampling : 18/01/2025
Location : Cement Mill -II (Unit-II)
Stack Attach To : Bag Filter
Sampling duration (Minutes) : 57 Min. (10:00 to 10:57 Hrs.)
Make Of Stack : MS
Stack Diameter : 0.96 M.
Stack Height : 36.0 M.
Instrument calibration status : Calibrated
Meteorological Condition status : Clear Sky
Ambient Temperature - Ta (°C) : 19
Temperature of Stack Gases - Ts (°C) : 108
Velocity of Stack Gases (m/sec.) : 8.38
Flow rate of PM (LPM) : 28
Sampling condition : Isokinetic
Flow rate of Flue Gas : 18.34 (Nm³/sec)
Moisture : 7.21 %
Cross Sectional Area of Stack : 0.72 (M²)
Method of Sampling : IS-11255 & EPA

RESULTS

S. No.	Parameter	Test Method	Results	Units	Limits
1.	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	18.15	mg/Nm ³	30

-----End of the Report-----

Checked By 



RK Yadav
Lab Incharge
Authorized Signatory 

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

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Sample Number: VTL/S/02
Name & Address of Party: M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur
Baghelan, Dist.-Satna (M.P.)

Report No.: VTL/S/2501250002
Format No.: 7.8 F-03
Party Reference No.: NIL
Report Date: 30/01/2025
Period of Analysis: 25/01/2025-30/01/2025
Receipt Date: 25/01/2025

Sample Description : STACK EMISSION MONITORING

Sample Collected : VTL Team
Date & Time of Sampling : 18/01/2025
Location : Cement Mill -I (Unit-II)
Stack Attach To : Bag Filter
Sampling duration (Minutes) : 54 Min. (11:00 to 11:54 Hrs.)
Make Of Stack : MS
Stack Diameter : 1.0 M.
Stack Height : 49.0 M.
Instrument calibration status : Calibrated
Meteorological Condition status : Clear Sky
Ambient Temperature - Ta (°C) : 20
Temperature of Stack Gases - Ts (°C) : 99
Velocity of Stack Gases (m/sec.) : 8.66
Flow rate of PM (LPM) : 30
Sampling condition : Isokinetic
Flow rate of Flue Gas : 5.85 (Nm3/sec)
Moisture : 7.46 %
Cross Sectional Area of Stack : 0.785 (M²)
Method of Sampling : IS-11255 & EPA
RESULTS

S. No.	Parameter	Test Method	Results	Units	Limits
1.	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	17.33	mg/Nm3	30

-----End of the Report-----

Checked By



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Sample Number: VTL/S/03
Name & Address of Party: M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur
Baghelan, Dist.-Satna (M.P.)

Report No.: VTL/S/2501250003
Format No.: 7.8 F-03
Party Reference No.: NIL
Report Date: 30/01/2025
Period of Analysis: 25/01/2025-30/01/2025
Receipt Date: 25/01/2025

Sample Description : STACK EMISSION MONITORING

Sample Collected : VTL Team
Date & Time of Sampling : 18/01/2025
Location : Coal Mill (Unit-II)
Stack Attach To : Bag Filter
Sampling duration (Minutes) : 51 Min. (12:00 to 12:51 Hrs.)
Make Of Stack : MS
Stack Diameter : 2.24 M.
Stack Height : 65.0 M.
Instrument calibration status : Calibrated
Meteorological Condition status : Clear Sky
Ambient Temperature - Ta (°C) : 19
Temperature of Stack Gases - Ts (°C) : 76
Velocity of Stack Gases (m/sec.) : 8.67
Flow rate of PM (LPM) : 32
Sampling condition : Isokinetic
Flow rate of Flue Gas : 37.558 (Nm³/sec)
Moisture : 5.65 %
Cross Sectional Area of Stack : 3.94 (M²)
Method of Sampling : IS-11255 & EPA

RESULTS

S. No.	Parameter	Test Method	Results	Units	Limits
1.	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	18.04	mg/Nm ³	30

-----End of the Report-----

Checked By



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Sample Number: VTL/S/04
Name & Address of Party: M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur
Baghelan, Dist.-Satna (M.P.)

Report No.: VTL/S/2501250004
Format No.: 7.8 F-03
Party Reference No.: NIL
Report Date: 30/01/2025
Period of Analysis: 25/01/2025-30/01/2025
Receipt Date: 25/01/2025

Sample Description : STACK EMISSION MONITORING

Sample Collected : VTL Team
Date & Time of Sampling : 19/01/2025
Location : Cooler (Unit-II)
Stack Attach To : ESP
Sampling duration (Minutes) : 42 Min. (10:00 to 10:42 Hrs.)
Make Of Stack : MS
Stack Diameter : 4.50 M.
Stack Height : 50.0 M.
Instrument calibration status : Calibrated
Meteorological Condition status : Clear Sky
Ambient Temperature - Ta (°C) : 20
Temperature of Stack Gases - Ts (°C) : 141
Velocity of Stack Gases (m/sec.) : 12.53
Flow rate of PM (LPM) : 39
Sampling condition : Isokinetic
Flow rate of Flue Gas : 117.61 (Nm³/sec)
Moisture : 6.16 %
Cross Sectional Area of Stack : 15.89 (M²)
Method of Sampling : IS-11255 & EPA

RESULTS

S. No.	Parameter	Test Method	Results	Units	Limits
1.	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	15.33	mg/Nm ³	30

-----End of the Report-----

Checked By



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Sample Number: VTL/S/05
Name & Address of Party: M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur
Baghelan, Dist.-Satna (M.P.)

Report No.: VTL/S/2501250005
Format No.: 7.8 F-03
Party Reference No.: NIL
Report Date: 30/01/2025
Period of Analysis: 25/01/2025-30/01/2025
Receipt Date: 25/01/2025

Sample Description : STACK EMISSION MONITORING

Sample Collected : VTL Team
Date & Time of Sampling : 19/01/2025
Location : Raw Mill & Kiln Stack Unit-II
Stack Attach To : Bag Filter
Sampling duration (Minutes) : 45 Min. (11:00 to 11:45 Hrs.)
Make Of Stack : MS
Stack Diameter : 4.75 M.
Stack Height : 110.0 M.
Instrument calibration status : Calibrated
Meteorological Condition status : Clear Sky
Ambient Temperature - Ta (°C) : 21
Temperature of Stack Gases - Ts (°C) : 101
Velocity of Stack Gases (m/sec.) : 10.53
Flow rate of PM (LPM) : 36
Sampling condition : Isokinetic
Flow rate of Flue Gas : 216.536 (Nm³/sec)
Moisture : 5.12 %
Cross Sectional Area of Stack : 17.71 (M²)
Method of Sampling : IS-11255 & EPA
RESULTS

S. No.	Parameter	Test Method	Results	Units	Limits
1.	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	19.23	mg/Nm ³	30
2.	Sulphur Dioxide (SO ₂)	IS: 11255 (P-2) : 1985, RA 2019	15.92	mg/Nm ³	700
3.	Oxide of Nitrogen (NO ₂)	IS: 11255 (P-7) : RA 2017	565.0	mg/Nm ³	800

-----End of the Report-----

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Display Board

UNIT - II				
I. NAME OF THE INDUSTRY/FACILITY WITH CONTACT DETAILS (AS PER THE CONSENT TO ESTABLISH/OPERATE)				
II. DATE OF UPDATE OF DISPLAY: 04.03.2024				
III. DETAILS OF UPDATED CONSENT TO OPERATE AND AUTHORIZATION WITH VALIDITY: 30.06.2024 & 30.06.2027				
IV. DETAILS OF OPERATIONAL STATUS- OPERATIONAL				
V. PRODUCTION DETAILS				
S. PRODUCT NO.	MANUFACTURED (INCLUDING RECYCLING/UTILIZATION)	DETAILS OF HAZARDOUS CHEMICALS USED WITH QUANTITY AND PURPOSE	TYPE OF HW GENERATED WITH CATEGORY AS PER NRMN RULES, 2016	QUANTITY OF HW GENERATED STORED AND DISPOSED (UNITS & MINES (25364.408 CGM))
1.	CLINKER	NA	USED OIL (I)	31.713 MT
2.	CEMENT	NA		
VI. AIR EMISSION				
S. SOURCE OF AIR POLLUTION NO.	EX. POLLUTER/BOILER/FURNACE WITH CAPACITY IN LTR/TYP. OF FUEL ETC.)	AIR POLLUTION CONTROL DEVICES (APCD) DEVICES WITH STACK HEIGHT	PARAMETERS MONITORED W.R.T AIR POLLUTION (PM ₁₀ , CO ₂ , NO ₂ ETC.)	
		APCD DEVICES	MONITORED DATA IN (µg/m ³)	LIMITS (STANDARD PRESCRIBED BY CPCB/STATE POLLUT. CONTROL BOARD)
1.	RAW MILL & KILN	BAG HOUSE	15.31, 0.24, 0.2, 11.6, 1	PM ₁₀ 30, SO ₂ 100, NO ₂ 800
2.	COAL MILL	BAG HOUSE	85	16.32
3.	COOLER	ESP	50	20.74
4.	CEMENT MILL-1	BAG HOUSE	44	7-12
5.	CEMENT MILL-2	BAG HOUSE	49	13.1
VII. EFFLUENT DISCHARGE				
S. SOURCE OF EFFLUENT DISCHARGE WITH QUANTITY (EX. PROCESS WASTE WATER DOMESTIC EFFLUENT ETC.)	TREATMENT METHOD (E.T.T. WITH CAPACITY OR ANY OTHER METHOD)	MODE OF DISPOSAL OR TREATMENT EFFLUENT (DRAIN/SEWER/LAND ETC.)	EFFLUENT DISCHARGE MONITORING (PH, COD, BOD, TSS ETC.)	
			PARAMETERS	INLET (RAW) / OUTLET (TREATED)
1.	DOMESTIC EFFLUENT	STP 600 KLD	PH	8.04
2.			TSS	157.5
3.			BOD	104.8
4.			COD	288

UNIT - I				
I. NAME OF THE INDUSTRY/FACILITY WITH CONTACT DETAILS (AS PER THE CONSENT TO ESTABLISH/OPERATE)				
II. DATE OF UPDATE OF DISPLAY: 04.03.2024				
III. DETAILS OF UPDATED CONSENT TO OPERATE AND AUTHORIZATION WITH VALIDITY: 30.06.2024 & 30.06.2027				
IV. DETAILS OF OPERATIONAL STATUS- OPERATIONAL				
V. PRODUCTION DETAILS				
S. PRODUCT NO.	MANUFACTURED (INCLUDING RECYCLING/UTILIZATION)	DETAILS OF HAZARDOUS CHEMICALS USED WITH QUANTITY AND PURPOSE	TYPE OF HW GENERATED WITH CATEGORY AS PER NRMN RULES, 2016	QUANTITY OF HW GENERATED STORED AND DISPOSED (UNITS & MINES (772.512, 117 & 59 HA))
1.	CLINKER	NA	USED OIL (S-1)	37.892 MT
2.	CEMENT	NA		
VI. AIR EMISSION				
S. SOURCE OF AIR POLLUTION NO.	EX. POLLUTER/BOILER/FURNACE WITH CAPACITY IN LTR/TYP. OF FUEL ETC.)	AIR POLLUTION CONTROL DEVICES (APCD) DEVICES WITH STACK HEIGHT	PARAMETERS MONITORED W.R.T AIR POLLUTION (PM ₁₀ , CO ₂ , NO ₂ ETC.)	
		APCD DEVICES	MONITORED DATA IN (µg/m ³)	LIMITS (STANDARD PRESCRIBED BY CPCB/STATE POLLUT. CONTROL BOARD)
1.	RAW MILL & KILN	BAG HOUSE	15.31, 0.24, 0.2, 11.6, 1	PM ₁₀ 30, SO ₂ 100, NO ₂ 800
2.	COAL MILL	BAG HOUSE	85	16.32
3.	COOLER	ESP	50	20.74
4.	CEMENT MILL-1	BAG HOUSE	44	7-12
5.	CEMENT MILL-2	BAG HOUSE	49	13.1
VII. EFFLUENT DISCHARGE				
S. SOURCE OF EFFLUENT DISCHARGE WITH QUANTITY (EX. PROCESS WASTE WATER DOMESTIC EFFLUENT ETC.)	TREATMENT METHOD (E.T.T. WITH CAPACITY OR ANY OTHER METHOD)	MODE OF DISPOSAL OR TREATMENT EFFLUENT (DRAIN/SEWER/LAND ETC.)	EFFLUENT DISCHARGE MONITORING (PH, COD, BOD, TSS ETC.)	
			PARAMETERS	INLET (RAW) / OUTLET (TREATED)
1.	DOMESTIC EFFLUENT	STP 600 KLD	PH	8.04
2.			TSS	157.5
3.			BOD	104.8
4.			COD	288



AAQMS Panel



AAQMS Station



Desktop showing monitoring data



Continuous Emission Monitoring System Panel



LED Display of emission parameters at Main Gate of premises



Continuous Air Quality Monitoring Station



Continuous Stack Emission Monitoring Station

Sample Number : VTL/FD/01

M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Name & Address of the Party :

Report No. : VTL/FD/2501250001/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 30/01/2025

Period of Analysis : 25/01/2025-30/01/2025

Receipt Date : 25/01/2025

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

Sampling Location : Near Lime stone Handling (Raw Material Handling)
Sample Collected By : VTL Team
Sampling Equipment used : HVS
Instrument Code : VTL/HVS/01
Coordinates : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/01/2025
Time of Monitoring : 10:00 to 18:00 Hrs.
Ambient Temperature (°C) : Min 16°C Max 25°C
Surrounding Activity : Human, Vehicular & Plant Activities
Method of Sampling : Lab STP: VTL/STP/02
Sampling Duration : 8 Hrs.
Parameter Required : As per Work Order

S.No.	Parameters	Test Methods	Results	Units
1	Suspended Particulate Matter (as SPM)	VTL/STP/02/STP/01	1290.0	µg/m3

End of Report

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Sample Number : VTL/FD/02

M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -
Satna (M.P.)

Name & Address of the Party :

Report No. : VTL/FD/2501250002/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 30/01/2025

Period of Analysis : 25/01/2025-30/01/2025

Receipt Date : 25/01/2025

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

Sampling Location : Near Coal Yard
Sample Collected By : VTL Team
Sampling Equipment used : HVS
Instrument Code : VTL/HVS/02
Coordinates : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/01/2025
Time of Monitoring : 10:30 to 18:30 Hrs.
Ambient Temperature (°C) : Min 17°C Max 25°C
Surrounding Activity : Human, Vehicular & Plant Activities
Method of Sampling : Lab STP: VTL/STP/02
Sampling Duration : 8 Hrs.
Parameter Required : As per Work Order

S.No.	Parameters	Test Methods	Results	Units
1	Suspended Particulate Matter (as SPM)	VTL/STP/02/STP/01	1470.0	µg/m ³

End of Report

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Sample Number : VTL/FD/03

M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Name & Address of the Party :

Report No. : VTL/FD/2501250003/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 30/01/2025

Period of Analysis : 25/01/2025-30/01/2025

Receipt Date : 25/01/2025

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

Sampling Location : Near Packing Plant Unit-I
Sample Collected By : VTL Team
Sampling Equipment used : HVS
Instrument Code : VTL/HVS/01
Coordinates : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 19/01/2025
Time of Monitoring : 10:00 to 18:00 Hrs.
Ambient Temperature (°C) : Min 13°C Max 19°C
Surrounding Activity : Human, Vehicular & Plant Activities
Method of Sampling : Lab STP: VTL/STP/02
Sampling Duration : 8 Hrs.
Parameter Required : As per Work Order

S.No.	Parameters	Test Methods	Results	Units
1	Suspended Particulate Matter (as SPM)	VTL/STP/02/STP/01	810.0	µg/m3

End of Report

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**VIBRANT***"Experience the unimaginable"***TEST REPORT**

Sample Number : VTL/FD/04

M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Name & Address of the Party :

Report No. : VTL/FD/2501250004/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 30/01/2025

Period of Analysis : 25/01/2025-30/01/2025

Receipt Date : 25/01/2025

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

Sampling Location : Near Packing Plant Unit-II
Sample Collected By : VTL Team
Sampling Equipment used : HVS
Instrument Code : VTL/HVS/02
Coordinates : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 19/01/2025
Time of Monitoring : 10:30 to 18:30 Hrs.
Ambient Temperature (°C) : Min 14°C Max 19°C
Surrounding Activity : Human, Vehicular & Plant Activities
Method of Sampling : Lab STP: VTL/STP/02
Sampling Duration : 8 Hrs.
Parameter Required : As per Work Order

S.No.	Parameters	Test Methods	Results	Units
1	Suspended Particulate Matter (as SPM)	VTL/STP/02/STP/01	785.0	µg/m3

End of Report

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Sample Number : VTL/FD/05

M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Name & Address of the Party :

Report No. : VTL/FD/2501250005/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/01/2025
Period of Analysis : 25/01/2025-30/01/2025
Receipt Date : 25/01/2025

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

Sampling Location : Near Cement Mill Unit-I
Sample Collected By : VTL Team
Sampling Equipment used : HVS
Instrument Code : VTL/HVS/01
Coordinates : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 20/01/2025
Time of Monitoring : 10:00 to 18:00 Hrs.
Ambient Temperature (°C) : Min 17°C Max 24°C
Surrounding Activity : Human, Vehicular & Plant Activities
Method of Sampling : Lab STP: VTL/STP/02
Sampling Duration : 8 Hrs.
Parameter Required : As per Work Order

S.No.	Parameters	Test Methods	Results	Units
1	Suspended Particulate Matter (as SPM)	VTL/STP/02/STP/01	967.0	µg/m ³

End of Report

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Term & conditions PTO

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

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www.vibranttechnolab.com

Sample Number : VTL/FD/06

M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Name & Address of the Party :

Report No. : VTL/FD/2501250006/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 30/01/2025

Period of Analysis : 25/01/2025-30/01/2025

Receipt Date : 25/01/2025

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

Sampling Location : Near Cement Mill Unit-II

Sample Collected By : VTL Team

Sampling Equipment used : HVS

Instrument Code : VTL/HVS/01

Coordinates : --

Meteorological condition during monitoring : Clear Sky

Date of Monitoring : 21/01/2025

Time of Monitoring : 10:00 to 18:00 Hrs.

Ambient Temperature (°C) : Min 21°C Max 29°C

Surrounding Activity : Human, Vehicular & Plant Activities

Method of Sampling : Lab STP: VTL/STP/02

Sampling Duration : 8 Hrs.

Parameter Required : As per Work Order

S.No.	Parameters	Test Methods	Results	Units
1	Suspended Particulate Matter (as SPM)	VTL/STP/02/STP/01	1035.0	µg/m ³

End of Report

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Checked by



RK Yadav
Lab Incharge
Authorized Signatory



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**National Accreditation Board for
Testing and Calibration Laboratories**

CERTIFICATE OF ACCREDITATION

VIBRANT TECHNO LAB PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

PLOT NO.SC-40, 3RD FLOOR, NARAYAN VIHAR S, AJMER RAOD, JAIPUR, RAJASTHAN, INDIA

in the field of

TESTING

Certificate Number: TC-11227

Issue Date: 20/12/2024

Valid Until: 19/12/2028

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: VIBRANT TECHNO LAB PRIVATE LIMITED

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



Electrostatic precipitator



Reverse air bag house



Truck mounted vacuum cleaner



Road sweeping machine



Fog Cannon machine at different plant location



Tree Cover in Plant

**VIBRANT***"Experience the unimaginable"***TEST REPORT**

TC-11227

Sample Number : VTL/AA/01

Name & Address of the Party :

M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2501250001/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 30/01/2025

Period of Analysis : 25/01/2025-30/01/2025

Receipt Date : 25/01/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Near Guest House

Sample Collected By : VTL Team

Instrument Code : VTL/RDS/FPS/01

Coordinates : 81.007674 & 24.5591

Meteorological condition during monitoring : Clear Sky

Date of Monitoring : 18/01/2025 To 19/01/2025

Time of Monitoring : 09:00 to 09:00 Hrs.

Ambient Temperature (°C) : Min. 8°C Max 25°C

Surrounding Activity : Human, Vehicular & Plant Activities

Method of Sampling : IS : 5182

Sampling Duration : 24 Hrs.

Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009 (Limits)
1	Particulate Matter (as PM10)	IS:5182 (Part- 23)-2006 RA 2022	72.41	µg/m³	100
2	Particulate Matter (as PM2.5)	IS 5182(Part- 24): 2019	41.95	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2022	21.48	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (Part 2) : Sec 1 : 2023	13.66	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.72	mg/m³	4

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

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TEST REPORT



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Sample Number : VTL/AA/02

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2501250002/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/01/2025
Period of Analysis : 25/01/2025-30/01/2025
Receipt Date : 25/01/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Near Admin Building
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/02
Coordinates : 81.006746 & 24.566037
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/01/2025 To 19/01/2025
Time of Monitoring : 09:15 to 09:15 Hrs.
Ambient Temperature (°C) : Min. 8°C Max 25°C
Surrounding Activity : Human, Vehicular & Plant Activities
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009 (Limits)
1	Particulate Matter (as PM10)	IS:5182 (Part- 23)-2006 RA 2022	66.89	µg/m³	100
2	Particulate Matter (as PM2.5)	IS 5182(Part- 24): 2019	39.25	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2022	22.87	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (Part 2): Sec 1 : 2023	8.97	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.73	mg/m³	4

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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TEST REPORT



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Sample Number : VTL/AA/03

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2501250003/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/01/2025
Period of Analysis : 25/01/2025-30/01/2025
Receipt Date : 25/01/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Near Stacker
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/03
Coordinates : 81.001108 & 24.560603
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/01/2025 To 19/01/2025
Time of Monitoring : 09:30 to 09:30 Hrs.
Ambient Temperature (°C) : Min.8°C Max 25°C
Surrounding Activity : Human, Vehicular & Plant Activities
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009 (Limits)
1	Particulate Matter (as PM10)	IS:5182 (Part- 23)-2006 RA 2022	69.46	µg/m³	100
2	Particulate Matter (as PM2.5)	IS 5182(Part- 24): 2019	37.82	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2022	18.91	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (Part 2) : Sec 1 : 2023	11.97	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.64	mg/m³	4

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/04

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2501250004/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 30/01/2025

Period of Analysis : 25/01/2025-30/01/2025

Receipt Date : 25/01/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Near Crusher Unit-II
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/04
Coordinates : 80.997380 & 24.561715
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/01/2025 To 19/01/2025
Time of Monitoring : 09:45 to 09:45 Hrs.
Ambient Temperature (°C) : Min. 8°C Max 25°C
Surrounding Activity : Human, Vehicular & Plant Activities
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009 (Limits)
1	Particulate Matter (as PM10)	IS:5182 (Part- 23)-2006 RA 2022	84.56	µg/m³	100
2	Particulate Matter (as PM2.5)	IS 5182(Part- 24): 2019	47.24	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2022	25.37	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (Part 2) : Sec 1 : 2023	14.23	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.82	mg/m³	4

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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TEST REPORT



VIBRANT

"Experience the unimaginable"
Sample Number : VTL/AN/01

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -
Satna (M.P.)

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

Report No. : VTL/N/2501250001/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 30/01/2025
Receipt Date : 25/01/2025
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Near Guest House
Instrument Code : VTL/SLM/01
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/01/2025 To 19/01/2025
Time of Monitoring : 06:00 to 06:00 Hrs.
Ambient Temperature (°C) : Min. 8°C Max 25°C
Surrounding Activity : Human, Vehicular & Other Activities
Parameter Required : As per Work Order
Coordinates : --

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	54.3	43.8

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



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TEST REPORT



VIBRANT

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Sample Number : VTL/AN/02

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

Report No. : VTL/N/2501250002/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 30/01/2025
Receipt Date : 25/01/2025
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Near Admin Building
Instrument Code : VTL/SLM/02
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/01/2025 To 19/01/2025
Time of Monitoring : 06:00 to 06:00 Hrs.
Ambient Temperature (°C) : Min. 8°C Max 25°C
Surrounding Activity : Human, Vehicular & Other Activities
Parameter Required : As per Work Order
Coordinates : --

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	56.9	45.1

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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**VIBRANT**

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Sample Number : VTL/AN/03

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
 Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -
 Satna (M.P.)

Sample Description : Ambient Noise Level Monitoring
 Scope of Monitoring : Regulatory Requirement
 Protocol Used : IS 9989
 Instrument Used : SLM

Report No. : VTL/N/2501250003/A
 Format No : 7.8 F-04
 Party Reference No : NIL
 Report Date : 30/01/2025
 Receipt Date : 25/01/2025
 Sampling Duration : 24 Hrs.
 Sample Collected : VTL Team
 Instrument : Calibrated
 Calibration Status :

General Information:-

Sampling Location : Near Stacker
 Instrument Code : VTL/SLM/03
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 18/01/2025 To 19/01/2025
 Time of Monitoring : 06:00 to 06:00 Hrs.
 Ambient Temperature (°C) : Min. 8°C Max 25°C
 Surrounding Activity : Human, Vehicular & Other Activities
 Parameter Required : As per Work Order
 Coordinates : --

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	51.7	44.9

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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TEST REPORT



VIBRANT

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Sample Number : VTL/AN/04

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

Report No. : VTL/N/2501250004/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 30/01/2025
Receipt Date : 25/01/2025
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Near Crusher Unit-II
Instrument Code : VTL/SLM/04
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/01/2025 To 19/01/2025
Time of Monitoring : 06:00 to 08:00 Hrs.
Ambient Temperature (°C) : Min. 8°C Max 25°C
Surrounding Activity : Human, Vehicular & Other Activities
Parameter Required : As per Work Order
Coordinates : --

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	65.9	53.5

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.
2. Night Time is reckoned between 10.00 PM to 6.00 AM.
3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.
Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

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E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000922F	Cali. Field - Fluid Flow	Page No. - 1 of 2
Certificate No.	LES-CCL/FF/PM/SC/109		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Calibration Performed At	Site
Location of Performance for Calibration	On Site	Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	Thermo	TEI - 121	216 - TEF - 21

02. Details of DUC

Name	Dry Gas Meter	Environmental Conditions During Calibration	
Make/Model	Honey well / BK - G1.6	Temperature (°C) :- 25 ± 10 °C	24.2
SI.No.	1807079405	Relative Humidity (%) :- 45-75 %	54.2
Cal. Range / Resolution	16.67 lpm (±2%) / 0.0002 m3	Barometric Pressure (mmHg)	744.20

03. Standard Equipment used for calibration

SI.No.	Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
1	LFE Gas Flow Calibrator	0.5 - 50 lpm	0416 / LES-CCL/R/4901	PI Calibration Lab, Mumbai
2	Digital Stop Watch	10 Sec. - 59 min	LES-CCL/R/14510	LES - CCL, Gr. Noida
SI.No.	Certificate No.	Calibration Date	Valid Up to	
1	PICAL/0922/F/032	05.09.2022	04.09.2023	
2	LES-CCL/ET/SW/931	15.09.2022	14.09.2023	

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC/07

Remark : 1.Refer page 2 of 2 for Calibration Results

2.The Flowrate has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL.Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000922F	PageNo. - 2 of 2
Calibration Date	03.08.2023	Suggested Date of Next Calibration
Certificate No.	LES-CCL/FF/PM/SC/109	02.08.2024

05. Calibration Results for Flow of Dry Gas Meter

S.No.	Test meter (DUC) Measured Flow (lpm)	Reference True Flow rate (lpm)	Error (%)
1	16.58	16.324	1.568
2	16.59	16.313	1.698
3	16.58	16.360	1.345
4	16.63	16.340	1.775
5	16.62	16.320	1.838

Type A standard Uncertainty
for repeated data (1-5)

± 0.0081 lpm

Expanded uncertainty in Actual flow
measurement, U (k=2)

± 0.9018 lpm ± 2.43 % Rdg

Note:- Final Readings of Dry Gas Meter at the end of Calibration: 9.0884 m³

Uncertainty Contributing factor :-

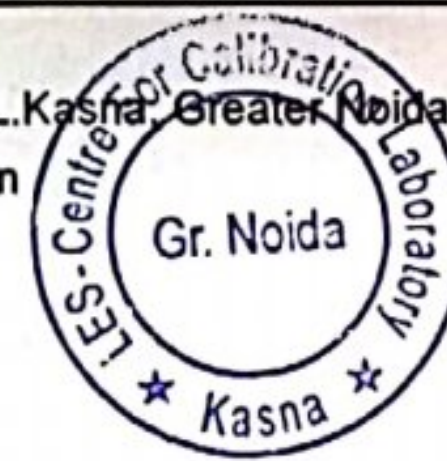
1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lesccl307@gmail.com, lesccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lesccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000923F		Calibration. Field - Fluid Flow		Page No.- 1 of 2	
Certificate No.	LES-CCL/FF/RF/SC/419					
Calibration Date	03.08.2023	Suggested Date of Next Calibration			02.08.2024	
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)					
S.R.F. No.	2023/17	S.R.F. Date	22.06.2023	Issue Date	22.08.2023	
Date of DUC Receipt	03.08.2023	Calibration Performed At	Site	Condition of DUC	OK	
Location of Performance for Calibration		On Site				

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	THERMO	TEI - 121	216 - TEF - 21

02. Details of DUC

Name	Rotameter	Environmental Conditions During Calibration	
Resolution	1.0 lpm	Temperature (°C) :- 25 ± 10 °C	26.5
SI.No.	B21544	Relative Humidity (%) :- 45-75 %	56
Cal. Range	16.67 lpm (± 2 %)	Barometric Pressure (mmHg)	738.80

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
LFE GAS FLOW CALIBRATOR	0.5 -50 lpm	0416 / LES-CCL/R/4901	PI Calibration Laboratory, Mumbai
Certificate No.	Calibration Date	Valid Up to	
PICAL/0922/F/032	05.09.2022	04.09.2023	

04. Calibration Procedure LES-CCL/WI/31/FF/SC/07

Remark : 1.Refer page 2 of 2 for Calibration Results

2.The Flowrate has been Referenced to Standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL.Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration .
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000923F		Page No.- 2 of 2
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Certificate No.	LES-CCL/FF/RF/SC/419		

05. Calibration Results for Flow of Rotameter

S.No.	Test meter (DUC) Measured Flow (lpm)	Reference True Flow rate (lpm)	Error (%)	Calibration Factor
1	16.70	16.388	1.904	0.981
2	16.70	16.354	2.116	0.979
3	16.70	16.377	1.972	0.981
4	16.70	16.380	1.954	0.981
5	16.70	16.386	1.916	0.981

Type A standard Uncertainty
for repeated data (1-5)

± 0.0061 lpm

Expanded uncertainty in Actual flow
measurement, U (k=2)

± 0.8909 lpm ± 2.30 % Rdg

Uncertainty Contributing Factor :-

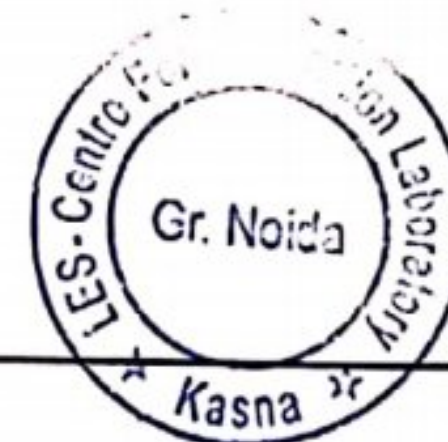
1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments.



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

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Website : www.lesccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000924F	Cali. Field - Electro-Technical		Page No. - 1 of 1	
Certificate No.	LES-CCL/ET/TT/SC/296				
Calibration Date	03.08.2023	Suggested Date of Next Calibration		02.08.2024	
Customer Name :-	M/s Prism Johnson Limited				
Address :-	Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	03.08.2023	Calibration Performed At	Site	Condition of DUC	OK
Location of Performance for Calibration		On Site			

01. DUC Fitted in instrument

Name	Make	Model	SI.No. / ID.No.
Fine Particulate Sampler	THERMO	TEI - 121	216 - TEF - 21

02. Details of DUC

Name	Time Totalizer	Environmental Conditions During Calibration	
SI.No.	T - 216	Temperature (°C) :- 25 ± 4 °C	25.8
Make	Hours	Relative Humidity (%) :- 30-75 %	54.0
Range / Resolution	0.01 - 99999.99 hrs. / 0.01 hrs.	Barometric Pressure (mmHg)	741.60

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2510	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.	Calibration Date	Valid Up to	
PE23CC01414	11.03.2023	10.03.2024	

04. Calibration Procedure LES-CCL/WI/31/ET/SC-03

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (Hrs/Min/Sec)	Reference Time		Error (%)	Expanded Uncertainty at 95 % of Confidence level (k =2)	
		Min.	Sec.		%	Sec.
1	0.25 / 15.0 / 900 (Final Readings of TTR at the end of Calibration: 34.40hrs)	15.0070	900.42	-0.05	± 2.30987	20.80

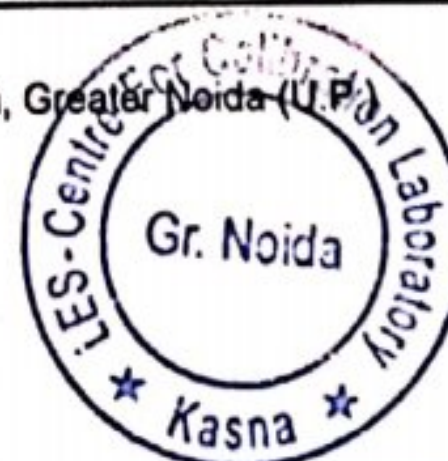
Uncertainty Contributing Factor :-

1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :- 1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL.Kasna, Greater Noida (U.P.) 2. Reference used are directly traceable to national standard through unbroken chain of calibration. 3. Results reported are valid at the time of and under the stated conditions of measurement 4. This Certificate refers only to the particular item calibrated. 5. Decision rule required - No 6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025 7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments	Authorized By	
	 SHIVSHANKER SINGH (Chief Executive Officer)	



.... End of Calibration Certificate



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000919F	Cali. Field - Fluid Flow	Page No. - 1 of 2
Certificate No.	LES-CCL/FF/PM/SC/108		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Issue Date	26.08.2023
Location of Performance for Calibration	On Site	Calibration Performed At	Site
		Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	Thermo	TEI - 121	217 - TEF - 21

02. Details of DUC

Name	Dry Gas Meter	Environmental Conditions During Calibration	
Make/Model	Honey well / BK - G1.6	Temperature (°C) :- 25 ± 10 °C	24.2
SI.No.	1807079685	Relative Humidity (%) :- 45-75 %	54.2
Cal. Range / Resolution	16.67 lpm (±2%) / 0.0002 m3	Barometric Pressure (mmHg)	744.20

03. Standard Equipment used for calibration

SI.No.	Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
1	LFE Gas Flow Calibrator	0.5 - 50 lpm	0416 / LES-CCL/R/4901	PI Calibration Lab, Mumbai
2	Digital Stop Watch	10 Sec. - 59 min	LES-CCL/R/14510	LES - CCL, Gr. Noida
SI.No.	Certificate No.	Calibration Date	Valid Up to	
1	PICAL/0922/F/032	05.09.2022	04.09.2023	
2	LES-CCL/ET/SW/931	15.09.2022	14.09.2023	

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC/07

Remark : 1.Refer page 2 of 2 for Calibration Results

2.The Flowrate has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL.Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration .
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the Instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000919F		PageNo. - 2 of 2
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Certificate No.	LES-CCL/FF/PM/SC/108		

05. Calibration Results for Flow of Dry Gas Meter

S.No.	Test meter (DUC) Measured Flow (lpm)	Reference True Flow rate (lpm)	Error (%)
1	16.65	16.508	0.860
2	16.66	16.517	0.866
3	16.64	16.503	0.830
4	16.69	16.514	1.066
5	16.69	16.523	1.011

Type A standard Uncertainty
for repeated data (1-5)

± 0.0034 lpm

Expanded uncertainty in Actual flow
measurement, U (k=2)

± 0.9118 lpm ± 2.41 % Rdg

Note:- Final Readings of Dry Gas Meter at the end of Calibration: 24.8806 m³

Uncertainty Contributing factor :-

1. Repeatability (based on five measurement)

2. Uncertainty of master instruments

3. Uncertainty due to resolution of DUC

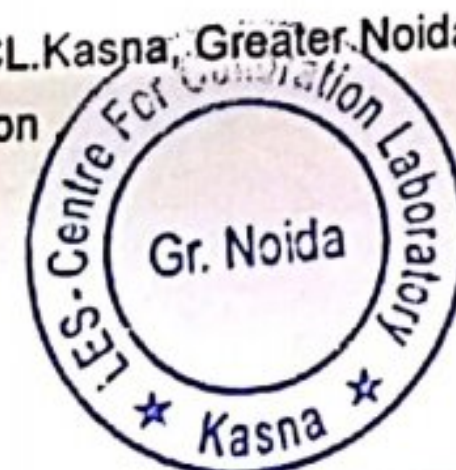
The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for

Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

Shivshanker Singh

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000920F	Calibration. Field - Fluid Flow	Page No.- 1 of 2
Certificate No.	LES-CCL/FF/RF/SC/295		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F. No.	2023/17	S.R.F. Date	22.06.2023
Date of DUC Receipt	03.08.2023	Issue Date	22.08.2023
Location of Performance for Calibration	On Site	Calibration Performed At	Site
		Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	THERMO	TEI - 121	217 - TEF - 21

02. Details of DUC

Name	Rotameter	Environmental Conditions During Calibration
Resolution	1.0 lpm	Temperature (°C) :- 25 ± 10 °C
SI.No.	M20105	Relative Humidity (%) :- 45-75 %
Cal. Range	16.67 lpm (±2 %)	Barometric Pressure (mmHg)
		26.5
		56
		738.80

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
LFE GAS FLOW CALIBRATOR	0.5 -50 lpm	0416 / LES-CCL/R/4901	PI Calibration Laboratory, Mumbai
Certificate No.	Calibration Date	Valid Up to	
PICAL/0922/F/032	05.09.2022	04.09.2023	

04. Calibration Procedure LES-CCL/WI/31/FF/SC/07

Remark : 1.Refer page 2 of 2 for Calibration Results

2.The Flowrate has been Referenced to Standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000920F		Page No.- 2 of 2
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Certificate No.	LES-CCL/FF/RF/SC/295		

05. Calibration Results for Flow of Rotameter

S.No.	Test meter (DUC) Measured Flow (lpm)	Reference True Flow rate (lpm)	Error (%)	Calibration Factor
1	16.70	16.284	2.555	0.975
2	16.70	16.296	2.479	0.976
3	16.70	16.288	2.529	0.975
4	16.70	16.290	2.517	0.975
5	16.70	16.281	2.574	0.975

Type A standard Uncertainty
for repeated data (1-5)

± 0.0026 lpm

Expanded uncertainty in Actual flow
measurement, U (k=2)

± 0.8860 lpm ± 2.30 % Rdg

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :- 1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.) 2. Reference used are directly traceable to national standard through unbroken chain of calibration. 3. Results reported are valid at the time of and under the stated conditions of measurement 4. This Certificate refers only to the particular item calibrated. 5. Decision rule required - No 6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025 7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments	Authorized By
	 SHIVSHANKER SINGH (Chief Executive Officer)



****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000921F	Cali. Field - Electro-Technical	Page No. - 1 of 1		
Certificate No.	LES-CCL/ET/TT/SC/295				
Calibration Date	03.08.2023	Suggested Date of Next Calibration		02.08.2024	
Customer Name :-		M/s Prism Johnson Limited			
Address :-		Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)			
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	03.08.2023	Calibration Performed At	Site	Condition of DUC	OK
Location of Performance for Calibration		On Site			

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	THERMO	TEI - 121	217 - TEF - 21

02. Details of DUC

Name	Time Totalizer	Environmental Conditions During Calibration	
SI.No.	T - 217	Temperature (°C) :- 25 ± 4 °C	25.8
Make	Hours	Relative Humidity (%) :- 30-75 %	54.0
Range / Resolution	0.01 - 99999.99 hrs. / 0.01 hrs.	Barometric Pressure (mmHg)	741.60

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2510	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.		Calibration Date	Valid Up to
PE23CC01414		11.03.2023	10.03.2024

04. Calibration Procedure LES-CCL/WI/31/ET/SC-03

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (Hrs/Min/Sec)	Reference Time		Error (%)	Expanded Uncertainty at 95 % of Confidence level (k =2)	
		Min.	Sec.		%	Sec.
1	0.25 /15.0 / 900 (Final Readings of TTR at the end of Calibration: 40.80 hrs)	15.0070	900.42	-0.05	± 2.30987	20.80

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-	Authorized By
1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.) 2. Reference used are directly traceable to national standard through unbroken chain of calibration. 3. Results reported are valid at the time of and under the stated conditions of measurement 4. This Certificate refers only to the particular item calibrated. 5. Decision rule required - No 6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025 7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments	SHIVSHANKER SINGH (Chief Executive Officer)

*** End of Calibration Certificate ***



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000913F	Cali. Field - Fluid Flow	Page No. - 1 of 2
Certificate No.	LES-CCL/FF/PM/SC/105		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Issue Date	22.08.2023
Location of Performance for Calibration	On Site	Calibration Performed At	Site
		Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	Envirotech	APM - 550	721 - DTC - 2011

02. Details of DUC

Name	Dry Gas Meter	Environmental Conditions During Calibration	
Make/Model	Qinchuan / G1.6	Temperature (°C) :- 25 ± 10 °C	24.2
SI.No.	110121362	Relative Humidity (%) :- 45-75 %	54.2
Cal. Range / Resolution	16.67 lpm (±2%) / 0.0002 m3	Barometric Pressure (mmHg)	744.20

03. Standard Equipment used for calibration

SI.No.	Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
1	LFE Gas Flow Calibrator	0.5 - 50 lpm	0416 / LES-CCL/R/4901	PI Calibration Lab, Mumbai
2	Digital Stop Watch	10 Sec. - 59 min	LES-CCL/R/14510	LES - CCL, Gr. Noida
SI.No.	Certificate No.	Calibration Date	Valid Up to	
1	PICAL/0922/F/032	05.09.2022	04.09.2023	
2	LES-CCL/ET/SW/931	15.09.2022	14.09.2023	

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC/07

Remark : 1.Refer page 2 of 2 for Calibration Results

2.The Flowrate has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

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- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000913F		PageNo. - 2 of 2
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Certificate No.	LES-CCL/FF/PM/SC/105		

05. Calibration Results for Flow of Dry Gas Meter

S.No.	Test meter (DUC) Measured Flow (lpm)	Reference True Flow rate (lpm)	Error (%)
1	16.25	16.080	1.057
2	16.23	16.076	0.958
3	16.20	16.085	0.715
4	16.19	16.094	0.596
5	16.25	16.056	1.208

Type A standard Uncertainty
for repeated data (1-5)

± 0.0061 lpm

Expanded uncertainty in Actual flow
measurement, U (k=2)

± 0.8878 lpm ± 2.47 % Rdg

Note:- Final Readings of Dry Gas Meter at the end of Calibration: 1179.8586 m³

Uncertainty Contributing factor :-

1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida, (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescc1307@gmail.com, lescc1lab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescc1lab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000914F	Call. Field - Electro-Technical			Page No. - 1 of 1
Certificate No.	LES-CCL/ET/TT/SC/292				
Calibration Date	03.08.2023	Suggested Date of Next Calibration			02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathla, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	03.08.2023	Calibration Performed At	Site	Condition of DUC	OK
Location of Performance for Calibration		On Site			

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	Envirotech	APM - 550	721 - DTC - 2011

02. Details of DUC

Name	Time Totalizer	Environmental Conditions During Calibration	
SI.No.	T - 721	Temperature (°C) :- 25 ± 4 °C	25.8
Make	CE Germany	Relative Humidity (%) :- 30-75 %	54.0
Range / Resolution	0.01 - 99999.99 hrs. / 0.01 hrs.	Barometric Pressure (mmHg)	741.60

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2510	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.		Calibration Date	Valid Up to
PE23CC01414		11.03.2023	10.03.2024

04. Calibration Procedure LES-CCL/WI/31/ET/SC-03

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (Hrs/Min/Sec)	Reference Time		Error (%)	Expanded Uncertainty at 95 % of Confidence level (k =2)	
		Min.	Sec.		%	Sec.
1	0.25 /15.0 / 900 (Final Readings of TTR at the end of Calibration: 937.51 hrs)	15.0070	900.42	-0.05	± 2.30987	20.80

Uncertainty Contributing Factor :-

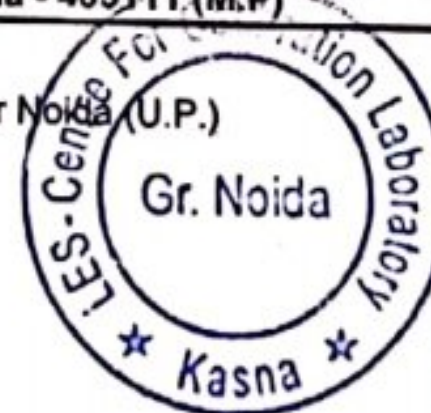
1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the Instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

.... End of Calibration Certificate



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

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E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000915F	Cali. Field - Fluid Flow	Page No. - 1 of 2
Certificate No.	LES-CCL/FF/PM/SC/419		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Calibration Performed At	Site
Location of Performance for Calibration	On Site	Issue Date	22.08.2023
		Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	Envirotech	APM - 550	722 - DTC - 2011

02. Details of DUC

Name	Dry Gas Meter	Environmental Conditions During Calibration	
Make/Model	Qinchuan / G1.6	Temperature (°C) :- 25 ± 10 °C	24.2
SI.No.	110121364	Relative Humidity (%) :- 45-75 %	54.2
Cal. Range / Resolution	16.67 lpm (±2%) / 0.0002 m3	Barometric Pressure (mmHg)	744.20

03. Standard Equipment used for calibration

SI.No.	Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
1	LFE Gas Flow Calibrator	0.5 - 50 lpm	0416 / LES-CCL/R/4901	PI Calibration Lab, Mumbai
2	Digital Stop Watch	10 Sec. - 59 min	LES-CCL/R/14510	LES - CCL, Gr. Noida
SI.No.	Certificate No.	Calibration Date	Valid Up to	
1	PICAL/0922/F/032	05.09.2022	04.09.2023	
2	LES-CCL/ET/SW/931	15.09.2022	14.09.2023	

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC/07

Remark : 1.Refer page 2 of 2 for Calibration Results

2.The Flowrate has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL.Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration .
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000915F		PageNo. - 2 of 2
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Certificate No.	LES-CCL/FF/PM/SC/419		

05. Calibration Results for Flow of Dry Gas Meter

S.No.	Test meter (DUC) Measured Flow (lpm)	Reference True Flow rate (lpm)	Error (%)
1	16.72	16.518	1.223
2	16.70	16.538	0.980
3	16.77	16.506	1.599
4	16.76	16.527	1.410
5	16.72	16.520	1.211

Type A standard Uncertainty
for repeated data (1-5)

± 0.0051 lpm

Expanded uncertainty in Actual flow
measurement, U (k=2)

± 0.9123 lpm ± 2.40 % Rdg

Note:- Final Readings of Dry Gas Meter at the end of Calibration: 669.8188 m³

Uncertainty Contributing factor :-

1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

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Website : www.lesccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000916F	Call. Field - Electro-Technical	Page No. - 1 of 1
Certificate No.	LES-CCL/ET/TT/SC/294		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :-	M/s Prism Johnson Limited		
Address :-	Village - Mankahari, P.O. Bathla, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Issue Date	22.08.2023
Location of Performance for Calibration	On Site	Calibration Performed At	Site
		Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	Envirotech	APM - 550	722 - DTC - 2011

02. Details of DUC

Name	Time Totalizer	Environmental Conditions During Calibration
SI.No.	T - 722	Temperature (°C) :- 25 ± 4 °C
Make	CE Germany	Relative Humidity (%) :- 30-75 %
Range / Resolution	0.01 - 99999.99 hrs. / 0.01 hrs.	Barometric Pressure (mmHg)
		25.8
		54.0
		741.60

03. Standard Equipment used for calibration

Standard Equipment Name	Range	Sl.No./ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2510	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.		Calibration Date	Valid Up to
PE23CC01414		11.03.2023	10.03.2024

04. Calibration Procedure LES-CCL/WI/31/ET/SC-03

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (Hrs/Min/Sec)	Reference Time	Error	Expanded Uncertainty at 95 % of Confidence level (k =2)
		Min.	Sec.	(%)
1	0.25 /15.0 / 900 (Final Readings of TTR at the end of Calibration: 1251.40 hrs)	15.0070	900.42	-0.05
				± 2.30987
				20.80

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-	Authorized By
1 This certificate shall not be reproduced, except in full without the written permission of LES-CCL,Kasna, Greater Noida (U.P.)	
2 Reference used are directly traceable to national standard through unbroken chain of calibration .	
3 Results reported are valid at the time of and under the stated conditions of measurement	
4. This Certificate refers only to the particular item calibrated.	
5. Decision rule required - No	
6 Our NABL certificate no. is CC-1051 valid up to 18.05.2025	
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments	
	SHIVSHANKER SINGH (Chief Executive Officer)



*** End of Calibration Certificate ***



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lesccl307@gmail.com, lesccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lesccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000917F	Cali. Field - Fluid Flow	Page No. - 1 of 2
Certificate No.	LES-CCL/FF/PM/SC/107		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Calibration Performed At	Site
Location of Performance for Calibration	On Site	Issue Date	22.08.2023
		Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	Envirotech	APM - 550	723 - DTC - 2011

02. Details of DUC

Name	Dry Gas Meter	Environmental Conditions During Calibration	
Make/Model	Qinchuan / G1.6	Temperature (°C) :- 25 ± 10 °C	24.2
SI.No.	110121361	Relative Humidity (%) :- 45-75 %	54.2
Cal. Range / Resolution	16.67 lpm (±2%) / 0.0002 m3	Barometric Pressure (mmHg)	744.20

03. Standard Equipment used for calibration

SI.No.	Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
1	LFE Gas Flow Calibrator	0.5 - 50 lpm	0416 / LES-CCL/R/4901	PI Calibration Lab, Mumbai
2	Digital Stop Watch	10 Sec. - 59 min	LES-CCL/R/14510	LES - CCL, Gr. Noida
SI.No.	Certificate No.	Calibration Date	Valid Up to	
1	PICAL/0922/F/032	05.09.2022	04.09.2023	
2	LES-CCL/ET/SW/931	15.09.2022	14.09.2023	

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC/07

Remark : 1.Refer page 2 of 2 for Calibration Results

2.The Flowrate has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-	Authorized By
1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)	 SHIVSHANKER SINGH (Chief Executive Officer)
2. Reference used are directly traceable to national standard through unbroken chain of calibration.	
3. Results reported are valid at the time of and under the stated conditions of measurement	
4. This Certificate refers only to the particular item calibrated.	
5. Decision rule required - No	
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025	
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments	



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000917F		PageNo. - 2 of 2
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Certificate No.	LES-CCL/FF/PM/SC/107		

05. Calibration Results for Flow of Dry Gas Meter

S.No.	Test meter (DUC) Measured Flow (lpm)	Reference True Flow rate (lpm)	Error (%)
1	16.52	16.370	0.916
2	16.51	16.338	1.053
3	16.56	16.356	1.247
4	16.58	16.366	1.308
5	16.48	16.378	0.623

Type A standard Uncertainty
for repeated data (1-5)

± 0.0066 lpm

Expanded uncertainty in Actual flow
measurement, U (k=2)

± 0.9035 lpm ± 2.43 % Rdg

Note:- Final Readings of Dry Gas Meter at the end of Calibration: 982.3680 m³

Uncertainty Contributing factor :-

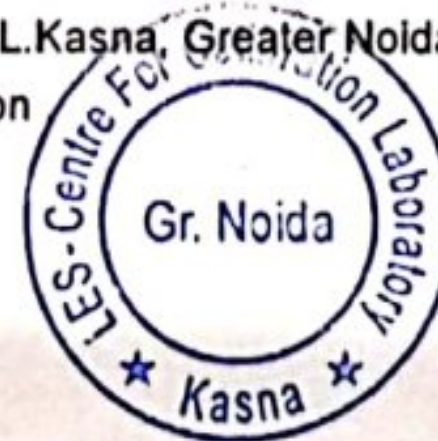
1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000918F	Cali. Field - Electro-Technical	Page No. - 1 of 1
Certificate No.	LES-CCL/ET/TT/SC/293		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :-	M/s Prism Johnson Limited		
Address :-	Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Calibration Performed At	Site
Location of Performance for Calibration	On Site		
Issue Date	22.08.2023	Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	Envirotech	APM - 550	723 - DTC - 2011

02. Details of DUC

Name	Time Totalizer	Environmental Conditions During Calibration	
SI.No.	T - 723	Temperature (°C) :- 25 ± 4 °C	25.8
Make	CE Germany	Relative Humidity (%) :- 30-75 %	54.0
Range / Resolution	0.01 - 99999.99 hrs. / 0.01 hrs.	Barometric Pressure (mmHg)	741.60

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2510	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.	Calibration Date	Valid Up to	
PE23CC01414	11.03.2023	10.03.2024	

04. Calibration Procedure LES-CCL/WI/31/ET/SC-03

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (Hrs/Min/Sec)	Reference Time		Error (%)	Expanded Uncertainty at 95 % of Confidence level (k = 2)	
		Min.	Sec.		%	Sec.
1	0.25 / 15.0 / 900 (Final Readings of TTR at the end of Calibration: 1260.54 hrs)	15.0070	900.42	-0.05	± 2.30987	20.80

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

*** End of Calibration Certificate ***



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

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Website : www.lesccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000911F	Cali. Field - Fluid Flow	Page No. - 1 of 2
Certificate No.	LES-CCL/FF/PM/SC/104		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Calibration Performed At	Site
Location of Performance for Calibration	On Site		
Issue Date	22.08.2023	Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	Envirotech	APM - 550	724 - DTC - 2011

02. Details of DUC

Name	Dry Gas Meter	Environmental Conditions During Calibration
Make/Model	Qinchuan / G1.6	Temperature (°C) :- 25 ± 10 °C
SI.No.	110121348	Relative Humidity (%) :- 45-75 %
Cal. Range / Resolution	16.67 lpm (±2%) / 0.0002 m3	Barometric Pressure (mmHg)
		24.2
		54.2
		744.20

03. Standard Equipment used for calibration

03. Standard Equipment used for calibration				
SI.No.	Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
1	LFE Gas Flow Calibrator	0.5 - 50 lpm	0416 / LES-CCL/R/4901	PI Calibration Lab, Mumbai
2	Digital Stop Watch	10 Sec. - 59 min	LES-CCL/R/14510	LES - CCL, Gr. Noida
SI.No.	Certificate No.	Calibration Date		Valid Up to
1	PICAL/0922/F/032	05.09.2022		04.09.2023
2	LES-CCL/ET/SW/931	15.09.2022		14.09.2023

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC/07

Remark : 1.Refer page 2 of 2 for Calibration Results

2.The Flowrate has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

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- Reference used are directly traceable to national standard through unbroken chain of calibration
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



ULR No.	CC105123000000911F		PageNo. - 2 of 2
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Certificate No.	LES-CCL/FF/PM/SC/104		

05. Calibration Results for Flow of Dry Gas Meter

S.No.	Test meter (DUC) Measured Flow (lpm)	Reference True Flow rate (lpm)	Error (%)
1	16.84	16.634	1.238
2	16.83	16.610	1.325
3	16.92	16.639	1.689
4	16.91	16.654	1.537
5	16.84	16.630	1.263

Type A standard Uncertainty
for repeated data (1-5)

± 0.0069 lpm

Expanded uncertainty in Actual flow
measurement, U (k=2)

± 0.9185 lpm ± 2.39 % Rdg

Note:- Final Readings of Dry Gas Meter at the end of Calibration: 529.6490 m³

Uncertainty Contributing factor :-

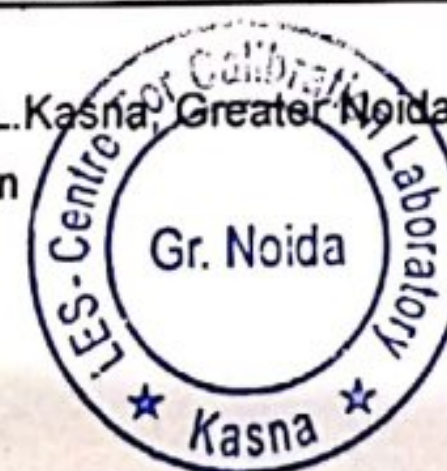
1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescc1307@gmail.com, lescc1lab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescc1lab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000912F	Call. Field - Electro-Technical	Page No. - 1 of 1
Certificate No.	LES-CCL/ET/TT/SC/291		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :-	M/s Prism Johnson Limited		
Address :-	Village - Mankahari, P.O. Bathla, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P.)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Calibration Performed At	Site
Location of Performance for Calibration	On Site	Issue Date	22.08.2023
		Condition of DUC	OK

01. DUC Fitted in Instrument

Name	Make	Model	SI.No.
Fine Particulate Sampler	Envirotech	APM - 550	724 - DTC - 2011

02. Details of DUC

Name	Time Totalizer	Environmental Conditions During Calibration	
SI.No.	T - 724	Temperature (°C) :- 25 ± 4 °C	25.8
Make	CE Germany	Relative Humidity (%) :- 30-75 %	54.0
Range / Resolution	0.01 - 99999.99 hrs. / 0.01 hrs.	Barometric Pressure (mmHg)	741.60

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2510	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.	Calibration Date	Valid Up to	
PE23CC01414	11.03.2023	10.03.2024	

04. Calibration Procedure LES-CCL/WI/31/ET/SC-03

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (Hrs/Min/Sec)	Reference Time		Error (%)	Expanded Uncertainty at 95 % of Confidence level (k=2)	
		Min.	Sec.		%	Sec.
1	0.25 / 15.0 / 900 (Final Readings of TTR at the end of Calibration: 1168.10 hrs)	15.0070	900.42	-0.05	± 2.30987	20.80

Uncertainty Contributing Factor :-

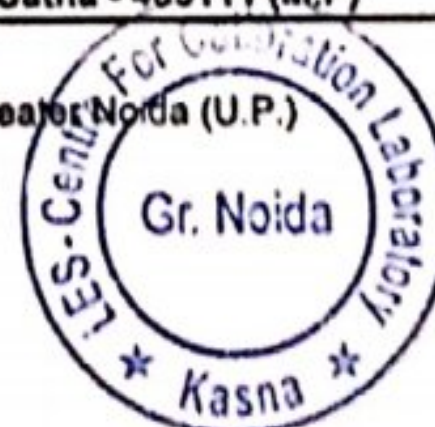
1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P.)

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

.... End of Calibration Certificate



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000929F		Cali. Field - Fluid Flow		Page 1 of 3	
Certificate No.	LES-CCL/FF/MF/SC/132					
Calibration Date	04.08.2023	Suggested Date of Next Calibration			03.08.2024	
Customer Name :-		M/s Prism Johnson Limited				
Address :-		Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023	
Date of DUC Receipt	04.08.2023	Calibration Performed At	Site	Condition of DUC	OK	
Location of Performance for Calibration		On Site				

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Respirable Dust Sampler	Thermo	TEI - 108NL	1976 - DTC - 2011

02. Details of (DUC)

Name	Orifice Manometer Flow	Environmental Conditions During Calibration	
Make/Trade Mark	Thermo	Temperature (°C) :- 25 ± 10 °C	2.5
SI.No.	1976 - DTC - 2011	Relative Humidity (%) :- 45-75 %	57
Cal. Range	0.7 -1.4 m ³ /min	Barometric Pressure (mmHg)	739.65
Resolution	0.01 & 0.025 m ³ /min		

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID No.	Traceability
Top Loading Orifice Calibrator	0.6 to 1.4 m ³ /min	57/LES-CCL/R/15304	Enviro Instruments Gr. Noida
Certificate No.	Cali. Date	Valid Up to	
EI/FF/4760	25.11.2022	24.11.2023	

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC/08

Remark : 1. Refer page 2 of 3 for Calibration Results and page 3 of 3 for Calibration Curve

2. The Flowrate has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :- 1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL.Kasna, Greater Noida (U.P.) 2. Reference used are directly traceable to national standard through unbroken chain of calibration. 3. Results reported are valid at the time of and under the stated conditions of measurement 4. This Certificate refers only to the particular item calibrated. 5. Decision rule required - No 6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025 7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments.		Authorized By SHIVSHANKER SINGH (Chief Executive Officer)
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LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000929F		Page No. - 2 of 3
Calibration Date	04.08.2023	Suggested Date of Next Calibration	03.08.2024
Certificate No.	LES-CCL/FF/MF/SC/132		

05. Calibration Results For Orifice Manometer Flow

S.No.	Test piece measured Indicated flow rate (m ³ /min)	Reference True measured flow rate in Calibration Curve (m ³ /min)	Error % (Rdg)	Expanded Uncertainty at 95 % of Confidence level (k =2)	
				± (m ³ /min)	(% Rdg)
1	1.400	1.340	4.478	0.044	3.30
2	1.27	1.230	3.252	0.041	3.30
3	1.04	1.000	4.000	0.033	3.30
4	0.86	0.820	4.878	0.033	3.30
5	0.750	0.720	4.167	0.024	3.30

(Curve Enclosed)

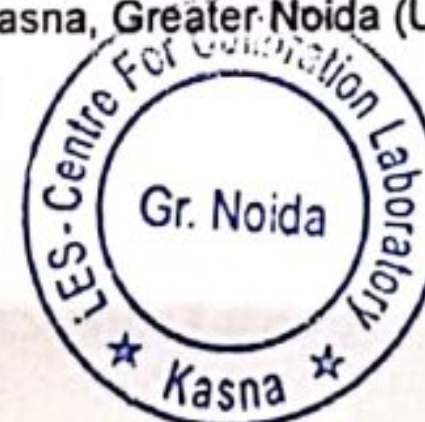
Uncertainty Contributing Factors :-

1. Repeatability (based on five measurements)
 2. Uncertainty of master instruments used for Flow measurement
 3. Uncertainty of master instruments used for Temp. Measurement (Temp. & RH Indicator)
 4. Uncertainty of master instruments used for Atm. Pressure Measurement (Barometer)
 5. Uncertainty due to resolution of DUC
- The evaluated Expanded Uncertainty in calibration at a coverage factor k = 2 , for degrees of freedom = ∞ and C.L is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL.Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration .
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments.



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SHIVSHANKER SINGH
(Chief Executive Officer)



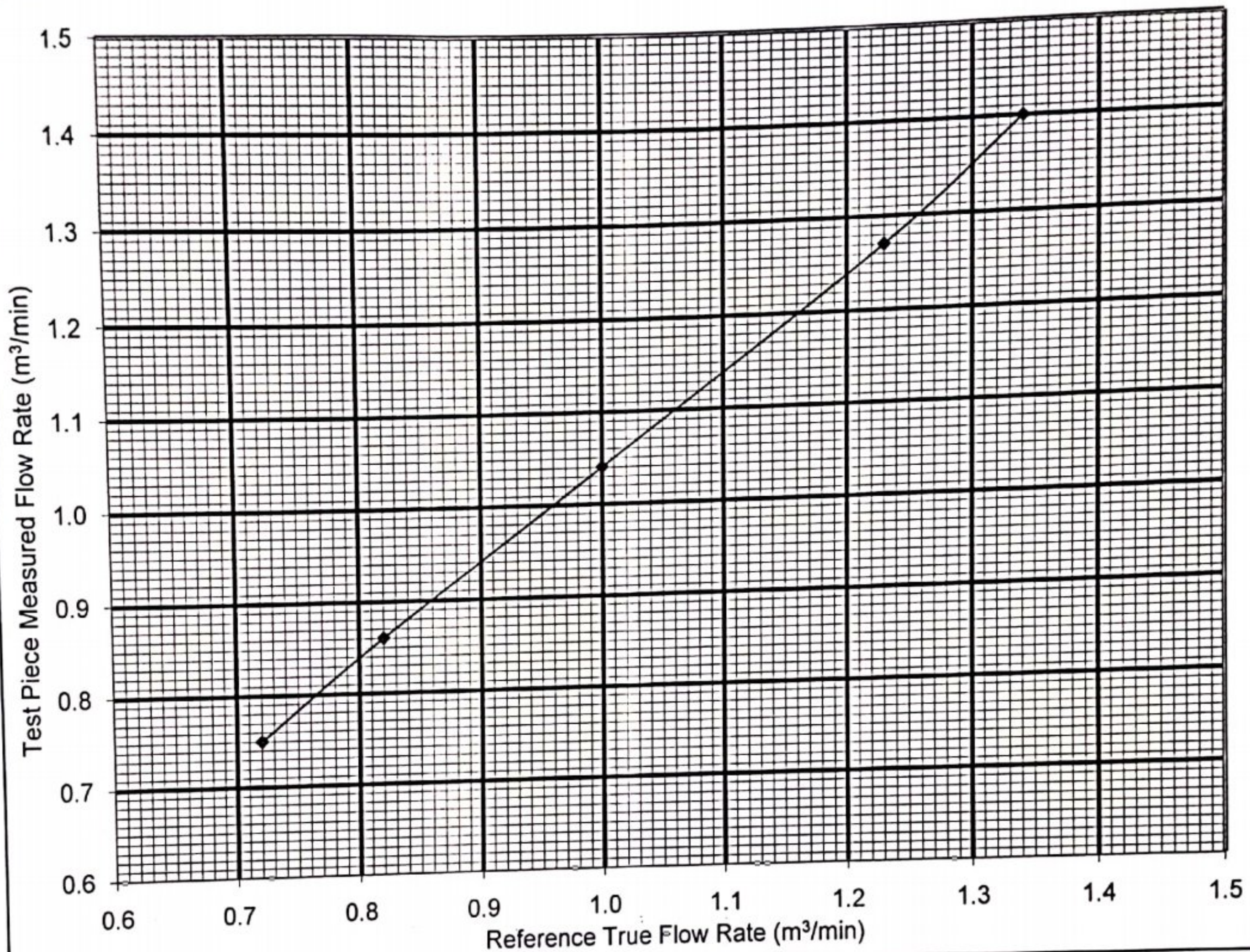
ULR No. CC105123000000929F
Date of Calibration:- 04.08.2023



CC-1051

CALIBRATION CURVE FOR ORIFICE MANOMETER FLOW

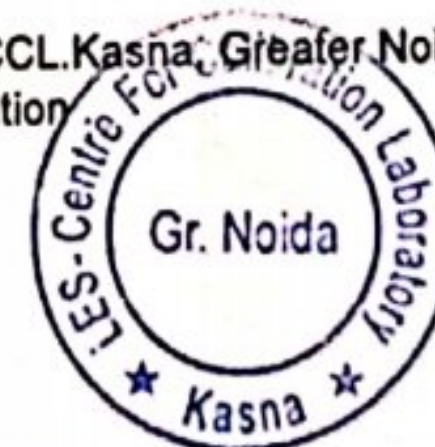
Page No. - 3 of 3



Sl.No.	Reference True Flow Rate (m³/min)	Test Piece Measured Flow Rate (m³/min)	Name of the Instrument	Respirable Dust Sampler
			Sl.No. of the Instruments	1976 - DTC - 2011
			Name of the unit calibrated	Orifice Manometer Flow
			Name of the Party	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)
1	0.720	0.750		
2	0.820	0.86		
3	1.000	1.04		
4	1.230	1.27		
5	1.340	1.400		

Notes :-

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- Reference used are directly traceable to national standard through unbroken chain of calibration
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments.



Authorized By

Shivshanker Singh

SHIVSHANKER SINGH
(Chief Executive Officer)

....End of Calibration Certificate....



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000930F	Call. Field - Electro-Technical	Page No. - 1 of 1
Certificate No.	LES-CCL/ET/TT/SC/299		
Calibration Date	04.08.2023	Suggested Date of Next Calibration	03.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahar, P.O. Bathla, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	04.08.2023	Issue Date	22.08.2023
Location of Performance for Calibration	On Site	Calibration Performed At	Site
		Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Respirable Dust Sampler	Thermo	TEI - 108NL	1976 - DTC - 2011

02. Details of DUC

Name	Time Totalizer	Environmental Conditions During Calibration	
SI.No.	T - 1976	Temperature (°C) :- 25 ± 4 °C	26.4
Make	Hours	Relative Humidity (%) :- 30-75 %	54.0
Range / Resolution	0.01 - 99999.99 hrs. / 0.01 hrs.	Barometric Pressure (mmHg)	740.20

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2510	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.	Calibration Date	Valid Up to	
PE23CC01414	11.03.2023	10.03.2024	

04. Calibration Procedure LES-CCL/WI/31/ET/SC-03

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (Hrs/Min/Sec)	Reference Time		Error (%)	Expanded Uncertainty at 95 % of Confidence level (k = 2)	
		Min.	Sec.		%	Sec.
1	0.25 / 15.0 / 900 (Final Readings of TTR at the end of Calibration: 110.69 hrs)	15.0086	900.516	-0.06	± 2.30966	20.80

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

.... End of Calibration Certificate



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000931F		Cali. Field - Fluid Flow		Page 1 of 3	
Certificate No.	LES-CCL/FF/MF/SC/133					
Calibration Date	04.08.2023	Suggested Date of Next Calibration				03.08.2024
Customer Name :- Address :-		M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023	
Date of DUC Receipt	04.08.2023	Calibration Performed At	Site	Condition of DUC	OK	
Location of Performance for Calibration		On Site				

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Respirable Dust Sampler	Thermo	TEI - 108NL	1977 - DTC - 2011

02. Details of (DUC)

Name	Orifice Manometer Flow	Environmental Conditions During Calibration	
Make/Trade Mark	Thermo	Temperature (°C) :- 25 ± 10 °C	2.5
SI.No.	1977 - DTC - 2011	Relative Humidity (%) :- 45-75 %	57
Cal. Range	0.7 -1.4 m ³ /min	Barometric Pressure (mmHg)	739.65
Resolution	0.01 & 0.025 m ³ /min		

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID No.	Traceability
Top Loading Orifice Calibrator	0.6 to 1.4 m ³ /min	57/LES-CCL/R/15304	Enviro Instruments Gr. Noida
Certificate No.	Cali. Date		Valid Up to
EI/FF/4760	25.11.2022		24.11.2023

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC/08

Remark : 1. Refer page 2 of 3 for Calibration Results and page 3 of 3 for Calibration Curve

2. The Flowrate has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments.



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000931F		Page No. - 2 of 3
Calibration Date	04.08.2023	Suggested Date of Next Calibration	03.08.2024
Certificate No.	LES-CCL/FF/MF/SC/133		

05. Calibration Results For Orifice Manometer Flow

S.No.	Test piece measured Indicated flow rate (m ³ /min)	Reference True measured flow rate in Calibration Curve (m ³ /min)	Error % (Rdg)	Expanded Uncertainty at 95 % of Confidence level (k =2)	
				± (m ³ /min)	(% Rdg)
1	1.400	1.350	3.704	0.045	3.30
2	1.25	1.210	3.306	0.040	3.30
3	1.03	1.000	3.000	0.033	3.30
4	0.89	0.860	3.488	0.033	3.30
5	0.775	0.740	4.730	0.024	3.30

(Curve Enclosed)

Uncertainty Contributing Factors :-

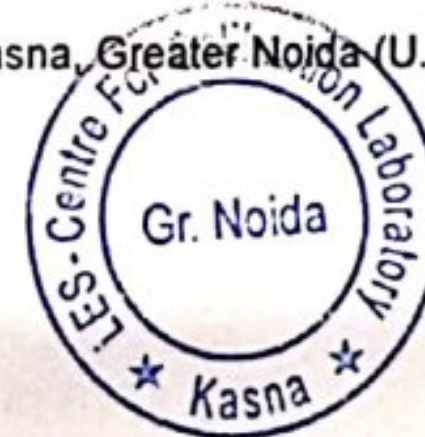
1. Repeatability (based on five measurements)
2. Uncertainty of master instruments used for Flow measurement
3. Uncertainty of master instruments used for Temp. Measurement (Temp. & RH Indicator)
4. Uncertainty of master instruments used for Atm. Pressure Measurement (Barometer)
5. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor k = 2 , for degrees of freedom = ∞ and C.L is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments.



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



ULR No. CC105123000000931F

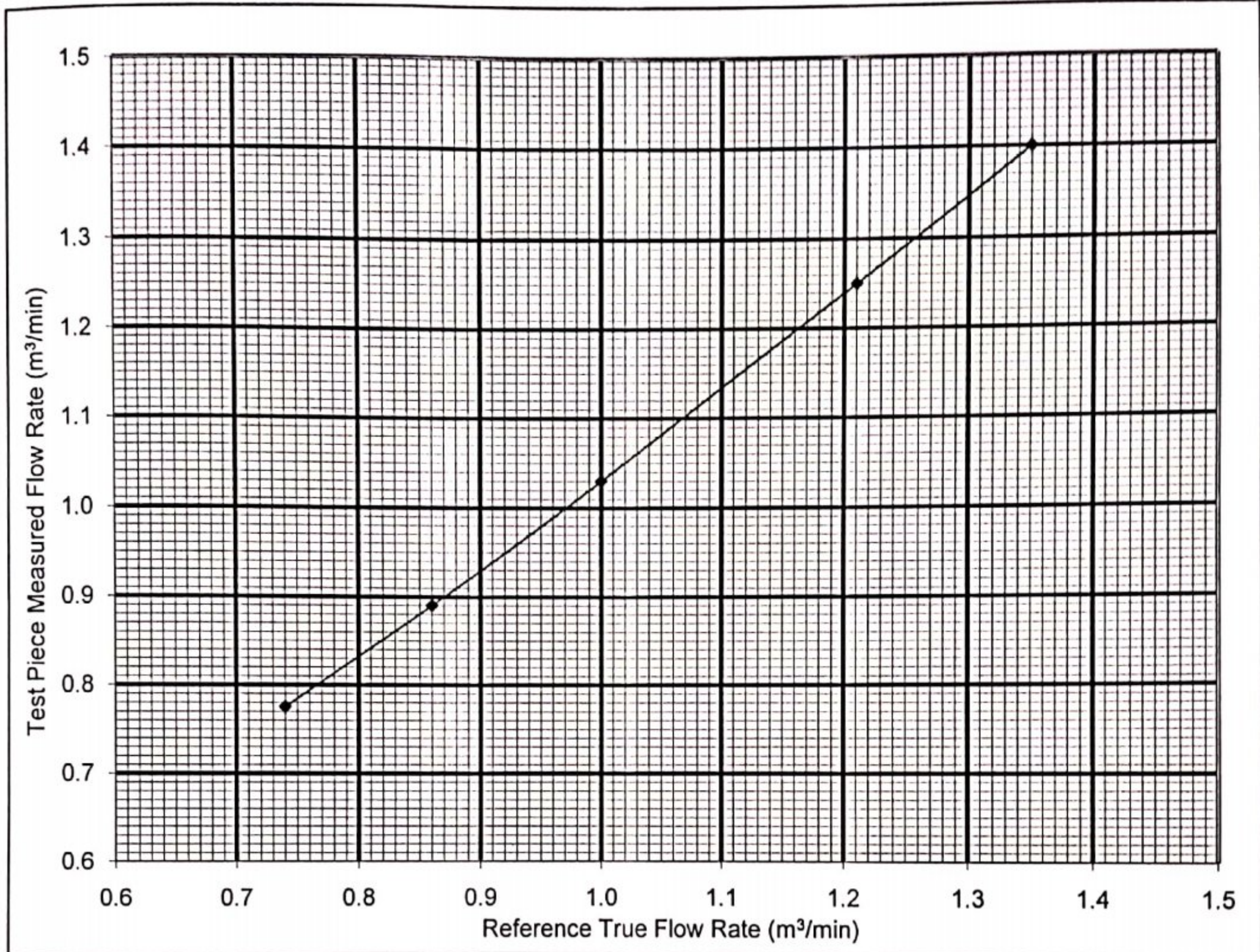
Date of Calibration:- 04.08.2023



CC-1051

CALIBRATION CURVE FOR ORIFICE MANOMETER FLOW

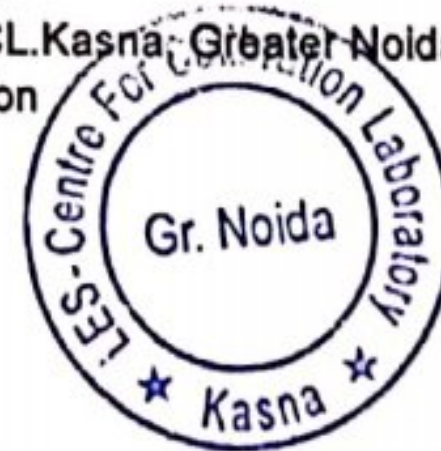
Page No. - 3 of 3



Sl.No.	Reference True Flow Rate (m³/min)	Test Piece Measured Flow Rate (m³/min)	Name of the Instrument	Respirable Dust Sampler
			Sl.No. of the Instruments	1977 - DTC - 2011
			Name of the unit calibrated	Orifice Manometer Flow
			Name of the Party	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)
1	0.740	0.775		
2	0.860	0.89		
3	1.000	1.03		
4	1.210	1.25		
5	1.350	1.400		

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments.



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

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E-mail : lesccl307@gmail.com, lesccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lesccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000932F	Call. Field - Electro-Technical	Page No. - 1 of 1
Certificate No.	LES-CCL/ET/TT/SC/300	Suggested Date of Next Calibration	03.08.2024
Calibration Date	04.08.2023		
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	04.08.2023	Calibration Performed At	Site
Location of Performance for Calibration	On Site		
		Issue Date	22.08.2023
		Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Respirable Dust Sampler	Thermo	TEI - 108NL	1977 - DTC - 2011

02. Details of DUC

Name	Time Totalizer	Environmental Conditions During Calibration	
SI.No.	T - 1977	Temperature (°C) :- 25 ± 4 °C	26.4
Make	Hours	Relative Humidity (%) :- 30-75 %	54.0
Range / Resolution	0.01 - 99999.99 hrs. / 0.01 hrs.	Barometric Pressure (mmHg)	740.20

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2510	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.		Calibration Date	Valid Up to
PE23CC01414		11.03.2023	10.03.2024

04. Calibration Procedure LES-CCL/WI/31/ET/SC-03

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)

04. Calibration

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)						
S.No.	Displayed Value on DUC (Hrs/Min/Sec)	Reference Time		Error	Expanded Uncertainty at 95 % of Confidence level (k =2)	
		Min.	Sec.	(%)	%	Sec.
1	0.25 /15.0 / 900 (Final Readings of TTR at the end of Calibration: 1860.49 hrs)	15.0086	900.516	-0.06	± 2.30966	20.80

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurement)
 2. Uncertainty of master instruments
 3. Uncertainty due to resolution of DUC
- The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

.... End of Calibration Certificate



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lesccl307@gmail.com, lesccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lesccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000933F		Cali. Field - Fluid Flow		Page 1 of 3	
Certificate No.	LES-CCL/FF/MF/SC/134					
Calibration Date	04.08.2023	Suggested Date of Next Calibration			03.08.2024	
Customer Name :-		M/s Prism Johnson Limited				
Address :-		Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023	
Date of DUC Receipt	04.08.2023	Calibration Performed At	Site	Condition of DUC	OK	
Location of Performance for Calibration		On Site				

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Respirable Dust Sampler	Thermo	TEI - 108NL	1980 - DTC - 2011

02. Details of (DUC)

Name	Orifice Manometer Flow	Environmental Conditions During Calibration	
Make/Trade Mark	Thermo	Temperature (°C) :- 25 ± 10 °C	2.5
SI.No.	1980 - DTC - 2011	Relative Humidity (%) :- 45-75 %	57
Cal. Range	0.7 - 1.4 m ³ /min	Barometric Pressure (mmHg)	739.65
Resolution	0.01 & 0.025 m ³ /min		

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID No.	Traceability
Top Loading Orifice Calibrator	0.6 to 1.4 m ³ /min	57/LES-CCL/R/15304	Enviro Instruments Gr. Noida
Certificate No.	Cali. Date	Valid Up to	
EI/FF/4760	25.11.2022	24.11.2023	

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC/08

Remark : 1. Refer page 2 of 3 for Calibration Results and page 3 of 3 for Calibration Curve

2. The Flowrate has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments.



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000933F		Page No. - 2 of 3
Calibration Date	04.08.2023	Suggested Date of Next Calibration	03.08.2024
Certificate No.	LES-CCL/FF/MF/SC/134		

05. Calibration Results For Orifice Manometer Flow

S.No.	Test piece measured Indicated flow rate (m ³ /min)	Reference True measured flow rate in Calibration Curve (m ³ /min)	Error % (Rdg)	Expanded Uncertainty at 95 % of Confidence level (k =2)	
				± (m ³ /min)	(% Rdg)
1	1.400	1.370	2.190	0.045	3.30
2	1.23	1.190	3.361	0.039	3.30
3	0.98	0.940	4.255	0.031	3.30
4	0.81	0.780	3.846	0.031	3.30
5	0.725	0.700	3.571	0.023	3.30

(Curve Enclosed)

Uncertainty Contributing Factors :-

1. Repeatability (based on five measurements)
 2. Uncertainty of master instruments used for Flow measurement
 3. Uncertainty of master instruments used for Temp. Measurement (Temp. & RH Indicator)
 4. Uncertainty of master instruments used for Atm. Pressure Measurement (Barometer)
 5. Uncertainty due to resolution of DUC
- The evaluated Expanded Uncertainty in calibration at a coverage factor k = 2, for degrees of freedom = ∞ and C.L is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments.



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(Chief Executive Officer)



ULR No. CC105123000000933F

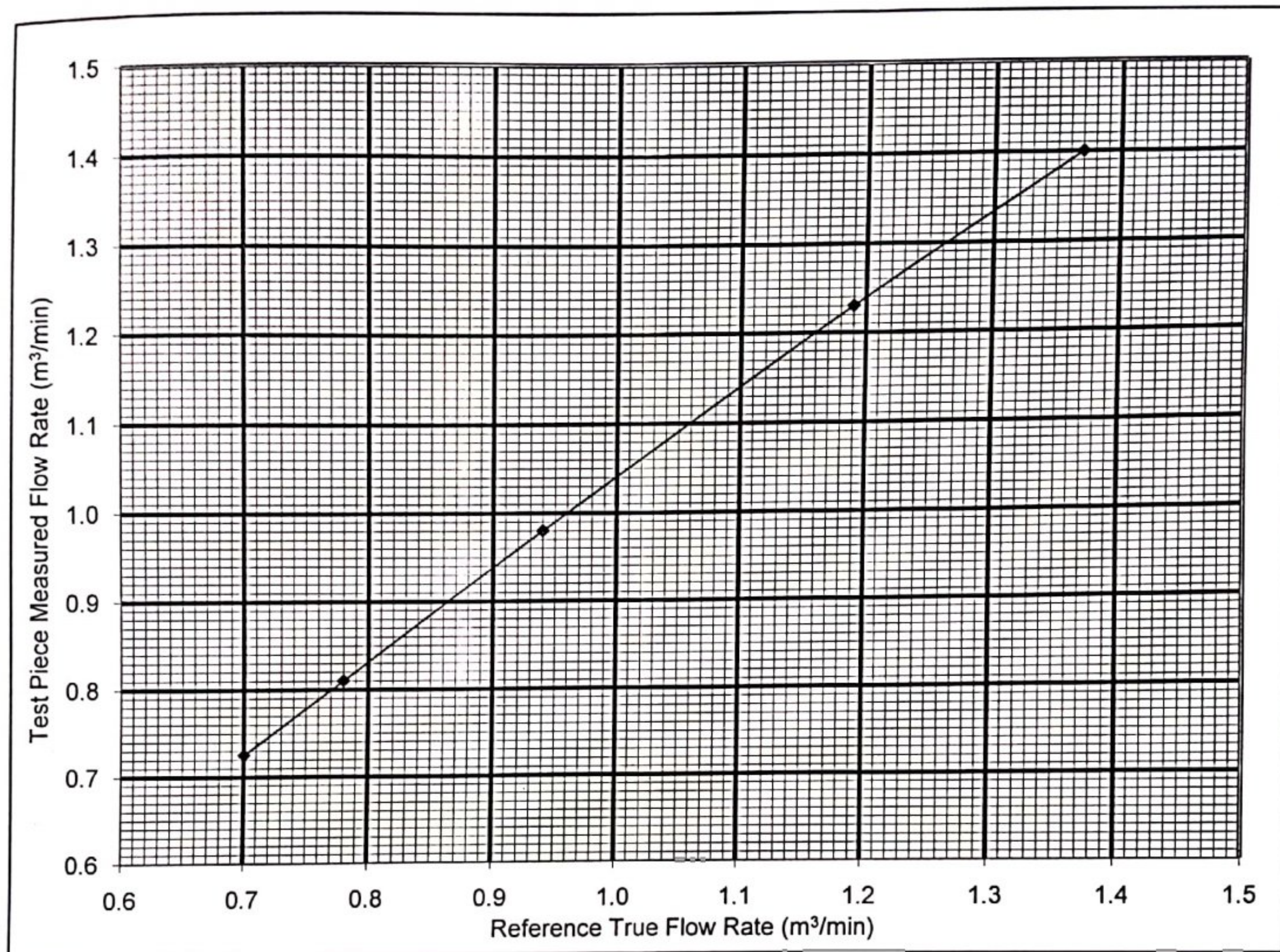
Date of Calibration:- 04.08.2023



CC-1051

Page No. - 3 of 3

CALIBRATION CURVE FOR ORIFICE MANOMETER FLOW



Sl.No.	Reference True Flow Rate (m³/min)	Test Piece Measured Flow Rate (m³/min)	Name of the Instrument		Respirable Dust Sampler
			Sl.No. of the Instruments		1980 - DTC - 2011
			Name of the unit calibrated		Orifice Manometer Flow
			Name of the Party		M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)
1	0.700	0.725			
2	0.780	0.81			
3	0.940	0.98			
4	1.190	1.23			
5	1.370	1.400			

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement.
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments.



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

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K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000934F	Call. Field - Electro-Technical			Page No. - 1 of 1
Certificate No.	LES-CCL/ET/TT/SC/301				
Calibration Date	04.08.2023	Suggested Date of Next Calibration			03.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	04.08.2023	Calibration Performed At	Site	Condition of DUC	OK
Location of Performance for Calibration		On Site			

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Respirable Dust Sampler	Thermo	TEI - 108NL	1980 - DTC - 2011

02. Details of DUC

Name	Time Totalizer	Environmental Conditions During Calibration	
SI.No.	T - 1980	Temperature (°C) :- 25 ± 4 °C	26.4
Make	Hours	Relative Humidity (%) :- 30-75 %	54.0
Range / Resolution	0.01 - 99999.99 hrs. / 0.01 hrs.	Barometric Pressure (mmHg)	740.20

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2510	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.	Calibration Date	Valid Up to	
PE23CC01414	11.03.2023	10.03.2024	

04. Calibration Procedure LES-CCL/WI/31/ET/SC-03

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (Hrs/Min/Sec)	Reference Time		Error (%)	Expanded Uncertainty at 95 % of Confidence level (k = 2)	
		Min.	Sec.		%	Sec.
1	0.25 / 15.0 / 900 (Final Readings of TTR at the end of Calibration: 3587.28 hrs)	15.0086	900.516	-0.06	± 2.30966	20.80

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P.)

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

*** End of Calibration Certificate ***



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000935F	Call. Field - Fluid Flow	Page 1 of 3
Certificate No.	LES-CCL/FF/MF/SC/135		
Calibration Date	04.08.2023	Suggested Date of Next Calibration	03.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahar, P.O. Bathla, Tehsil - Rampur Bagholan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	04.08.2023	Issue Date	22.08.2023
Location of Performance for Calibration	On Site	Calibration Performed At	Site
		Condition of DUC	OK

01. DUC Fitted in Instrument

Name	Make	Model	SI.No.
Respirable Dust Sampler	Thermo	TEI - 108NL	1981 - DTC - 2011

02. Details of (DUC)

Name	Orifice Manometer Flow	Environmental Conditions During Calibration
Make/Trade Mark	Thermo	Temperature (°C) :- 25 ± 10 °C
SI.No.	1981 - DTC - 2011	Relative Humidity (%) :- 45-75 %
Cal. Range	0.7 - 1.4 m ³ /min	Barometric Pressure (mmHg)
Resolution	0.01 & 0.025 m ³ /min	739.65

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID No.	Traceability
Top Loading Orifice Calibrator	0.6 to 1.4 m ³ /min	57/LES-CCL/R/15304	Enviro Instruments Gr. Noida
Certificate No.	Call. Date	Valid Up to	
EI/FF/4760	25.11.2022	24.11.2023	

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC/08

Remark : 1. Refer page 2 of 3 for Calibration Results and page 3 of 3 for Calibration Curve

2. The Flowrate has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments.



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000935F		Page No. - 2 of 3
Calibration Date	04.08.2023	Suggested Date of Next Calibration	03.08.2024
Certificate No.	LES-CCL/FF/MF/SC/135		

05. Calibration Results For Orifice Manometer Flow

S.No.	Test piece measured Indicated flow rate (m ³ /min)	Reference True measured flow rate in Calibration Curve (m ³ /min)	Error % (Rdg)	Expanded Uncertainty at 95 % of Confidence level (k =2)	
				± (m ³ /min)	(% Rdg)
1	1.375	1.320	4.167	0.044	3.30
2	1.20	1.160	3.448	0.038	3.30
3	1.01	0.970	4.124	0.032	3.30
4	0.85	0.830	2.410	0.032	3.30
5	0.725	0.700	3.571	0.023	3.30

(Curve Enclosed)

Uncertainty Contributing Factors :-

1. Repeatability (based on five measurements)
2. Uncertainty of master instruments used for Flow measurement
3. Uncertainty of master instruments used for Temp. Measurement (Temp. & RH Indicator)
4. Uncertainty of master instruments used for Atm. Pressure Measurement (Barometer)
5. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and C.L is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments.



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



ULR No. CC105123000000935F

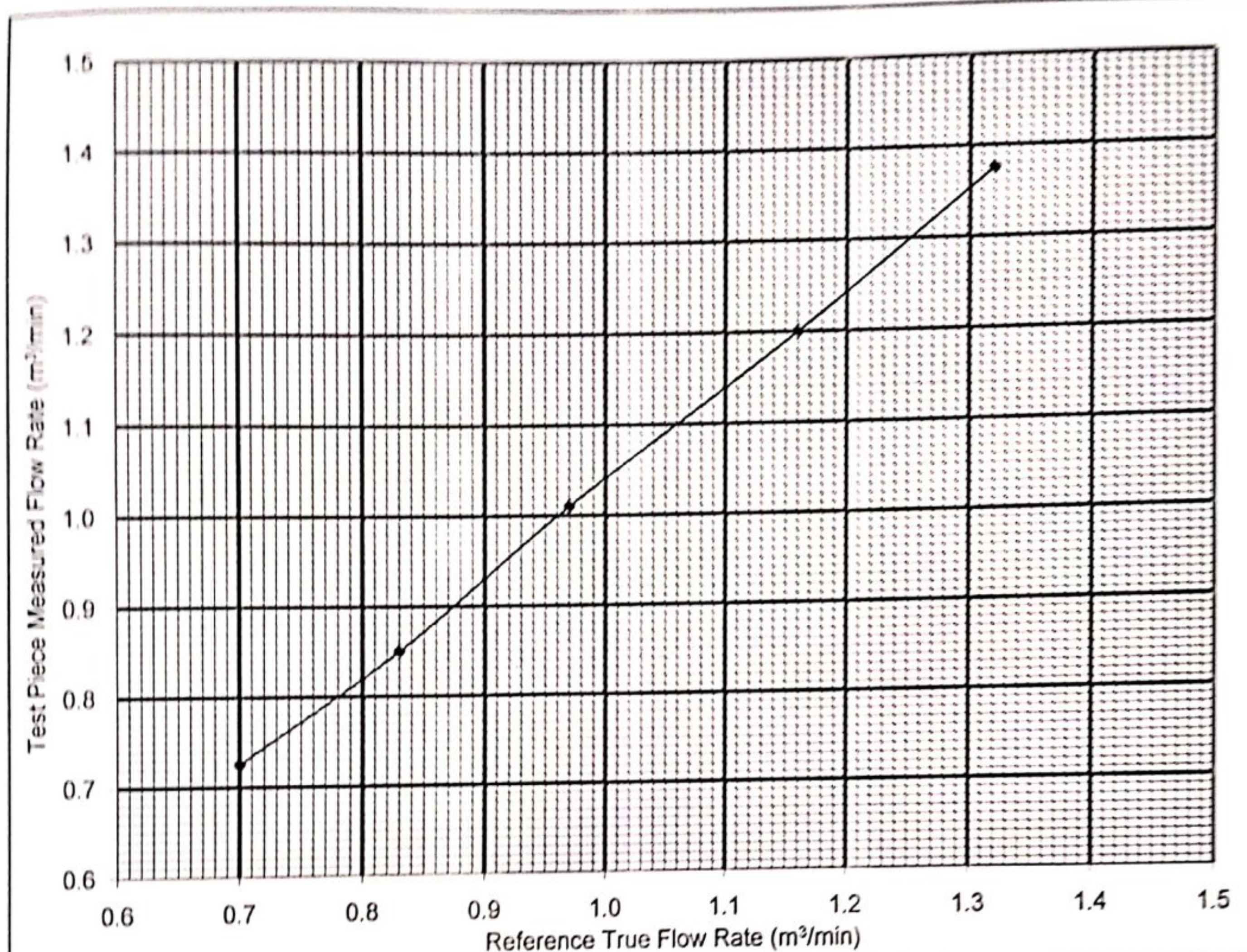
Date of Calibration:- 04.08.2023



CC-1051

CALIBRATION CURVE FOR ORIFICE MANOMETER FLOW

Page No. - 2 of 2



Sl.No.	Reference True Flow Rate (m³/min)	Test Piece Measured Flow Rate (m³/min)	Name of the Instrument		Respirable Dust Sampler
			SI.No. of the Instruments		1981 - DTC - 2011
			Name of the unit calibrated		Orifice Manometer Flow
			Name of the Party		M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)
1	0.700	0.725			
2	0.830	0.85			
3	0.970	1.01			
4	1.160	1.20			
5	1.320	1.375			

Notes :-

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3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments.



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

....End of Calibration Certificate....



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescc1307@gmail.com, lescc1lab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescc1lab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000936F	Call. Field - Electro-Technical	Page No. - 1 of 1
Certificate No.	LES-CCL/ET/TT/SC/302		
Calibration Date	04.08.2023	Suggested Date of Next Calibration	03.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahar, P.O. Bathla, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	04.08.2023	Calibration Performed At	Site
Location of Performance for Calibration	On Site		
Issue Date	22.08.2023	Condition of DUC	OK

01. DUC Fitted In Instrument

Name	Make	Model	SI.No.
Respirable Dust Sampler	Thermo	TEI - 108NL	1981 - DTC - 2011

02. Details of DUC

Name	Time Totalizer	Environmental Conditions During Calibration
SI.No.	T - 1981	Temperature (°C) :- 25 ± 4 °C
Make	Hours	Relative Humidity (%) :- 30-75 %
Range / Resolution	0.01 - 99999.99 hrs. / 0.01 hrs.	Barometric Pressure (mmHg)
		26.4
		54.0
		740.20

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2510	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.	Calibration Date	Valid Up to	
PE23CC01414	11.03.2023	10.03.2024	

04. Calibration Procedure LES-CCL/WI/31/ET/SC-03

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (Hrs/Min/Sec)	Reference Time	Error	Expanded Uncertainty at 95 % of Confidence level (k = 2)
		Min.	Sec.	(%)
1	0.25 / 15.0 / 900 (Final Readings of TTR at the end of Calibration: 168.91 hrs)	15.0086	900.516	-0.06
				± 2.30966
				20.80

Uncertainty Contributing Factor :-

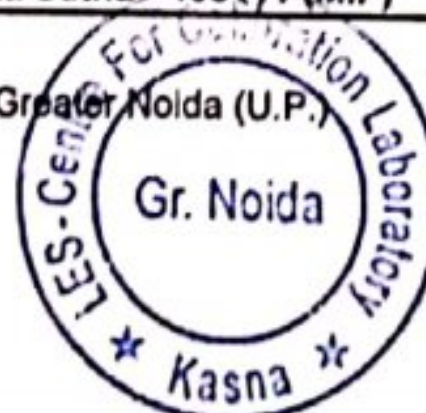
1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS In affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

.... End of Calibration Certificate



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000927F		Cali. Field - Fluid Flow		Page 1 of 3
Certificate No.	LES-CCL/FF/MF/SC/131				
Calibration Date	04.08.2023	Suggested Date of Next Calibration			03.08.2024
Customer Name :-		M/s Prism Johnson Limited			
Address :-		Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)			
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	04.08.2023	Calibration Performed At	Site	Condition of DUC	OK
Location of Performance for Calibration		On Site			

01. DUC Fitted in instrument

Name	Make	Model	Sl.No.
Respirable Dust Sampler	Thermo	TEI - 108NL	229 - TEF - 21

02. Details of (DUC)

Name	Orifice Manometer Flow	Environmental Conditions During Calibration	
Make/Trade Mark	Thermo	Temperature (°C) :- 25 ± 10 °C	2.5
Sl.No.	229 - TEF - 21	Relative Humidity (%) :- 45-75 %	57
Cal. Range	0.7 -1.4 m ³ /min	Barometric Pressure (mmHg)	739.65
Resolution	0.01 & 0.025 m ³ /min		

03. Standard Equipment used for calibration

Standard Equipment Name	Range	Sl.No./ID No.	Traceability
Top Loading Orifice Calibrator	0.6 to 1.4 m ³ /min	57/LES-CCL/R/15304	Enviro Instruments Gr. Noida
Certificate No.	Cali. Date	Valid Up to	
EI/FF/4760	25.11.2022	24.11.2023	

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC/08

Remark : 1. Refer page 2 of 3 for Calibration Results and page 3 of 3 for Calibration Curve

2.The Flowrate has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the Instruments.



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000927F		Page No. - 2 of 3
Calibration Date	04.08.2023	Suggested Date of Next Calibration	03.08.2024
Certificate No.	LES-CCL/FF/MF/SC/131		

05. Calibration Results For Orifice Manometer Flow

S.No.	Test piece measured Indicated flow rate (m ³ /min)	Reference True measured flow rate in Calibration Curve (m ³ /min)	Error % (Rdg)	Expanded Uncertainty at 95 % of Confidence level (k =2)	
				± (m ³ /min)	(% Rdg)
1	1.375	1.320	4.167	0.044	3.30
2	1.19	1.150	3.478	0.038	3.30
3	1.01	0.980	3.061	0.032	3.30
4	0.95	0.910	4.396	0.032	3.30
5	0.775	0.750	3.333	0.025	3.30

(Curve Enclosed)

Uncertainty Contributing Factors :-

1. Repeatability (based on five measurements)
 2. Uncertainty of master instruments used for Flow measurement
 3. Uncertainty of master instruments used for Temp. Measurement (Temp. & RH Indicator)
 4. Uncertainty of master instruments used for Atm. Pressure Measurement (Barometer)
 5. Uncertainty due to resolution of DUC
- The evaluated Expanded Uncertainty in calibration at a coverage factor k = 2 , for degrees of freedom = ∞ and C.L is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments.



Authorized By

Shivshanker Singh

SHIVSHANKER SINGH
(Chief Executive Officer)



ULR No. CC105123000000927F

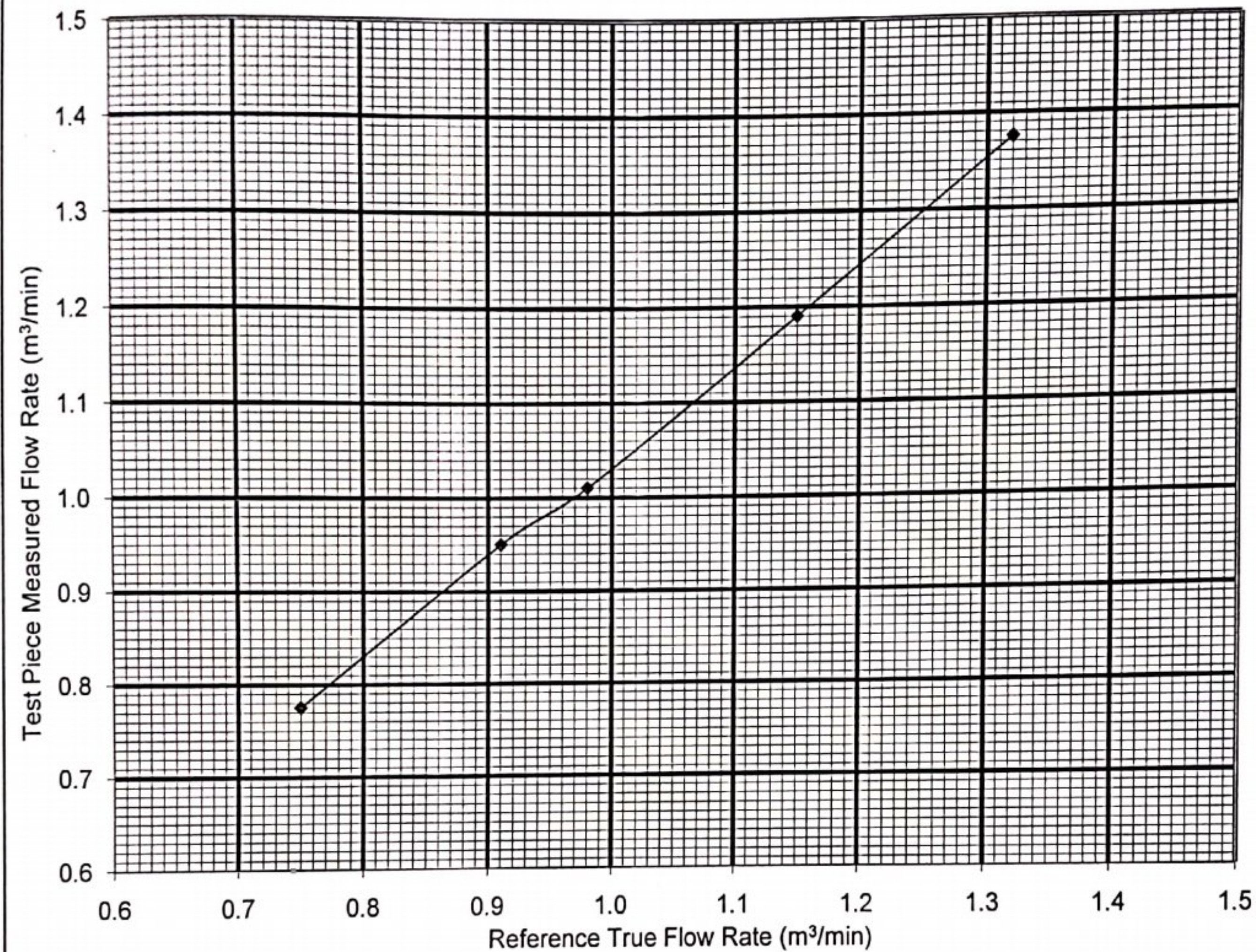
Date of Calibration:- 04.08.2023



CC-1051

CALIBRATION CURVE FOR ORIFICE MANOMETER FLOW

Page No. - 3 of 3



Sl.No.	Reference True Flow Rate (m³/min)	Test Piece Measured Flow Rate (m³/min)	Name of the Instrument	Respirable Dust Sampler
			Sl.No. of the Instruments	229 - TEF - 21
			Name of the unit calibrated	Orifice Manometer Flow
			Name of the Party	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)
1	0.750	0.775		
2	0.910	0.95		
3	0.980	1.01		
4	1.150	1.19		
5	1.320	1.375		

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments.



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescc1307@gmail.com, lescc1lab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescc1lab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000928F	Cali. Field - Electro-Technical			Page No. - 1 of 1
Certificate No.	LES-CCL/ET/TT/SC/298				
Calibration Date	04.08.2023	Suggested Date of Next Calibration			03.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	04.08.2023	Calibration Performed At	Site	Condition of DUC	OK
Location of Performance for Calibration		On Site			

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Respirable Dust Sampler	Thermo	TEI - 108NL	229 - TEF - 21

02. Details of DUC

Name	Time Totalizer	Environmental Conditions During Calibration	
SI.No.	T - 229	Temperature (°C) :- 25 ± 4 °C	26.4
Make	Hours	Relative Humidity (%) :- 30-75 %	54.0
Range / Resolution	0.01 - 99999.99 hrs. / 0.01 hrs.	Barometric Pressure (mmHg)	740.20

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2510	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.	Calibration Date	Valid Up to	
PE23CC01414	11.03.2023	10.03.2024	

04. Calibration Procedure LES-CCL/WI/31/ET/SC-03

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (Hrs/Min/Sec)	Reference Time		Error (%)	Expanded Uncertainty at 95 % of Confidence level (k = 2)	
		Min.	Sec.		%	Sec.
1	0.25 / 15.0 / 900 (Final Readings of TTR at the end of Calibration: 61.40 hrs)	15.0086	900.516	-0.06	± 2.30966	20.80

Uncertainty Contributing Factor :-

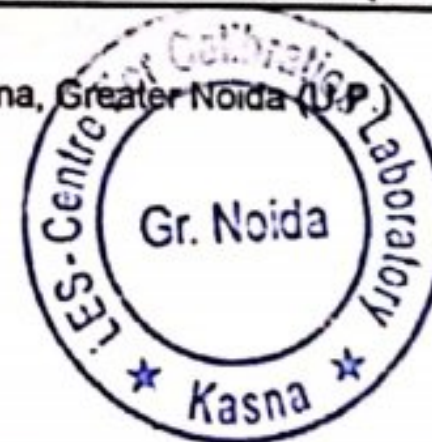
1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

.... End of Calibration Certificate



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

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E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000925F		Cali. Field - Fluid Flow		Page 1 of 3
Certificate No.	LES-CCL/FF/MF/SC/130				
Calibration Date	04.08.2023	Suggested Date of Next Calibration			03.08.2024
Customer Name :- Address :-		M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)			
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	04.08.2023	Calibration Performed At	Site	Condition of DUC	OK
Location of Performance for Calibration		On Site			

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Respirable Dust Sampler	Thermo	TEI - 108NL	230 - TEF - 21

02. Details of (DUC)

Name	Orifice Manometer Flow	Environmental Conditions During Calibration	
Make/Trade Mark	Thermo	Temperature (°C) :- 25 ± 10 °C	2.5
SI.No.	230 - TEF - 21	Relative Humidity (%) :- 45-75 %	57
Cal. Range	0.7 -1.4 m ³ /min	Barometric Pressure (mmHg)	739.65
Resolution	0.01 & 0.025 m ³ /min		

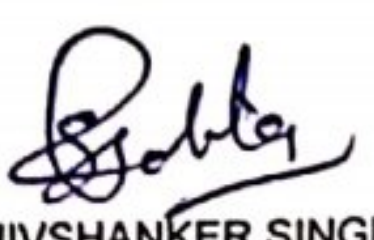
03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID No.	Traceability
Top Loading Orifice Calibrator	0.6 to 1.4 m ³ /min	57/LES-CCL/R/15304	Enviro Instruments Gr. Noida
Certificate No.	Cali. Date	Valid Up to	
EI/FF/4760	25.11.2022	24.11.2023	

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC/08

Remark : 1. Refer page 2 of 3 for Calibration Results and page 3 of 3 for Calibration Curve

2.The Flowrate has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :- 1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.) 2. Reference used are directly traceable to national standard through unbroken chain of calibration 3. Results reported are valid at the time of and under the stated conditions of measurement 4. This Certificate refers only to the particular item calibrated. 5. Decision rule required - No 6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025 7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments.		Authorized By  SHIVSHANKER SINGH (Chief Executive Officer)
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LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000925F		Page No. - 2 of 3
Calibration Date	04.08.2023	Suggested Date of Next Calibration	03.08.2024
Certificate No.	LES-CCL/FF/MF/SC/130		

05. Calibration Results For Orifice Manometer Flow

S.No.	Test piece measured Indicated flow rate (m ³ /min)	Reference True measured flow rate in Calibration Curve (m ³ /min)	Error % (Rdg)	Expanded Uncertainty at 95 % of Confidence level (k =2)	
				± (m ³ /min)	(% Rdg)
1	1.350	1.400	-3.571	0.046	3.30
2	1.200	1.240	-3.226	0.041	3.30
3	0.97	1.020	-4.902	0.034	3.30
4	0.86	0.880	-2.273	0.034	3.30
5	0.750	0.780	-3.846	0.026	3.30

(Curve Enclosed)

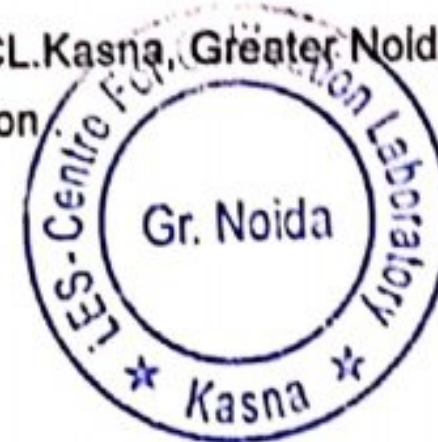
Uncertainty Contributing Factors :-

1. Repeatability (based on five measurements)
 2. Uncertainty of master instruments used for Flow measurement
 3. Uncertainty of master instruments used for Temp. Measurement (Temp. & RH Indicator)
 4. Uncertainty of master instruments used for Atm. Pressure Measurement (Barometer)
 5. Uncertainty due to resolution of DUC
- The evaluated Expanded Uncertainty in calibration at a coverage factor k = 2 , for degrees of freedom = ∞ and C.L is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments.



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SHIVSHANKER SINGH
(Chief Executive Officer)



ULR No. CC105123000000925F

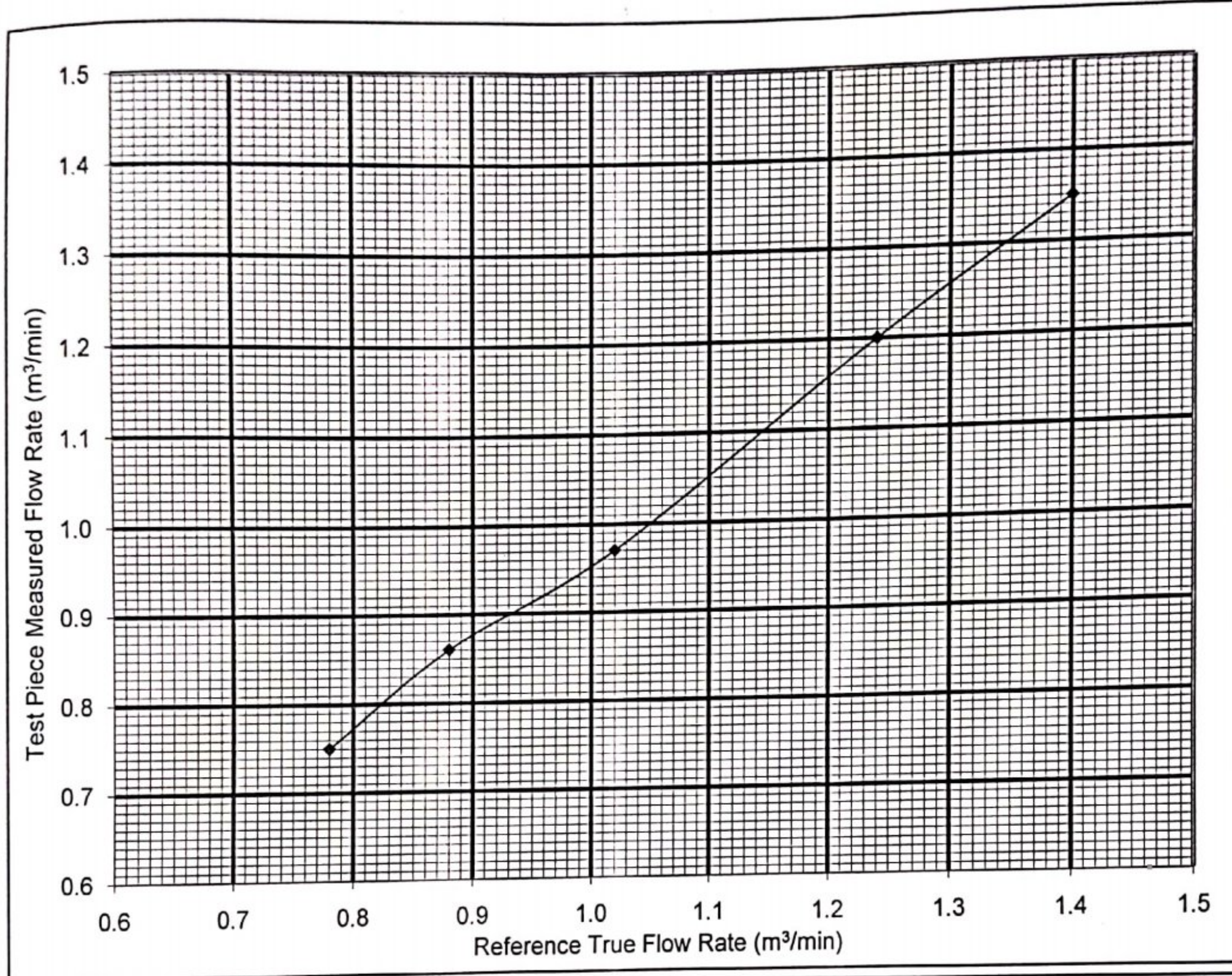
Date of Calibration:- 04.08.2023



CC-1051

CALIBRATION CURVE FOR ORIFICE MANOMETER FLOW

Page No. - 3 of 3



Sl.No.	Reference True Flow Rate (m³/min)	Test Piece Measured Flow Rate (m³/min)	Name of the Instrument	Respirable Dust Sampler
			Sl.No. of the Instruments	230 - TEF - 21
			Name of the unit calibrated	Orifice Manometer Flow
			Name of the Party	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)
1	0.780	0.750		
2	0.880	0.86		
3	1.020	0.97		
4	1.240	1.20		
5	1.400	1.350		

Notes :-

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- Reference used are directly traceable to national standard through unbroken chain of calibration
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments.



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000926F	Cali. Field - Electro-Technical		Page No. - 1 of 1	
Certificate No.	LES-CCL/ET/TT/SC/297				
Calibration Date	04.08.2023	Suggested Date of Next Calibration		03.08.2024	
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	04.08.2023	Calibration Performed At	Site	Condition of DUC	OK
Location of Performance for Calibration		On Site			

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Respirable Dust Sampler	Thermo	TEI - 108NL	230 - TEF - 21

02. Details of DUC

Name	Time Totalizer	Environmental Conditions During Calibration	
SI.No.	T - 230	Temperature (°C) :- 25 ± 4 °C	26.4
Make	Hours	Relative Humidity (%) :- 30-75 %	54.0
Range / Resolution	0.01 - 99999.99 hrs. / 0.01 hrs.	Barometric Pressure (mmHg)	740.20

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No./ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2510	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.	Calibration Date	Valid Up to	
PE23CC01414	11.03.2023	10.03.2024	

04. Calibration Procedure LES-CCL/WI/31/ET/SC-03

05. Calibration Results : DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (Hrs/Min/Sec)	Reference Time		Error (%)	Expanded Uncertainty at 95 % of Confidence level ($k=2$)	
		Min.	Sec.		%	Sec.
1	0.25 / 15.0 / 900 (Final Readings of TTR at the end of Calibration: 131.60 hrs)	15.0086	900.516	-0.06	± 2.30966	20.80

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurement)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k=2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

*** End of Calibration Certificate ***



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lesccl307@gmail.com, lesccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lesccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000940F	Cali. Field - Fluid Flow	Page No. - 1 of 3
Certificate No.	LES-CCL/FF/RF/SC/313		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Calibration Performed At	Site
Location of Performance for Calibration	On Site		
Issue Date	22.08.2023	Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Gaseous Sampling Attachment	Envirotech	APM - 411	4298 - DTC - 2011

02. Details of DUC

Name	Rotameter	Environmental Conditions During Calibration	
Resolution	0.1 lpm	Temperature (°C) :- 25 ± 10 °C	29.6
ID.No.	09/0228	Relative Humidity (%) :- 45-75 %	58
Cal. Range / Range	0.5 - 3.0 lpm / 0 - 3.0 lpm	Barometric Pressure (mmHg)	740.20

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No. / ID. No.	Traceability
LFE Gas Flow Calibrator	0.5 - 50 lpm	0416 / LES-CCL/R/4901	PI Calibration Laboratory, Mumbai
Certificate No.	Calibration Date		Valid Up to
PICAL/0922/F/032	05.09.2022		04.09.2023

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC-07

Remark 1.Refer page 2 of 3 for Calibration Results and 3 of 3 for Calibration Curve

2.The Flow Rate has been Referenced to Standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL.Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration .
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000940F		Page No. - 2 of 3
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Certificate No.	LES-CCL/FF/RF/SC/313		

05. Calibration Results for Flow of Rotameter

S.No.	(DUC) Indicated reading (lpm)	Reference True Flow rate (lpm)	Error (%) FS	Calibration Factor
1	0.5	0.470	1.000	0.940
2	0.5	0.471	0.967	0.942
3	0.5	0.472	0.933	0.944
4	0.5	0.473	0.900	0.946
5	0.5	0.474	0.867	0.948
6	1.0	0.958	1.400	0.958
7	1.5	1.467	1.100	0.978
8	2.0	1.942	1.933	0.971
9	2.5	2.450	1.667	0.980
10	3.0	2.928	2.400	0.976
11	3.0	2.944	1.867	0.981
12	3.0	2.945	1.833	0.982
13	3.0	2.946	1.800	0.982
14	3.0	2.947	1.767	0.982

(Curve Enclosed)

Type A standard Uncertainty

I. for repeated data (1-5)

± 0.0007 lpm

II. for repeated data (10-14)

± 0.0007 lpm

Expanded uncertainty in Actual flow measurement at 95% as a coverage factor k=2

I. 0.5 lpm

± 13.02 % Rdg

or 1.93 %FS

II. 3.0 lpm

± 2.31 % Rdg

or 2.15 %FS

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurements)

2. Uncertainty of master instruments

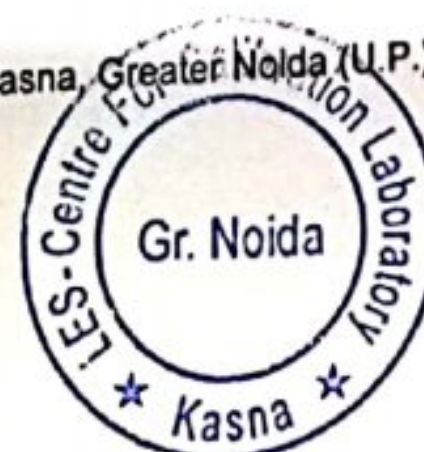
3. Resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

Shivshanker Singh
SHIVSHANKER SINGH
(Chief Executive Officer)



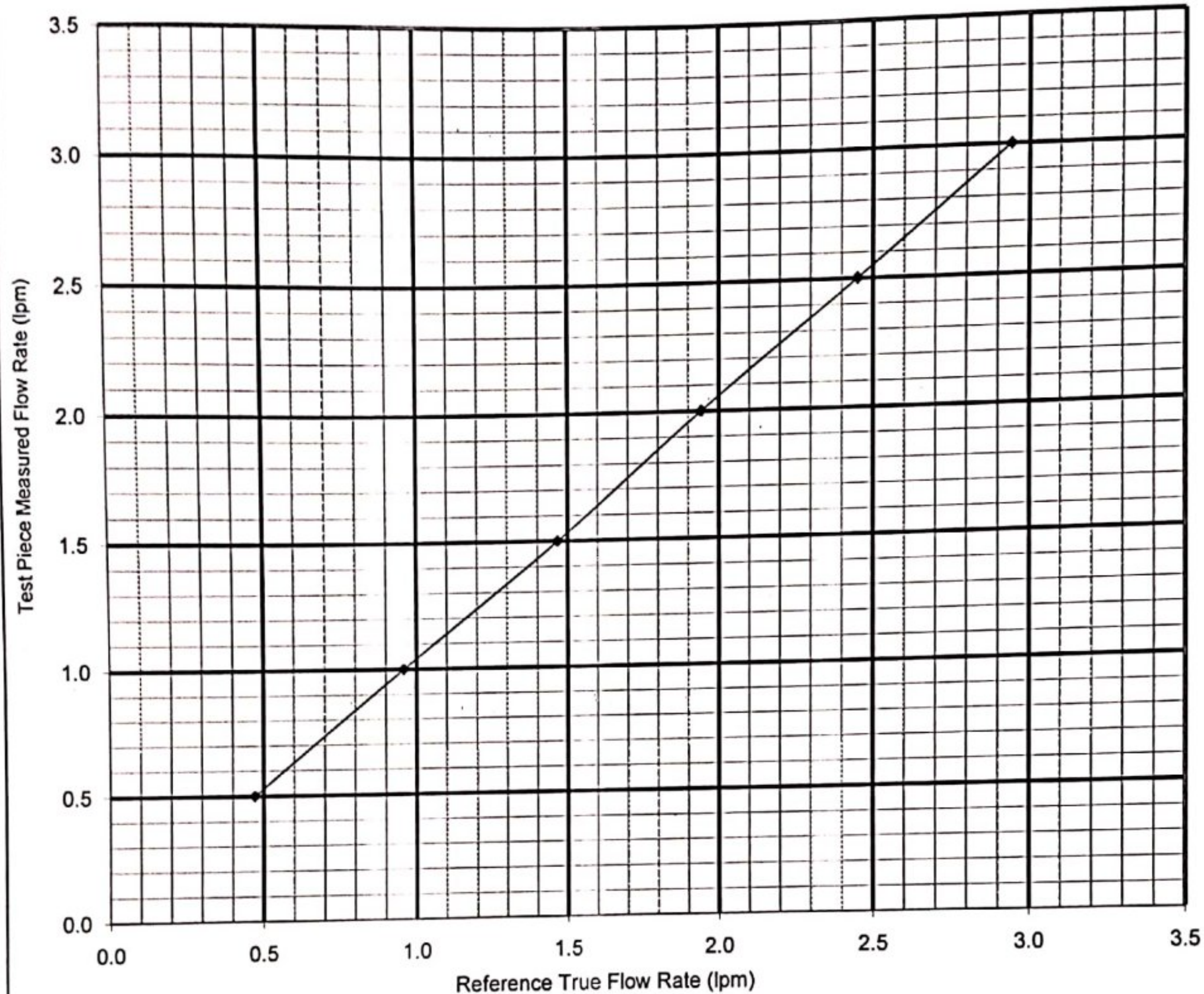
ULR No. CC105123000000940F

Date of Calibration:- 03.08.2023



CC-1051

Page No. - 3 of 3

CALIBRATION CURVE FOR ROTAMETER

Sl.No.	Reference True Flow Rate (lpm)	Test Piece Measured Flow Rate (lpm)	Name of the Instrument	Rotameter
			Sl.No. of the Instrument	09/0228
			Name of the Party	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)
1	0.472	0.5		
2	0.958	1.0		
3	1.467	1.5		
4	1.942	2.0		
5	2.45	2.5		
6	2.942	3.0		

Notes :-

1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the Instruments

**Authorized By**

SHIVSHANKER SINGH
(Chief Executive Officer)

....End of Calibration Certificate....



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000938F	Call. Field - Fluid Flow	Page No. - 1 of 3
Certificate No.	LES-CCL/FF/RF/SC/311		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Calibration Performed At	Site
Location of Performance for Calibration	On Site		
Issue Date	22.08.2023	Condition of DUC	OK

01. DUC Fitted in Instrument

Name	Make	Model	SI.No.
Gaseous Sampling Attachment	Envirotech	APM - 411	4299 - DTC - 2011

02. Details of DUC

Name	Rotameter	Environmental Conditions During Calibration	
Resolution	0.1 lpm	Temperature ($^{\circ}\text{C}$) :- $25 \pm 10^{\circ}\text{C}$	29.6
ID.No.	10/0911	Relative Humidity (%) :- 45-75 %	58
Cal. Range / Range	0.5 - 3.0 lpm / 0 - 3.0 lpm	Barometric Pressure (mmHg)	740.20

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No. / ID. No.	Traceability
LFE Gas Flow Calibrator	0.5 - 50 lpm	0416 / LES-CCL/R/4901	PI Calibration Laboratory, Mumbai
Certificate No.	Calibration Date		Valid Up to
PICAL/0922/F/032	05.09.2022		04.09.2023

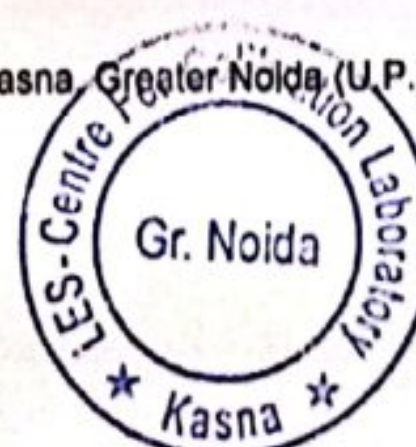
04. Calibration Procedure :- LES-CCL/WI/31/FF/SC-07

Remark 1. Refer page 2 of 3 for Calibration Results and 3 of 3 for Calibration Curve

2. The Flow Rate has been Referenced to Standard Temperature (20°C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000938F		Page No. - 2 of 3
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Certificate No.	LES-CCL/FF/RF/SC/311		

05. Calibration Results for Flow of Rotameter

S.No.	(DUC) Indicated reading (lpm)	Reference True Flow rate (lpm)	Error (%) FS	Calibration Factor
1	0.5	0.521	-0.700	1.042
2	0.5	0.522	-0.733	1.044
3	0.5	0.523	-0.767	1.046
4	0.5	0.524	-0.800	1.048
5	0.5	0.525	-0.833	1.050
6	1.0	1.010	-0.333	1.010
7	1.5	1.533	-1.100	1.022
8	2.0	2.042	-1.400	1.021
9	2.5	2.519	-0.633	1.008
10	3.0	3.022	-0.733	1.007
11	3.0	3.021	-0.700	1.007
12	3.0	3.022	-0.733	1.007
13	3.0	3.023	-0.767	1.008
14	3.0	3.024	-0.800	1.008

(Curve Enclosed)

Type A standard Uncertainty

I. for repeated data (1-5) ± 0.0007 lpm

II. for repeated data (10-14) ± 0.0007 lpm

Expanded uncertainty in Actual flow measurement at 95% as a coverage factor $k=2$

I. 0.5 lpm ± 11.75 % Rdg or 1.93 %FS

II. 3.0 lpm ± 2.25 % Rdg or 2.15 %FS

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurements)
2. Uncertainty of master instruments
3. Resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



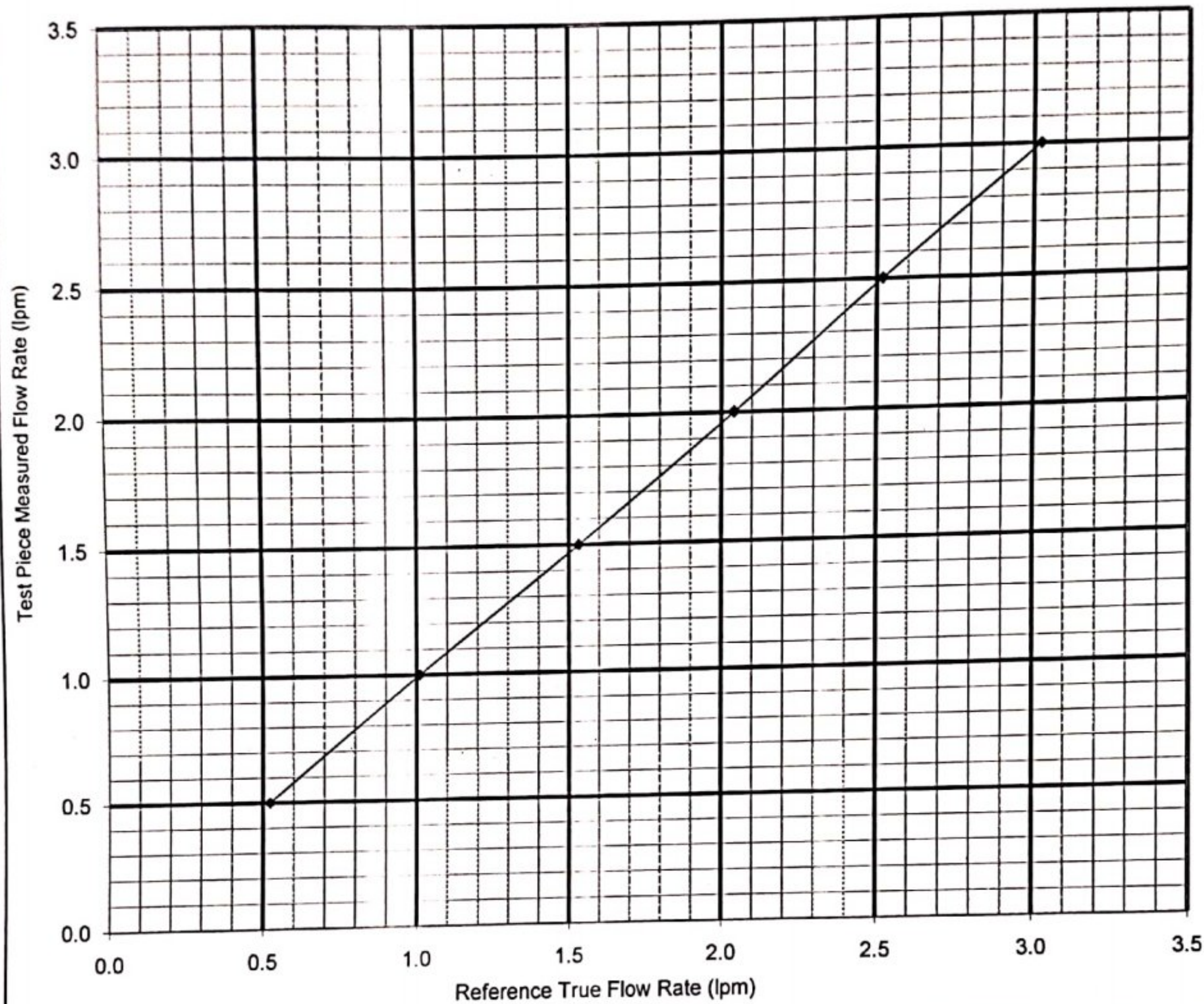
ULR No. CC105123000000938F

Date of Calibration:- 03.08.2023



CC-1051

Page No. - 3 of 3

CALIBRATION CURVE FOR ROTAMETER

Sl.No.	Reference True Flow Rate (lpm)	Test Piece Measured Flow Rate (lpm)	Name of the Instrument	Rotameter
			Sl.No. of the Instrument	10/0911
			Name of the Party	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)
1	0.523	0.5		
2	1.010	1.0		
3	1.533	1.5		
4	2.042	2.0		
5	2.519	2.5		
6	3.022	3.0		

Notes :-

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- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments

**Authorized By**SHIVSHANKER SINGH
(Chief Executive Officer)

....End of Calibration Certificate....



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000937F	Cali. Field - Fluid Flow	Page No. - 1 of 3
Certificate No.	LES-CCL/FF/RF/SC/310		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Issue Date	22.08.2023
Location of Performance for Calibration	On Site	Calibration Performed At	Site
		Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Gaseous Sampling Attachment	Envirotech	APM - 411	4297 - DTC - 2011

02. Details of DUC

Name	Rotameter	Environmental Conditions During Calibration	
Resolution	0.1 lpm	Temperature (°C) :- 25 ± 10 °C	29.6
ID.No.	2000/820	Relative Humidity (%) :- 45-75 %	58
Cal. Range / Range	0.5 - 3.0 lpm / 0 - 3.0 lpm	Barometric Pressure (mmHg)	740.20

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No. / ID. No.	Traceability
LFE Gas Flow Calibrator	0.5 - 50 lpm	0416 / LES-CCL/R/4901	PI Calibration Laboratory, Mumbai
Certificate No.		Calibration Date	Valid Up to
PICAL/0922/F/032		05.09.2022	04.09.2023

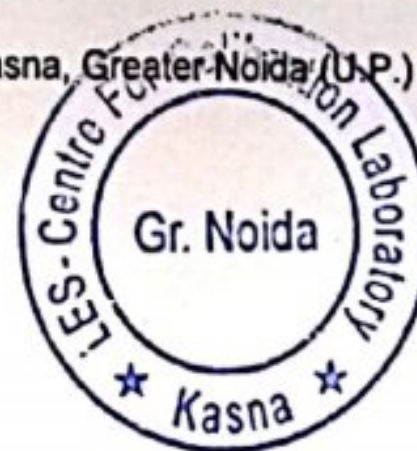
04. Calibration Procedure :- LES-CCL/WI/31/FF/SC-07

Remark 1. Refer page 2 of 3 for Calibration Results and 3 of 3 for Calibration Curve

2. The Flow Rate has been Referenced to Standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000937F	Page No. - 2 of 3
Calibration Date	03.08.2023	Suggested Date of Next Calibration
Certificate No.	LES-CCL/FF/RF/SC/310	02.08.2024

05. Calibration Results for Flow of Rotameter

S.No.	(DUC) Indicated reading (lpm)	Reference True Flow rate (lpm)	Error (%) FS	Calibration Factor
1	0.5	0.524	-0.800	1.048
2	0.5	0.525	-0.833	1.050
3	0.5	0.526	-0.867	1.052
4	0.5	0.527	-0.900	1.054
5	0.5	0.528	-0.933	1.056
6	1.0	1.020	-0.667	1.020
7	1.5	1.530	-1.000	1.020
8	2.0	2.012	-0.400	1.006
9	2.5	2.538	-1.267	1.015
10	3.0	3.043	-1.433	1.014
11	3.0	3.042	-1.400	1.014
12	3.0	3.043	-1.433	1.014
13	3.0	3.044	-1.467	1.015
14	3.0	3.045	-1.500	1.015

(Curve Enclosed)

Type A standard Uncertainty

- I. for repeated data (1-5) ± 0.0007 lpm
 II. for repeated data (10-14) ± 0.0007 lpm

Expanded uncertainty in Actual flow measurement at 95% as a coverage factor $k=2$

- I. 0.5 lpm ± 11.68 % Rdg or 1.93 %FS
 II. 3.0 lpm ± 2.23 % Rdg or 2.15 %FS

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurements)
2. Uncertainty of master instruments
3. Resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration.
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



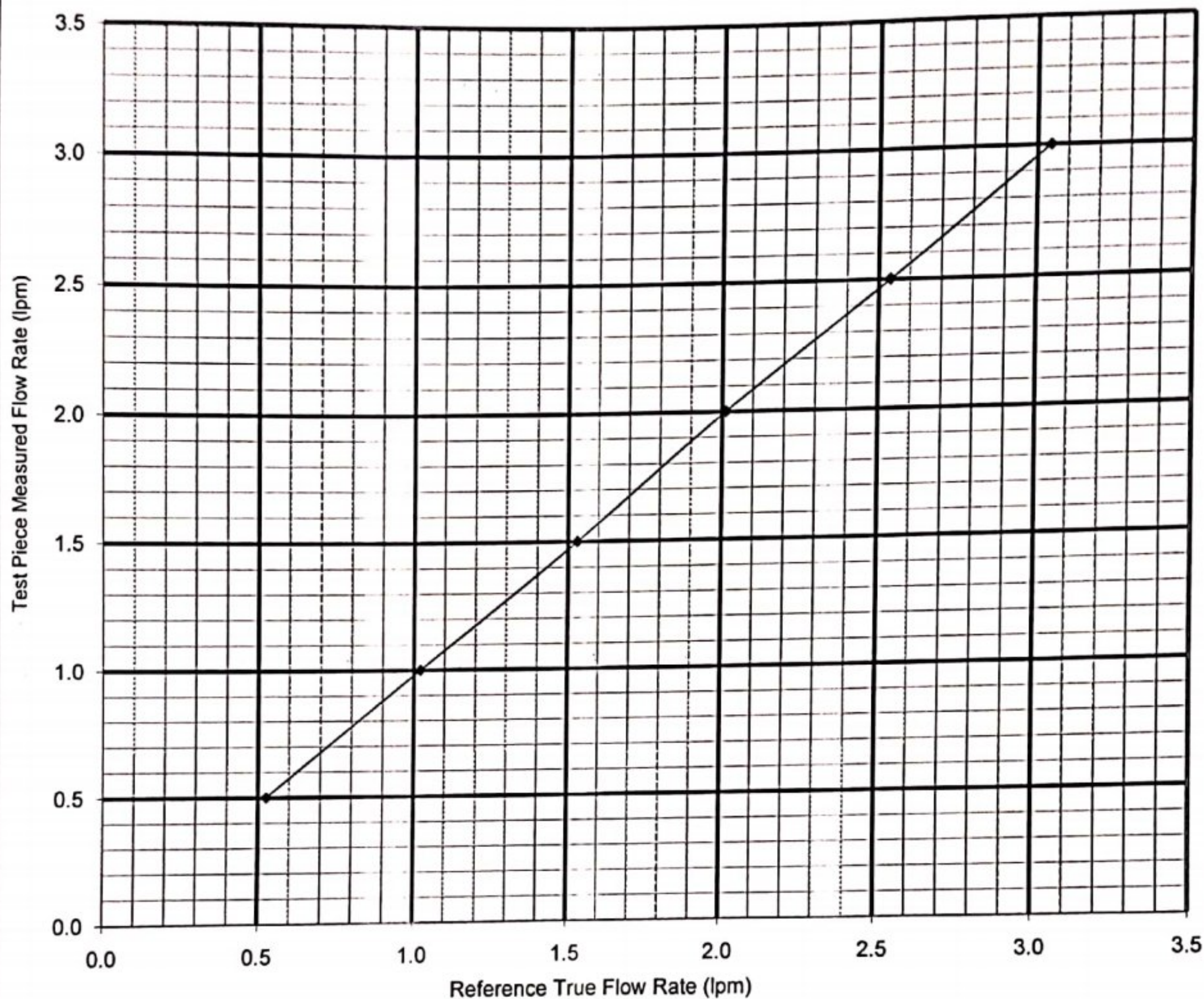
ULR No. CC105123000000937F

Date of Calibration:- 03.08.2023



CC-1051

Page No. - 3 of 3

CALIBRATION CURVE FOR ROTAMETER

Sl.No.	Reference True Flow Rate (lpm)	Test Piece Measured Flow Rate (lpm)	Name of the Instrument	Rotameter
			Sl.No. of the Instrument	2000/820
			Name of the Party	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)
1	0.526	0.5		
2	1.020	1.0		
3	1.530	1.5		
4	2.012	2.0		
5	2.538	2.5		
6	3.043	3.0		

Notes :-

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- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments

**Authorized By**SHIVSHANKER SINGH
(Chief Executive Officer)

End of Calibration Certificate



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000939F	Cali. Field - Fluid Flow	Page No. - 1 of 3
Certificate No.	LES-CCL/FF/RF/SC/312		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	03.08.2023	Issue Date	22.08.2023
Location of Performance for Calibration	On Site	Calibration Performed At	Site
		Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No.
Gaseous Sampling Attachment	Envirotech	APM - 411	1366 - DTC - 2011

02. Details of DUC

Name	Rotameter	Environmental Conditions During Calibration	
Resolution	0.1 lpm	Temperature (°C) :- 25 ± 10 °C	29.6
ID.No.	09/0232	Relative Humidity (%) :- 45-75 %	58
Cal. Range / Range	0.5 - 3.0 lpm / 0 - 3.0 lpm	Barometric Pressure (mmHg)	740.20

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No. / ID. No.	Traceability
LFE Gas Flow Calibrator	0.5 - 50 lpm	0416 / LES-CCL/R/4901	PI Calibration Laboratory, Mumbai
Certificate No.		Calibration Date	Valid Up to
PICAL/0922/F/032		05.09.2022	04.09.2023

04. Calibration Procedure :- LES-CCL/WI/31/FF/SC-07

Remark 1.Refer page 2 of 3 for Calibration Results and 3 of 3 for Calibration Curve

2.The Flow Rate has been Referenced to Standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- 1 .This certificate shall not be reproduced, except in full without the written permission of LES-CCL.Kasna, Greater Noida (U.P.)
2. Reference used are directly traceable to national standard through unbroken chain of calibration .
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



ULR No.	CC105123000000939F		Page No. - 2 of 3
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Certificate No.	LES-CCL/FF/RF/SC/312		

05. Calibration Results for Flow of Rotameter

S.No.	(DUC) Indicated reading (lpm)	Reference True Flow rate (lpm)	Error (%) FS	Calibration Factor
1	0.5	0.474	0.867	0.948
2	0.5	0.475	0.833	0.950
3	0.5	0.476	0.800	0.952
4	0.5	0.477	0.767	0.954
5	0.5	0.478	0.733	0.956
6	1.0	0.963	1.233	0.963
7	1.5	1.520	-0.667	1.013
8	2.0	2.020	-0.667	1.010
9	2.5	2.482	0.600	0.993
10	3.0	2.945	1.833	0.982
11	3.0	2.944	1.867	0.981
12	3.0	2.945	1.833	0.982
13	3.0	2.946	1.800	0.982
14	3.0	2.947	1.767	0.982

(Curve Enclosed)

Type A standard Uncertainty

I. for repeated data (1-5)

± 0.0007 lpm

II. for repeated data (10-14)

± 0.0007 lpm

Expanded uncertainty in Actual flow measurement at 95% as a coverage factor k=2

I. 0.5 lpm

± 12.91 % Rdg

or 1.93 %FS

II. 3.0 lpm

± 2.31 % Rdg

or 2.15 %FS

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurements)

2. Uncertainty of master instruments

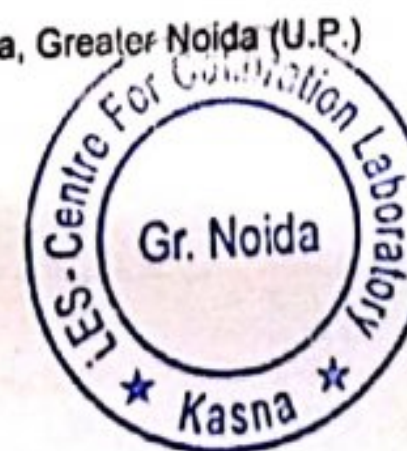
3. Resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Calibration Place:- Calibration done of M/s Prism Johnson Limited, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)

Notes :-

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- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



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Shivshanker Singh

SHIVSHANKER SINGH
(Chief Executive Officer)



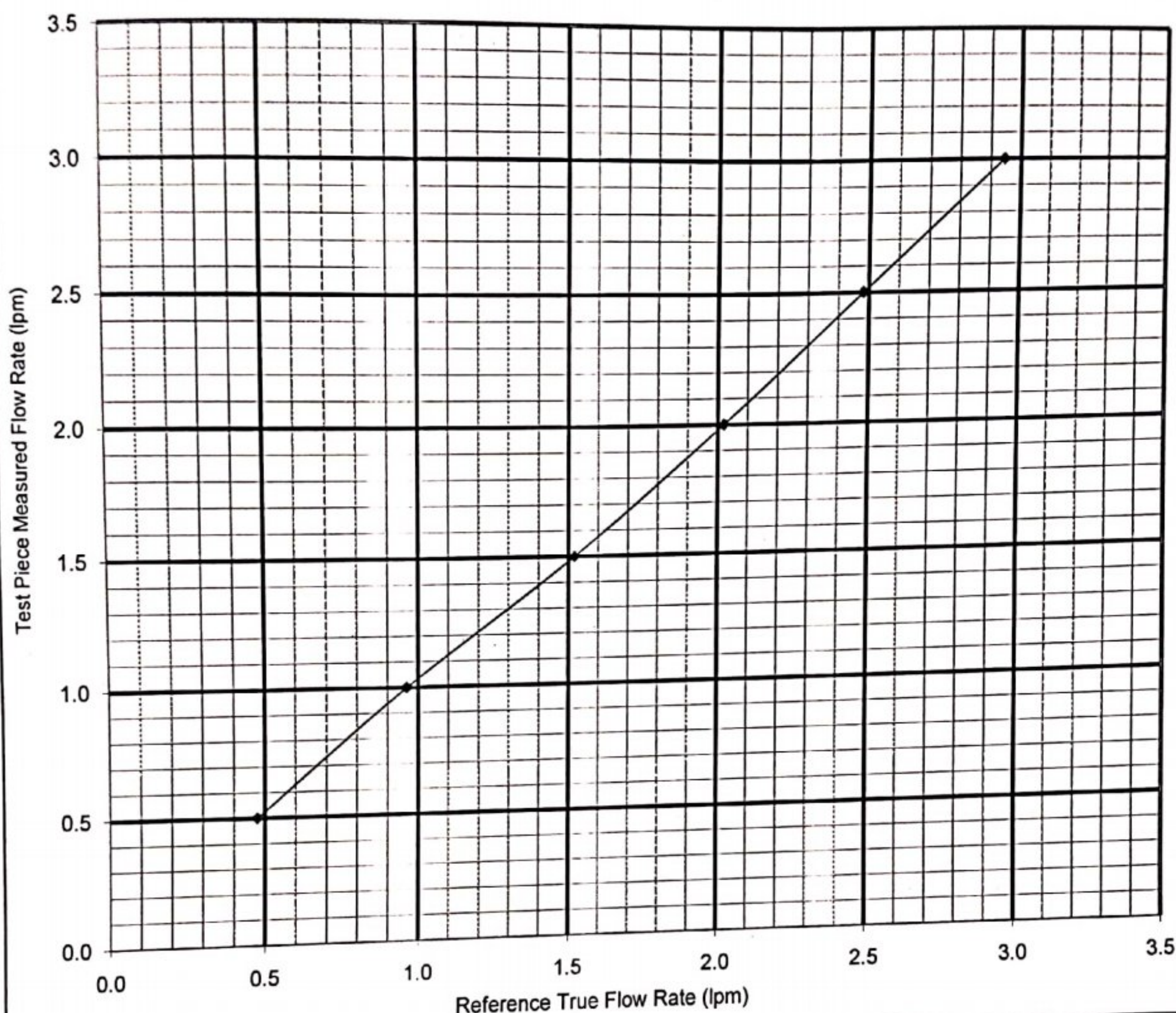
ULR No. CC105123000000939F

Date of Calibration:- 03.08.2023



CC-1051

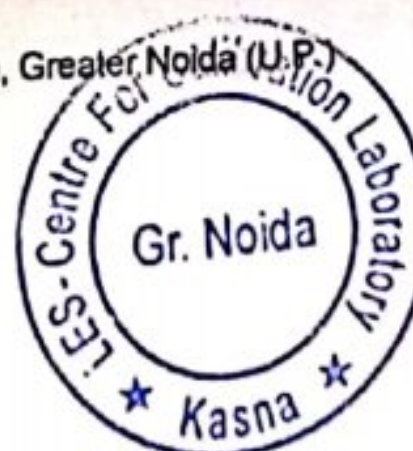
Page No. - 3 of 3

CALIBRATION CURVE FOR ROTAMETER

Sl.No.	Reference True Flow Rate (lpm)	Test Piece Measured Flow Rate (lpm)	Name of the Instrument	Rotameter
			Sl.No. of the Instrument	09/0232
			Name of the Party	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)
1	0.476	0.5		
2	0.963	1.0		
3	1.520	1.5		
4	2.02	2.0		
5	2.482	2.5		
6	2.945	3.0		

Notes :-

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- Decision rule required - No
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Authorized By

Shivshanker Singh
SHIVSHANKER SINGH
(Chief Executive Officer)

....End of Calibration Certificate....



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

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K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000941F	Calibration Field - Mechanical	Page No. - 1 of 1
Certificate No.	LES-CCL/MECH/SLM/46		
Calibration Date	03.08.2023	Suggested Date of Next Calibration	02.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.07.2023
Date of DUC Receipt	03.08.2023	Issue Date	22.08.2023
Location of Performance for Calibration	Laboratory	Calibration Performed At	Parmanent Lab.
		Condition of DUC	OK

01. Details of (DUC)

Name	Sound Level Meter	Environmental Conditions During Calibration	
Make	Cygnat	Temperature(°C) :- 23 ± 1.5 °C	23.4
Sl.No.	A0905-276	Relative Humidity (%) :- 30-70 %	57
Model	2001	Barometric Pressure (mmHg)	735.10
Range / Resolution	30 - 130 dB / 0.1 dB		

02. Standard Equipment used for calibration

Standard Equipment Name	Range	Traceability
Sound Level Calibrator	94 dB, 114 dB	IDEMI, MUMBAI
Certificate No.	Calibration Date	Valid Up to
CC/ECL/1626/22-23	16.01.2023	15.01.2024

03. Calibration Procedure :- LES-CCL/WI/31/MECH/03

04. Calibration Results :

DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (dB)	Reference Value (dB)	Error (%Rdg)	Expanded Uncertainty at 95 % of Confidence level (k = 2)
1	93.4	93.6	-0.21	± 0.77 dB
2	113.6	113.8	-0.18	± 0.77 dB

Remark :The reading of DUC represent the Average, of five reading measurements.

Uncertainty Contributing Factor :- 1. Repeatability (based on five measurement) 2.Uncertainty of master instruments 3.Resulation of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Notes :-

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- Reference used are directly traceable to national standard through unbroken chain of calibration .
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

....End of Calibration Certificate....



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000950F	Cali. Field - Fluid Flow	Page No. - 1 of 3
Certificate No.	LES-CCL/FF/RF/316		
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Customer Name :-	M/s Prism Johnson Limited		
Address :-	Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.
Location of Performance for Calibration	Laboratory	Issue Date	22.08.2023
		Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI.No. / ID.No.
Stack Sampler	Envirotech Inst	APM - 620	988-DTD-14 / MSK/GDM/F/SMK-1

02. Details of DUC

Name	Rotameter	Environmental Conditions During Calibration	
Resolution	2.0 lpm	Temperature (°C) :- 25 ± 3 °C	25.6
SI.No.	D21090	Relative Humidity (%) :- 45-75 %	58
Cal. Range / Range	10 - 60 lpm / 0 - 60 lpm	Barometric Pressure (mmHg)	736.40

03. Standard Equipment used for calibration

SI.No.	Standard Equipment Name	Range	Sr.No. / ID. No.	Traceability
1	Air Flow Calibrator	0.2 - 10.0 lpm	002-DTD-2015	PI Calibration Laboratory, Mumbai
2	Digital Vacuum Indicator	0 - 75 mmHg	Sr. No. 03	LES-CCL, Gr. Noida
3	Digital Temp. Indicator	0 - 50°C	T- 02	Calyss Calibration, Noida
4	Orifice Flow Calibrator	11- 100 lpm	001-DTD-2015	PI Calibration Laboratory, Mumbai
SI.No.	Certificate No.	Calibration Date	Valid Up to	
1	PICAL/0922/F/033	05.09.2022	04.09.2023	
2	LES-CCL/MECH/PI/884	15.09.2022	14.09.2023	
3	CCTPL/TI/0133/02	08.06.2023	07.06.2024	
4	PICAL/0922/F/031	05.09.2022	04.09.2023	

04. Calibration Procedure :- LES-CCL/WI/31/FF/03 & 04

Remark : 1.Refer page 2 of 3 for Calibration Results and 3 of 3 for calibration curve

2.The Flowrate has been Referenced to Standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL,Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration .
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



ULR No.	CC105123000000950F		Page No. - 2 of 3
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Certificate No.	LES-CCL/FF/RF/316		

05. Calibration Results for Flow Rate of Rotameter

S.No.	Measured Flow Rate (DUC) lpm	Reference True Flow Rate (lpm)	Error FS (%)	Calibration Factor
1	10.0	9.844	0.260	0.984
2	10.0	9.845	0.258	0.985
3	10.0	9.846	0.257	0.985
4	10.0	9.847	0.255	0.985
5	10.0	9.848	0.253	0.985
6	20.0	19.4	1.000	0.970
7	30.0	29.1	1.500	0.970
8	40.0	39.6	0.667	0.990
9	50.0	48.9	1.833	0.978
10	60.0	59.0	1.667	0.983
11	60.0	59.0	1.667	0.983
12	60.0	59.1	1.500	0.985
13	60.0	59.1	1.500	0.985
14	60.0	59.0	1.667	0.983

(Curve Enclosed)

A. Type A standard Uncertainty

I. for repeated data (1-5)

± 0.0069 lpm

II. for repeated data (10-14)

± 0.0233 lpm

B. Expanded uncertainty in Actual flow measurement at 95% as a coverage factor k=2

I. For 10.0 lpm

± 3.32 %Rdg

II. For 60.0 lpm

± 2.32 %Rdg

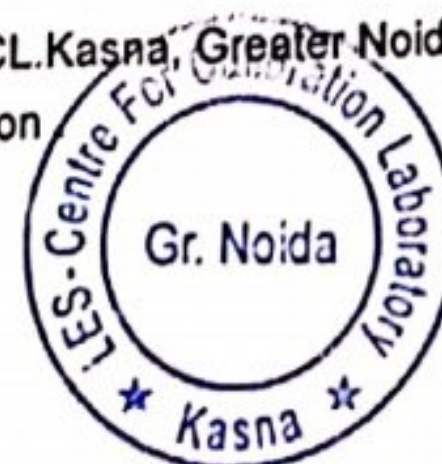
Uncertainty Contributing Factor :-

- 1.Repeatability (based on five measurements)
- 2.Uncertainty of master instruments,
- 3.Resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

Shivshanker Singh

SHIVSHANKER SINGH
(Chief Executive Officer)



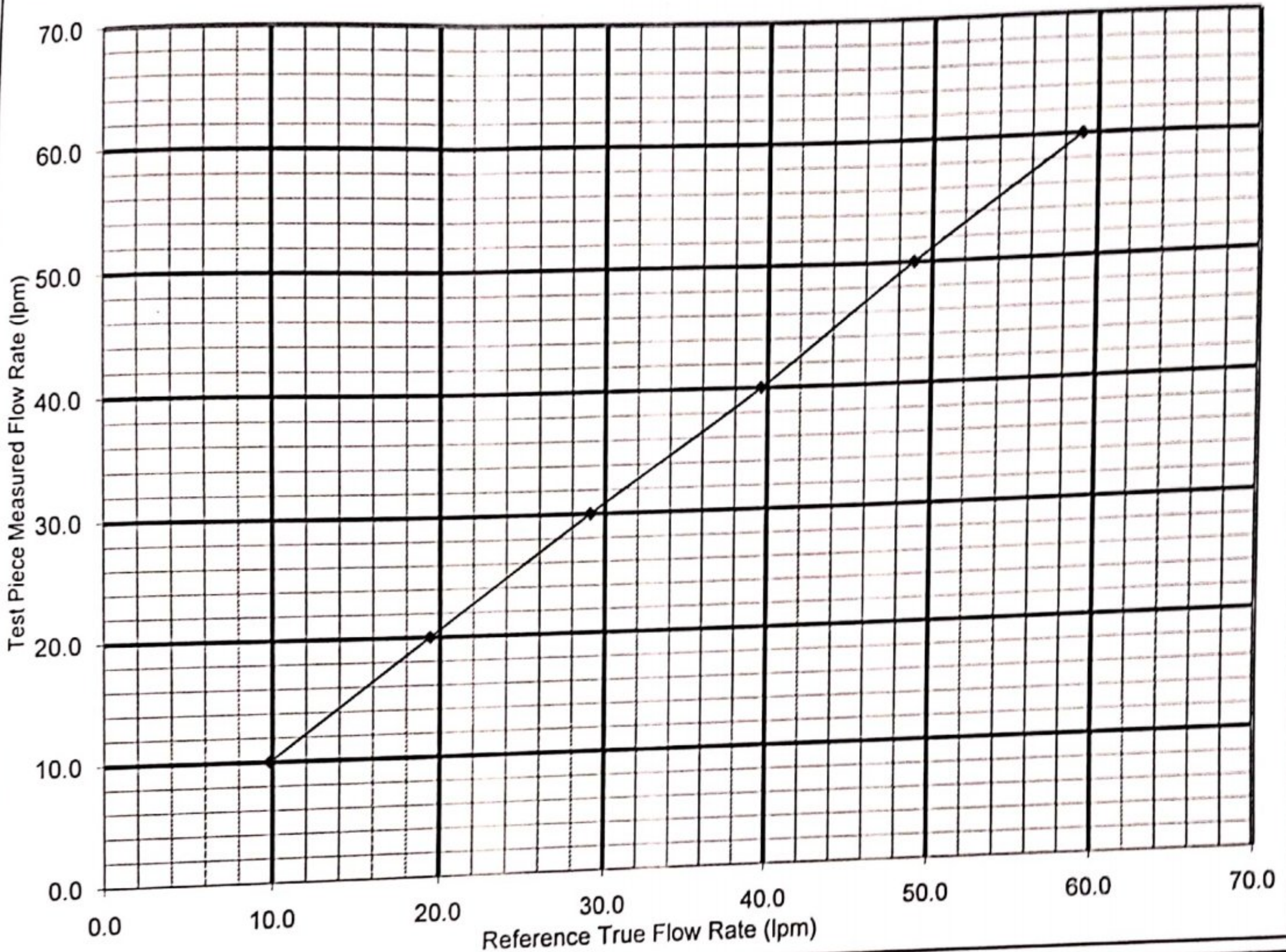
ULR No. CC105123000000950F
Calibration Date 05.08.2023



CC-1051

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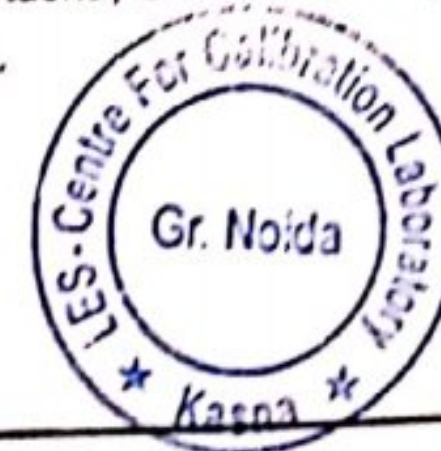
CALIBRATION CURVE FOR ROTAMETER



Sl.No.	Reference True Flow Rate (lpm)	Test Piece Measured Flow Rate (lpm)	Name of the Instrument	
			SI.No. of the Instrument	
			Name of the Party	
1	9.846	10.0	Rotameter D21090 M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan,	
2	19.4	20.0		
3	29.1	30.0		
4	39.6	40.0		
5	48.9	50.0		
6	59.0	60.0		

Notes :-

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- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
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Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

*** End of Calibration Certificate ***



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescc1307@gmail.com, lesccellab@gmail.com, Cell No.: 9911766898, 9821736177, 9355384939
Website : www.lesccellab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000951F	Call. Field - Fluid Flow	Page No. - 1 of 3
Certificate No.	LES-CCL/FF/RF/317		
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Customer Name :-	M/s Prism Johnson Limited		
Address :-	Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F. No.	2023/17	S.R.F. Date	22.06.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Permanent Lab.
Location of Performance for Calibration	Laboratory	Issue Date	22.08.2023
		Condition of DUC	OK

01. DUC Fitted in Instrument

Name	Make	Model	Sl.No.
Stack Sampler	Thermo	TEI - 130	105 - TEF - 21

02. Details of DUC

Name	Rotameter	Environmental Conditions During Calibration
Resolution	0.2 lpm	Temperature (°C) :- 25 ± 3 °C
Sl.No.	S191045	Relative Humidity (%) :- 45-75 %
Cal. Range / Range	1.0 - 6 lpm / 0 - 6 lpm	Barometric Pressure (mmHg)
		24.2
		53
		736.40

03. Standard Equipment used for calibration

Sl.No.	Standard Equipment Name	Range	Sl.No.	Traceability
1	Air Flow Calibrator	0.2 - 10.0 lpm	002-DTD-2015	PI Calibration Laboratory, Mumbai
2	Digital Vacuum Indicator	0 - 75 mmHg	Sr. No. 03	LES-CCL, Gr. Noida
3	Digital Temp. Indicator	0 - 50°C	T- 02	Calyas Calibration, Noida
Sl.No.	Certificate No.	Calibration Date		Valid Up to
1	PICAL/0922/F/033	05.09.2022		04.09.2023
2	LES-CCL/MECH/PI/884	15.09.2022		14.09.2023
3	CCTPL/II/0133/02	08.08.2023		07.08.2024

04. Calibration Procedure :- LES-CCL/WI/31/FF/04

Remark 1. Refer page 2 of 3 for Calibration Results and 3 of 3 for Calibration Curve

2. The Flowrate has been Referenced to Standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

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- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



ULR No.	CC105123000000951F		Page No. - 2 of 3
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Certificate No.	LES-CCL/FF/RF/317		

05. Calibration Results for Flow of Rotameter

S.No.	(DUC) Indicated reading (lpm)	Reference True Flow rate (lpm)	Error (%) FS	Calibration Factor
1	1.0	0.946	0.900	0.946
2	1.0	0.949	0.850	0.949
3	1.0	0.950	0.833	0.950
4	1.0	0.951	0.817	0.951
5	1.0	0.952	0.800	0.952
6	2.0	1.962	0.633	0.981
7	3.0	2.919	1.350	0.973
8	4.0	3.892	1.800	0.973
9	5.0	4.938	1.033	0.988
10	6.0	5.881	1.983	0.980
11	6.0	5.881	1.983	0.980
12	6.0	5.882	1.967	0.980
13	6.0	5.883	1.950	0.981
14	6.0	5.884	1.933	0.981

(Curve Enclosed)

Type A standard Uncertainty

I. for repeated data (1-5)

± 0.1091 lpm

II. for repeated data (10 - 14)

± 0.0117 lpm

Expanded uncertainty in Actual flow measurement at 95% as a coverage factor k=2

I. 1.0 lpm

± 5.84 % Rdg

or 0.07 %FS

II. 6.0 lpm

± 5.84 % Rdg

or -2.64 %FS

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurements)

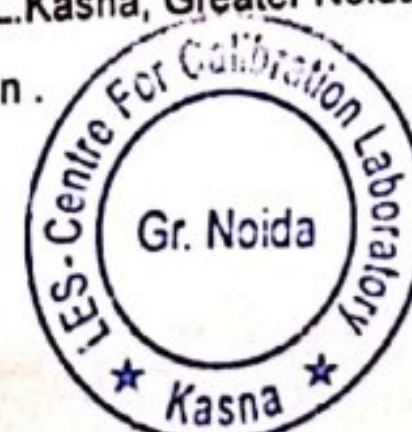
2. Uncertainty of master instruments

3. Resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Notes :-

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- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



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(Chief Executive Officer)

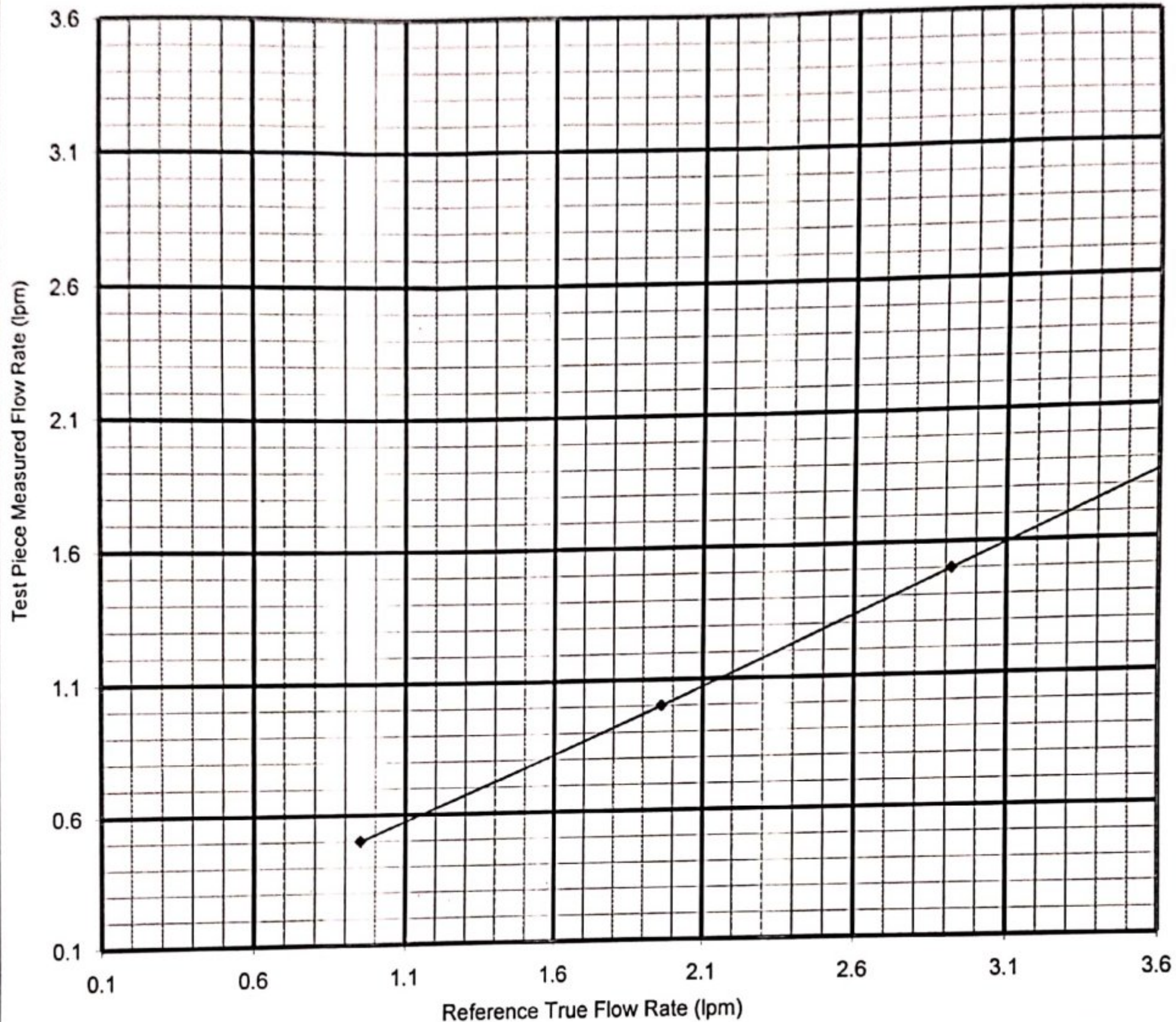


ULR No. CC105123000000951F
Calibration Date 05.08.2023



CC-1051
Page No. - 3 of 3

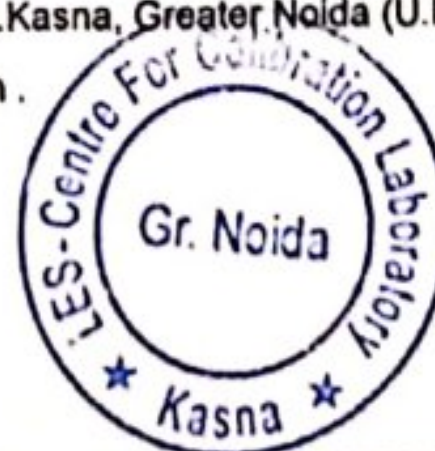
CALIBRATION CURVE FOR ROTAMETER



Sl.No.	Reference True Flow Rate (lpm)	Test Piece Measured Flow Rate (lpm)	Name of the Instrument	Rotameter
			Sl.No. of the Instrument	S191045
			Name of the Party	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)
1	0.950	0.5		
2	1.962	1.0		
3	2.919	1.5		
4	3.892	2.0		
5	4.938	2.5		
6	5.882	3.0		

Notes :-

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- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

....End of Calibration Certificate....



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -S, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000952F	Cali. Field - Electro-Technical	Page No. - 1 of 1		
Certificate No.	LES-CCL/ET/SW/32				
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024		
Customer Name :-	M/s Prism Johnson Limited				
Address :-	Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.	Condition of DUC	OK
Location of Performance for Calibration		Laboratory			

01. DUC Fitted in the Instruments

Name	Make	Model	Sl.No.
Stack Sampler	Thermo	TEI - 130	165 - TEF - 21

02. Details of DUC

Name	Stop watch	Environmental Conditions During Calibration	
Make/Trade Mark	Racer	Temperature (°C) :- 25 ± 4 °C	27.4
Sl.No.	SW - 165	Relative Humidity (%) :- 30-75 %	38.0
Cal. Range / Resolution	0 -15 min. / 0.01 Sec.	Barometric Pressure (mmHg)	734.50

03. Standard Equipment used for calibration

Standard Equipment Name	Range	ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2507	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.	Calibration Date		Valid Up to
PE23CC01370	10.03.2023		09.03.2024

04. Calibration Procedure : LES-CCL/WI/31/ET/02

05. Calibration Results :-

DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (min)	Standard reading Average five Measurements Time (min)	Error (%)	Expanded Uncertainty at 95 % of Confidence level (k =2) (sec)
1	15.005	15.0028	0.015	± 4.53

Uncertainty Contributing Factors :- 1. Repeatability (based on five measurements)

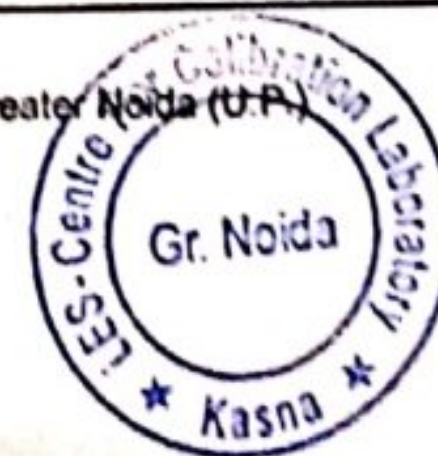
2 Uncertainty of master instruments

3 Resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Notes :-

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- Reference used are directly traceable to national standard through unbroken chain of calibration .
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

Shivshanker Singh
SHIVSHANKER SINGH
(Chief Executive Officer)

.... End of Calibration Certificate



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000953F	Call. Field - Mechanical	Page No. - 1 of 2
Certificate No.	LES-CCL/MECH/PI/25		
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.
Location of Performance for Calibration	Laboratory		
Issue Date	22.08.2023	Condition of DUC	OK

01. DUC Fitted in Instrument

Name	Make	Model	Sl.No.
Velocity Monitor	Thermo	VSS - 1	47 - TEF - 21

02. Details of DUC

Name	Pressure Indicator	Environmental Conditions During Calibration
Make / Sl.No	Testo / PI - 165	Temperature(°C) :- 25 ± 1.5 °C
Model	Testo - 510	Relative Humidity (%) :- 30-70 %
Resolution	0.1 mmH ₂ O	Barometric Pressure (mmHg)
Cal. Range	0 - 1000 mmH ₂ O	734.50

03. Standard Equipment used for calibration

Standard Equipment Name	Range	Sl.No. / ID.No.	Traceability
Digital Pressure Gauge	0 - 2000 mmWC	VEM1503080 / LES-CCL/R/2503	GTCL, New Delhi
Certificate No.	23061201-01	Calibration Date	Valid Up to
		12.06.2023	11.06.2024

04. Calibration Procedure :- LES-CCL/WI/31/MECH/ 01

Remark : Refer page 2 of 2 for Calibration Results

Notes :-

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- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-CENTRE FOR CALIBRATION LABORATORY



CC-1051

ULR No.	CC105123000000953F		Page No. - 2 of 2
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Certificate No.	LES-CCL/MECH/PI/25		

05.(A) Corrected Calibration Results for Pressure Indicator

Set (DUC) Value (mmH ₂ O)	CYCLE 1		CYCLE 2		CYCLE 3		Standard Avg.Rdg. (mmH ₂ O)	Error % (FS)	Expanded ± Uncertainty
	UP (mmH ₂ O)	DOWN (mmH ₂ O)	UP (mmH ₂ O)	DOWN (mmH ₂ O)	UP (mmH ₂ O)	DOWN (mmH ₂ O)			(mmH ₂ O)
1.0	1.0	10.2	1.2	1.1	1.0	4.1	2.6	-0.16	6.64
10.0	10.1	9.9	10.3	10.1	10.0	10.0	10.1	-0.01	4.69
100.0	99.9	100.8	100.1	100.0	100.9	100.6	100.3	-0.03	4.72
200.0	200.1	200.2	200.3	200.8	200.1	200.4	200.3	-0.03	4.69
400.0	400.1	400.2	400.3	400.2	400.1	400.2	400.2	-0.02	4.69
800.0	800.5	800.6	800.5	800.4	800.5	800.5	800.5	-0.05	4.69
1000.0	999.1	999.2	999.3	999.2	999.1	999.7	999.7	0.03	4.69

05.(B) Corrected Calibration Results for Pressure Indicator

									(Pa) ↓
9.8	10.3	100.0	12.2	11.2	10.3	40.5	25.9	-1.61	65.1
98.1	99.5	97.5	101.5	99.5	98.5	98.5	99.5	-0.14	46.0
980.7	979.6	988.6	981.5	980.6	989.6	986.3	983.4	-0.27	46.3
1961.3	1962.7	1963.7	1964.7	1969.2	1962.7	1965.2	1964.4	-0.31	46.0
3922.7	3923.6	3924.5	3925.5	3924.5	3923.6	3924.2	3924.4	-0.17	46.0
7845.3	7850.2	7851.1	7850.2	7849.2	7850.2	7850.2	7850.3	-0.50	46.0
9806.7	9797.7	9798.7	9799.7	9798.7	9797.7	9803.4	9803.5	0.31	46.0

Remark : The reading of Pressure represents the mean of six reading

Uncertainty Contributing Factors:-

1. Repeatability (based on 3 Cycles)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC
4. Uncertainty due to hysteresis

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Notes :-

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3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

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E-mail : lescc307@gmail.com, lescc307@gmail.com, Call No. : 9811388888, 9821138111, 9811388888
Website : www.lescc307.com



CALIBRATION CERTIFICATE

ULR No.	CC1051230000000355F	Cal. Field - Mechanical	Page No. - 1 of 2
Certificate No.	LES-CCL/MECH/19141		
Calibration Date	05.08.2023	Suggested Date of Next Calibration	11.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P.)		
S.R.F. No.	2023/17	S.R.F. Date	11.08.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Permanent Lab.
Location of Performance for Calibration	Lab/Field		

01. DUC Fitted in Instrument

Name	Make	Model	SI No.
Stack Sampler	Thermo	TE1-132	132-132-21

02. Details of DUC

Name	Make	SI No.	Cal. Range / Range	Resolution	Environmental Conditions during Calibration
Vacuum Gauge (GAS)	Akralo	SVG-185	30-500 mmHg / 0-760 mmHg	0-100 = 25 mmHg & 100-760 = 20 mmHg	Temperature (°C) - 26 ± 1.5 °C Relative Humidity (%) - 30-75 % Barometric Pressure (mmHg) - 750-760

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI No. / ID No.	Traceability
Digital Vacuum Gauge	1.0 to 2 bar	VEAM13555713 / LES-CCL/191354	GTCL, New Delhi
Certificate No.	20061201-02	Calibration Date	12.08.2023

04. Calibration Procedure :- LES-CCL/MECH/19141

Remark : Refer page 2 of 2 for Calibration Results

Notes :-

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- Reference used are directly traceable to national standard through unbroken chain of calibration
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 12.05.2025
- Calibration status - Sticker indicating CAL. STATUS is affixed on the instrument



Authorized By

[Signature]
SUDHAKAR SINGH
(Chief Executive Officer)



LES - Centre For Calibration Laboratory



ULR No.	CC105123000000955F		Page No. - 2 of 2
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Certificate No.	LES-CCL/MECH/VG/41		

05. Corrected Calibration Results for Vacuum Gauge (Sl. No. SVG-165)

Set DUC Value (mmHg)	CYCLE 1		CYCLE 2		CYCLE 3		Standard Avg. Reading (mmHg)	Error % (FS)	Expanded Uncertainty ±	
	UP (mmHg)	DOWN (mmHg)	UP (mmHg)	DOWN (mmHg)	UP (mmHg)	DOWN (mmHg)			(bar)	(mmHg)
80	74.3	72.5	73.5	70.2	69.0	68.4	71.3	1.45	0.083	62.421
100	102.5	100.4	102.7	99.8	99.8	104.9	102.6	-0.35	0.083	62.387
200	199.0	198.7	198.8	196.9	202.3	200.3	199.3	0.09	0.083	62.392
300	296.0	295.1	299.4	295.2	297.0	295.7	296.4	0.48	0.083	62.379
400	404.6	403.8	403.8	399.2	405.5	403.6	403.4	-0.45	0.083	62.439
500	507.6	505.7	505.7	503.9	509.2	504.6	506.1	-0.80	0.083	62.393

Remark :

The reading of vacuum represents the Average of five reading

Uncertainty Contributing Factor

1. Repeatability (based on 3 Cycle)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC
4. Uncertainty due to hysteresis,

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom ∞ and confidence level is 95 % for Normal distribution.

Notes :-

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3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

Shivshanker Singh

SHIVSHANKER SINGH
(Chief Executive Officer)

**** End of Calibration Certificate ****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000954F			Cali. Field - Mechanical	Page No. - 1 of 2
Certificate No.	LES-CCL/MECH/VG/40				
Calibration Date	05.08.2023	Suggested Date of Next Calibration			04.08.2024
Customer Name :-		M/s Prism Johnson Limited			
Address :-		Village - Mankahari, P.O. Bathia,			
		Tehsil - Rampur Baghelan,			
		Distt. Satna - 485111 (M.P)			
S.R.F No.	2023/28	S.R.F. Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.	Condition of DUC	OK
Location of Performance for Calibration		Laboratory			

01. DUC Fitted in Instrument

Name	Make	Model	SI.No.
Stack Sampler	Thermo	TEI - 130	165 - TEF - 21

02. Details of DUC

Name	Vacuum Gauge (SPM)	Environmental Conditions During Calibration	
Make	Akvalo	Temperature (°C) :- 23 ± 1.5 °C	25.3
SI.No.	GVG - 165	Relative Humidity (%) :- 30-70 %	53
Cal. Range / Range	80 -500 mmHg / 0 - 760 mmHg	Barometric Pressure (mmHg)	746.20
Resolution	0-100 = 25 mmHg & 100-760 = 20 mmHg		

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
Digital Vacuum Gauge	-1.0 to 2 bar	VEM1503079 / LES-CCL/R/2504	GTCL, New Delhi
Certificate No.	Calibration Date		Valid Up to
23061201-02	12.06.2023		11.06.2024

04. Calibration Procedure :- LES-CCL/WI/31/MECH/02

Remark : Refer page 2 of 2 for Calibration Results

Notes :- 1. This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.) 2. Reference used are directly traceable to national standard through unbroken chain of calibration 3. Results reported are valid at the time of and under the stated conditions of measurement 4. This Certificate refers only to the particular item calibrated. 5. Decision rule required - No 6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025 7. Calibration status - Sticker indicating CAL, STATUS in affixed on the Instruments		Authorized By
		 SHIVSHANKER SINGH (Chief Executive Officer)



LES - Centre For Calibration Laboratory



ULR No.	CC105123000000954F		Page No. - 2 of 2
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Certificate No.	LES-CCL/MECH/VG/40		

05. Corrected Calibration Results for Vacuum Gauge (Sl. No. GVG- 165)

Set DUC Value (mmHg)	CYCLE 1		CYCLE 2		CYCLE 3		Standard Avg. Reading (mmHg)	Error % (FS)	Expanded Uncertainty ±	
	UP (mmHg)	DOWN (mmHg)	UP (mmHg)	DOWN (mmHg)	UP (mmHg)	DOWN (mmHg)			(bar)	(mmHg)
80	81.2	78.8	81.9	78.0	82.7	80.0	80.4	-0.07	0.083	62.463
100	101.3	100.3	101.4	100.3	100.3	103.3	101.9	-0.25	0.083	62.372
200	203.0	278.0	202.4	202.4	199.2	200.1	214.2	-1.87	0.099	74.290
300	294.2	293.8	296.6	294.8	300.2	298.5	296.3	0.48	0.083	62.391
400	405.6	401.7	402.3	399.6	406.2	404.5	403.3	-0.44	0.083	62.462
500	501.9	501.9	499.9	499.4	499.2	500.0	500.4	-0.05	0.083	62.359

Remark :

The reading of vacuum represents the Average of five reading

Uncertainty Contributing Factor

1. Repeatability (based on 3 Cycle)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC
4. Uncertainty due to hysteresis,

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Notes :-

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3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

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**** End of Calibration Certificate ****



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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000956F	Calibration Field - Thermal	Page No. - 1 of 2
Certificate No.	LES-CCL/TH/TP/22		
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F. No.	2023/17	S.R.F. Date	22.06.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.
Location of Performance for Calibration	Laboratory		
Issue Date	22.08.2023	Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI. No.
Velocity Manitor	Thermo	TEI - 132	47 - TEF - 21

02. Details of DUC

Name	Thermocouple with Temperature Indicator	Environmental Conditions During Calibration
Make/Trade Mark	Audiotronics	Temperature (°C) :- 25 ± 4 °C
SI.No.	TP - 165	Relative Humidity (%) :- 30-75 %
Cal. Range / Range	50 - 600 °C / 0 - 600 °C	Barometer Pressure (mmHg)
Resolution	1 °C	24.6

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No.	Traceability
Digital Thermometer with R - Type T/C	0 - 1600 °C	YD5002383	Calyss Calibration, Noida
Certificate No.	Calibration Date		Valid Up to
CCTPL/DTM/0133/03	08.06.2023		07.06.2024

04. Calibration Procedure :- LES-CCL/WI/31/TH/01

Remark : Refer page 2 of 2 for Calibration Results.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL.Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration .
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIV SHANKAR SINGH
(Chief Executive Officer)



LES - Centre For Calibration Laboratory



CC-1051

ULR No.	CC105123000000956F		Page No. - 2 of 2
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Certificate No.	LES-CCL/TH/TP/22		

05. Corrected Calibration Results for Thermocouple with Temperature Indicator

S.No.	Device Under Calibration (°C)	Std. Reading (°C)	Error FS (%)	Calibration Factor	Expanded Uncertainty at 95 % of Confidence level (k =2) (°C)
1	48	49.9	-0.32	1.039	± 1.91
2	99	100.8	-0.30	1.018	± 1.91
3	197	198.5	-0.25	1.007	± 1.92
4	297	298.2	-0.20	1.004	± 2.12
5	397	398.7	-0.29	1.004	± 1.95
6	497	498.8	-0.31	1.004	± 2.01
7	595	597.3	-0.38	1.004	± 2.04

Remark :The Reported value is Average of ten readings.

Uncertainty Contributing Factor :-

- 1.Repeatability (based on ten measurement)
 - 2.Uncertainty of Master Instruments
 - 3.Resolution of DUC
 - 4.Drift of Master Thermocouple
- The evaluated Expanded Uncertainty in calibration at a coverage factor $k \approx 2$,
for degrees of freedom $=\infty$ and confidence level is 95 % for Normal distribution.

Notes :-

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3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

Shiv Shankar Singh

SHIV SHANKAR SINGH
(Chief Executive Officer)

**** End of Calibration Certificate ****



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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000957F		Cali. Field - Fluid Flow	Page No. - 1 of 2	
Certificate No.	LES-CCL/FF/PT/38				
Calibration Date	05.08.2023	Suggested Date of Next Calibration		04.08.2024	
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.	Condition of DUC	OK
Location of Performance for Calibration		Laboratory			

01. Details of DUC

Name	S -TYPE PITOT TUBE	Environmental Conditions During Calibration			
Length	0.6+0.6 mrt	Temperature (°C) :- 25 ± 3 °C		25.4	
SI.No	PT - 47	Relative Humidity (%) :- 45-75 %		56.0	
Cal. Range	3 - 20 m/sec	Barometric Pressure (mmHg)		734.75	

02. Standard Equipment used for calibration

SI.No.	Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
1	S -Type Pitot Tube	3 to 25 m/s	V626 / LES-CCL/R/12101	Enviro Instruments, Gr. Noida
2	Digital Pressure Gauge	0 - 100 mmwc	VEM153080 / LES-CCL/R/2503	GTCL, New Delhi
3	Dig.Temp.Indicator With Sensor	0 - 50 °C	T- 01 / LES -CCL/R/15301	Calyss Calibration, Noida
Certificate No.				Valid Up to
1	EI/FF/4670		30.11.2022	29.11.2023
2	23061201-01		12.06.2023	11.06.2024
3	CCTPL/TI/0133/01		08.06.2023	07.06.2024

03. Calibration Procedure :- LES-CCL/WI/31/FF/06

Remark 1. Refer page 2 of 2 for Calibration Results.

2.The Velocity has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

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- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



ULR No.	CC105123000000957F		Page No. - 2 of 2
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Certificate No.	LES-CCL/FF/PT/38		

04. CALIBRATION OBSERVATIONS AND RESULTS FOR S - TYPE PITOT TUBE

S.No.	Standard 'S' Type Pitot Tube K = 0.8668		'S' Type Pitot Tube (DUC)	
	Dynamic Pressure (mmwc)	Air Velocity (m/s)	Dynamic Pressure (mmwc)	Factor K
1	0.85	3.392	0.8	0.8973
2a	6.74	10.179	5.1	0.9561
2b	6.73		5.4	
2c	6.70		5.6	
2d	6.76		5.7	
2e	6.74		5.7	
2f	6.79		5.8	
3	13.95	13.999	12.5	0.9144
4	23.06	17.302	22.4	0.8788
5	31.16	20.132	30.3	0.8797
Averaged Coefficient (K)				0.9053

Remark : The reading of dynamic pressure represents the mean of 6 reading.

Type A standard Uncertainty Repeted Data Srial No. (2a to 2f)

± 0.0084 m/s

Expanded uncertainty in Actual flow

± 0.2030 m/s or ± 9.9 % Rdg

Measurement at 95 % calibration at a coverage factor (k=2)

Uncertainty Contributing factor :-

1.Repeatability (based on three measurement)

2.Uncertainty of master instruments

3.Resulation Of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Notes :-

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4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

Shivshanker Singh

SHIVSHANKER SINGH
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****End of Calibration Certificate****



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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000942F	Cali. Field - Fluid Flow	Page No. - 1 of 3
Certificate No.	LES-CCL/FF/RF/314		
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F Date	22.06.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.
Location of Performance for Calibration	Laboratory	Issue Date	22.08.2023
		Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	Sl.No.
Stack Sampler	Vayubodhan	VSS - 1	623 - DTG - 09

02. Details of DUC

Name	Rotameter	Environmental Conditions During Calibration
Resolution / Make	1.0 lpm / Flow star	Temperature (°C) :- 25 ± 3 °C
Sl.No.	E9B090	Relative Humidity (%) :- 45-75 %
Cal. Range / Resolution	0 - 30 lpm / 1.0 lpm	Barometric Pressure (mmHg)

03. Standard Equipment used for calibration

03. Standard Equipment used for calibration				
Sl.No.	Standard Equipment Name	Range	Sr.No. / ID. No.	Traceability
1	Air Flow Calibrator	0.2 - 10.0 lpm	002-DTD-2015	PI Calibration Laboratory, Mumbai
2	Digital Vacuum Indicator	0 - 75 mmHg	Sr. No. 03	LES-CCL, Gr. Noida
3	Digital Temp. Indicator	0 - 50°C	T- 02	Calyss Calibration, Noida
4	Orifice Flow Calibrator	11- 100 lpm	001-DTD-2015	PI Calibration Laboratory, Mumbai
Sl.No.	Certificate No.	Calibration Date		Valid Up to
1	PICAL/0922/F/033	05.09.2022		04.09.2023
2	LES-CCL/MECH/PI/884	15.09.2022		14.09.2023
3	CCTPL/TI/0133/02	08.06.2023		07.06.2024
4	PICAL/0922/F/031	05.09.2022		04.09.2023

04. Calibration Procedure :- LES-CCL/WI/31/FF/03 & 04

Remark : 1.Refer page 2 of 3 for Calibration Results and 3 of 3 for calibration curve

2.The Flowrate has been Referenced to Standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

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- Reference used are directly traceable to national standard through unbroken chain of calibration
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



CC-1051

ULR No.	CC105123000000942F		Page No. - 2 of 3
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Certificate No.	LES-CCL/FF/RF/314		

05. Calibration Results for Flow Rate of Rotameter

S.No.	Measured Flow Rate (DUC) lpm	Reference True Flow Rate (lpm)	Error FS (%)	Calibration Factor
1	5.0	4.970	0.100	0.994
2	5.0	4.971	0.097	0.994
3	5.0	4.972	0.093	0.994
4	5.0	4.973	0.090	0.995
5	5.0	4.974	0.087	0.995
6	10.0	9.886	0.380	0.989
7	15.0	14.7	1.000	0.980
8	20.0	19.5	1.667	0.975
9	25.0	24.1	3.000	0.964
10	30.0	29.3	2.333	0.977
11	30.0	29.3	2.333	0.977
12	30.0	29.4	2.000	0.980
13	30.0	29.4	2.000	0.980
14	30.0	29.3	2.333	0.977

(Curve Enclosed)

A. Type A standard Uncertainty

I. for repeated data (1-5) - 5 lpm

± 0.0061 lpm

II. for repeated data (10-14) - 30 lpm

± 0.0234 lpm

B. Expanded uncertainty in Actual flow measurement at 95% as a coverage factor k=2

I. For 5 lpm

± 11.86 %Rdg

or -8.14 %FS

II. For 30 lpm

± 2.3 %Rdg

or 2.18 %FS

Uncertainty Contributing Factor :-

1.Repeatability (based on five measurements)

2.Uncertainty of master instruments,

3.Resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for

Normal distribution.

Notes :-

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- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



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Shivshanker Singh

SHIVSHANKER SINGH
(Chief Executive Officer)



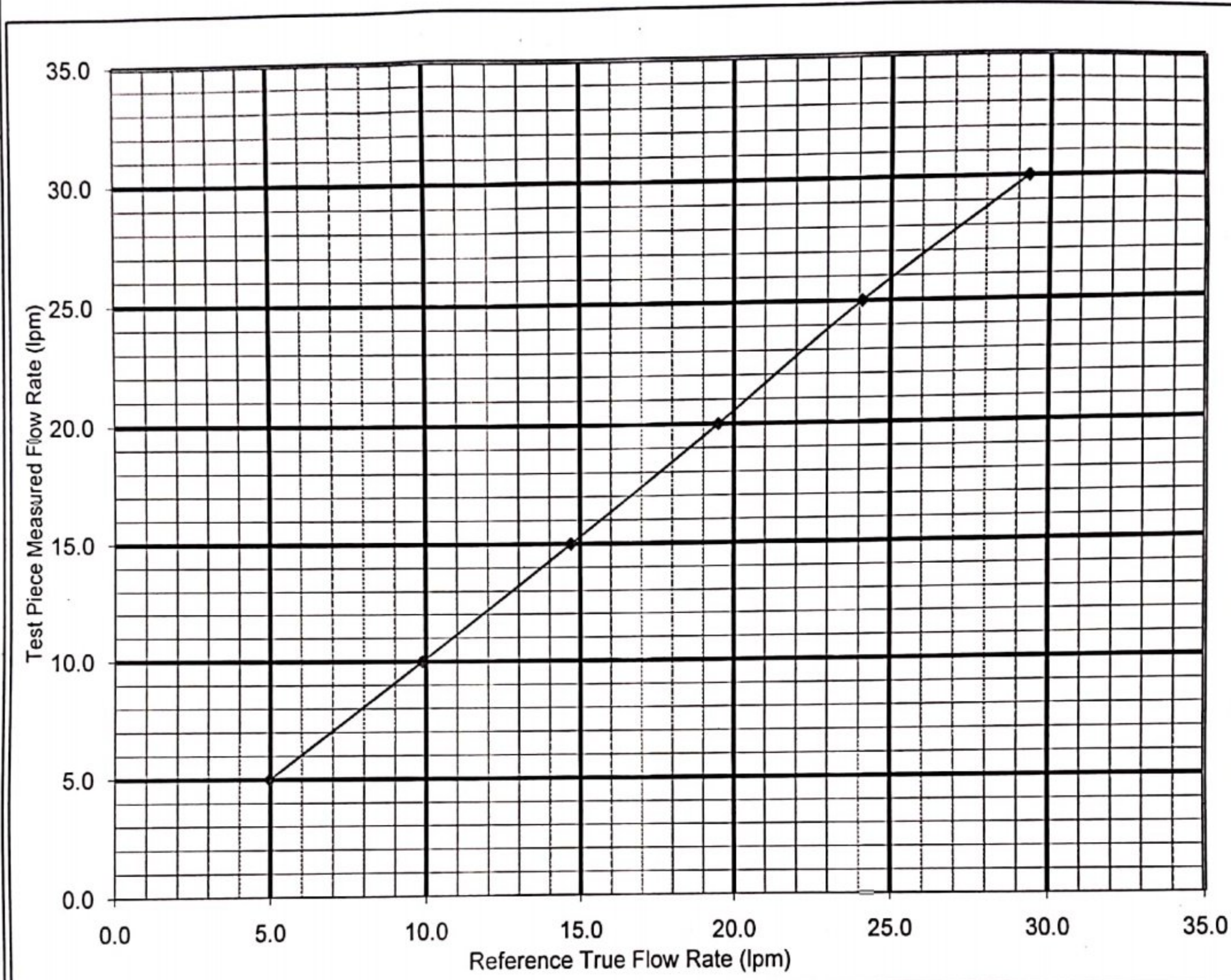
ULR No. CC105123000000942F

Calibration Date 05.08.2023

CALIBRATION CURVE FOR ROTAMETER

CC-1051

Page No. - 3 of 3



Sl.No.	Reference True Flow Rate (lpm)	Test Piece Measured Flow Rate (lpm)	Name of the Instrument	Rotameter
			Sl.No. of the Instrument	E9B090
			Name of the Party	M/s Prism Johnson Limited
				Village - Mankahari, P.O. Bathia,
				Tehsil - Rampur Baghelan,
				Distt. Satna - 485111 (M.P)
1	4.972	5.0		
2	9.886	10.0		
3	14.7	15.0		
4	19.5	20.0		
5	24.1	25.0		
6	29.3	30.0		

Notes :-

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3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments

**Authorized By**SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



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Website : www.lescc1lab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000943F	Call. Field - Fluid Flow	Page No. - 1 of 3
Certificate No.	LES-CCL/FF/RF/315		
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahar, P.O. Bathla, Tohall - Rampur Bagholan, Distt. Satna - 485111 (M.P)		
S.R.F No.	2023/17	S.R.F. Date	22.08.2023
Date of DUC Recolpt	05.08.2023	Calibration Performed At	Parmanent Lab.
Location of Performance for Calibration	Laboratory		
		Issue Date	22.08.2023
		Condition of DUC	OK

01. DUC Fitted In Instrument

Name	Make	Model	Sl.No.
Stack Sampler	Vayubodhan	VSS - 1	623 - DTG - 09

02. Details of DUC

Name	Rotameter	Environmental Conditions During Calibration	
Resolution	0.1 lpm	Temperature (°C) :- 25 ± 3 °C	24.2
Sl.No.	E9B078	Relative Humidity (%) :- 45-75 %	53
Cal. Range / Range	0.5 - 3 lpm / 0 - 3 lpm	Barometric Pressure (mmHg)	736.40

03. Standard Equipment used for calibration

Sl.No.	Standard Equipment Name	Range	Sl.No.	Traceability
1	Air Flow Calibrator	0.2 - 10.0 lpm	002-DTD-2015	PI Calibration Laboratory, Mumbai
2	Digital Vacuum Indicator	0 - 75 mmHg	Sr. No. 03	LES-CCL, Gr. Noida
3	Digital Temp. Indicator	0 - 50°C	T- 02	Calyss Calibration, Noida
Sl.No.	Certificate No.	Calibration Date	Valid Up to	
1	PICAL/0922/F/033	05.09.2022	04.09.2023	
2	LES-CCL/MECH/PI/884	15.09.2022	14.09.2023	
3	CCTPL/II/0133/02	08.06.2023	07.06.2024	

04. Calibration Procedure :- LES-CCL/WI/31/FF/04

Remark 1.Refer page 2 of 3 for Calibration Results and 3 of 3 for Calibration Curve

2.The Flowrate has been Referenced to Standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL.Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



ULR No.	CC105123000000943F		Page No. - 2 of 3
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Certificate No.	LES-CCL/FF/RF/315		

05. Calibration Results for Flow of Rotameter

S.No.	(DUC) Indicated reading (lpm)	Reference True Flow rate (lpm)	Error (%) FS	Calibration Factor
1	0.5	0.471	0.967	0.942
2	0.5	0.472	0.933	0.944
3	0.5	0.473	0.900	0.946
4	0.5	0.475	0.833	0.950
5	0.5	0.476	0.800	0.952
6	1.0	0.965	1.167	0.965
7	1.5	1.442	1.933	0.961
8	2.0	1.962	1.267	0.981
9	2.5	2.460	1.333	0.984
10	3.0	2.928	2.400	0.976
11	3.0	2.927	2.433	0.976
12	3.0	2.928	2.400	0.976
13	3.0	2.929	2.367	0.976
14	3.0	2.930	2.333	0.977

(Curve Enclosed)

Type A standard Uncertainty

- I. for repeated data (1-5) ± 0.2551 lpm
 II. for repeated data (10 - 14) ± 0.0528 lpm

Expanded uncertainty in Actual flow measurement at 95% as a coverage factor k=2

- I. 0.5 lpm ± 5.84 % Rdg or 29.79 %FS
 II. 3.0 lpm ± 5.84 % Rdg or 30.13 %FS

Uncertainty Contributing Factor :-

1. Repeatability (based on five measurements)
2. Uncertainty of master instruments
3. Resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution

Notes :-

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3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the Instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

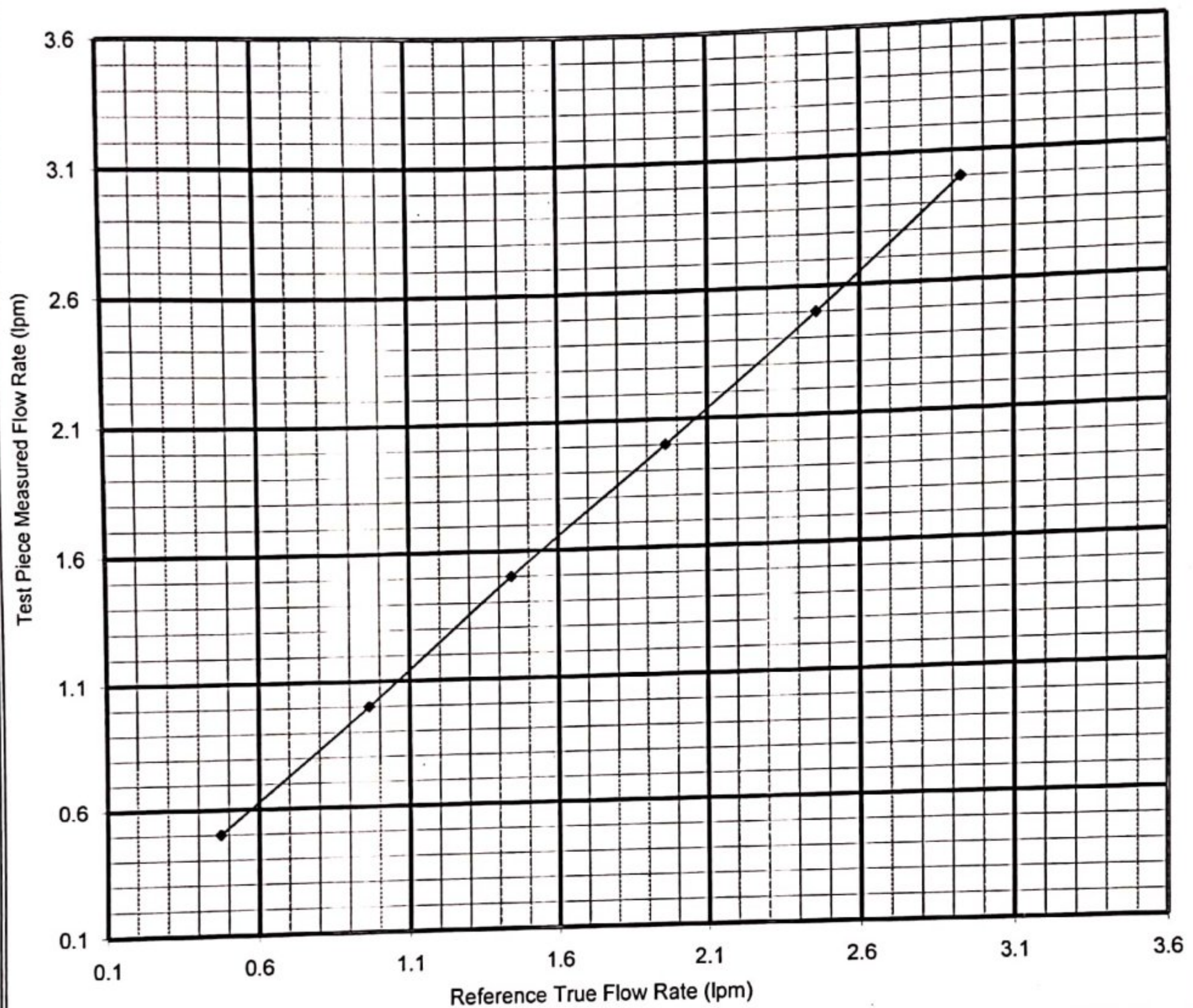


ULR No. CC105123000000943F
Calibration Date 05.08.2023



CC-1051
Page No. - 3 of 3

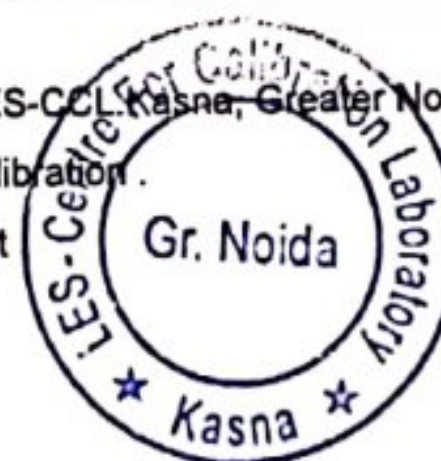
CALIBRATION CURVE FOR ROTAMETER



Sl.No.	Reference True Flow Rate (lpm)	Test Piece Measured Flow Rate (lpm)	Name of the Instrument	Rotameter
			Sl.No. of the Instrument	E9B078
			Name of the Party	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)
1	0.473	0.5		
2	0.965	1.0		
3	1.442	1.5		
4	1.962	2.0		
5	2.460	2.5		
6	2.928	3.0		

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(Chief Executive Officer)

****End of Calibration Certificate****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000944F	Cali. Field - Electro-Technical		Page No. - 1 of 1	
Certificate No.	LES-CCL/ET/SW/31				
Calibration Date	05.08.2023	Suggested Date of Next Calibration			04.08.2024
Customer Name :-	M/s Prism Johnson Limited				
Address :-	Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.	Condition of DUC	OK
Location of Performance for Calibration		Laboratory			

01. DUC Fitted in the Instruments

Name	Make	Model	SI.No.
Stack Sampler	Vayubodhan	VSS - 1	623 - DTG - 09

02. Details of DUC

Name	Stop watch	Environmental Conditions During Calibration	
Make/Trade Mark	Racer	Temperature (°C) :- 25 ± 4 °C	27.4
SI.No.	SW - 623	Relative Humidity (%) :- 30-75 %	38.0
Cal. Range / Resolution	0 -15 min. / 0.01 Sec.	Barometric Pressure (mmHg)	734.50

03. Standard Equipment used for calibration

Standard Equipment Name	Range	ID.No.	Traceability
Digital Automatic Timer	10 Sec - 4 hrs	LES-CCL/R/2507	Pooja Enterprises, Haridwar (Uttarakhand)
Calibration Certificate No.	Calibration Date		Valid Up to
PE23CC01370	10.03.2023		09.03.2024

04. Calibration Procedure : LES-CCL/WI/31/ET/02

05. Calibration Results :-

DUC has been calibrated for following Parameter (S) ranges (S)

S.No.	Displayed Value on DUC (min)	Standard reading Average five Measurements Time (min)	Error (%)	Expanded Uncertainty at 95 % of Confidence level (k =2) (sec)
1	15.004	15.0026	0.009	± 4.53

Uncertainty Contributing Factors :- 1. Repeatability (based on five measurements)

2. Uncertainty of master instruments

3. Resolution of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Notes :-

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- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

*** End of Calibration Certificate ***



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

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E-mail : lescccl307@gmail.com, lescccllab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000945F		Cali. Field - Mechanical	Page No. - 1 of 2	
Certificate No.	LES-CCL/MECH/PI/24				
Calibration Date	05.08.2023	Suggested Date of Next Calibration			04.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.	Condition of DUC	OK
Location of Performance for Calibration		Laboratory			

01. DUC Fitted in Instrument

Name	Make	Model	SI.No.
Stack Sampler	Vayubodhan	VSS - 1	623 - DTG - 09

02. Details of DUC

Name	Pressure Indicator	Environmental Conditions During Calibration	
Make	Testo	Temperature(°C) :- 25 ± 1.5 °C	23.8
Model	Testo - 510	Relative Humidity (%) :- 30-70 %	53
Resolution	0.1 mmH ₂ O	Barometric Pressure (mmHg)	734.50
Cal. Range	0 - 1000 mmH ₂ O		

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
Digital Pressure Gauge	0 - 2000 mmWC	VEM1503080 / LES-CCL/R/2503	GTCL, New Delhi
Certificate No.	Calibration Date		Valid Up to
23061201-01	12.06.2023		11.06.2024

04. Calibration Procedure :- LES-CCL/WI/31/MECH/ 01

Remark : Refer page 2 of 2 for Calibration Results

Notes :-

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- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the Instruments



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(Chief Executive Officer)



LES-CENTRE FOR CALIBRATION LABORATORY



CC-1051

ULR No.	CC105123000000945F		Page No. - 2 of 2
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Certificate No.	LES-CCL/MECH/PI/24		

05.(A) Corrected Calibration Results for Pressure Indicator

Set (DUC) Value (mmH ₂ O)	CYCLE 1		CYCLE 2		CYCLE 3		Standard Avg.Rdg. (mmH ₂ O)	Error % (FS)	Expanded ± Uncertainty (mmH ₂ O)
	UP (mmH ₂ O)	DOWN (mmH ₂ O)	UP (mmH ₂ O)	DOWN (mmH ₂ O)	UP (mmH ₂ O)	DOWN (mmH ₂ O)			
1.0	0.7	10.2	0.8	0.7	0.5	3.8	2.3	-0.13	6.77
10.0	9.4	9.3	9.6	9.5	9.4	9.4	9.5	0.05	4.69
100.0	98.9	99.8	99.1	99.0	99.9	99.6	99.3	0.07	4.72
200.0	198.1	198.0	198.3	198.8	198.1	198.3	198.3	0.17	4.69
400.0	398.7	398.6	398.9	398.8	398.7	398.7	398.7	0.13	4.69
800.0	799.2	799.1	799.4	799.2	799.1	799.1	799.2	0.08	4.69
1000.0	998.1	998.0	998.3	998.2	999.1	998.9	998.8	0.12	4.71

05.(B) Corrected Calibration Results for Pressure Indicator

									(Pa) ↓
9.8	7.3	100.0	8.3	7.3	5.4	37.6	22.4	-1.26	66.4
98.1	92.6	91.7	94.6	93.6	92.6	92.6	93.1	0.49	46.0
980.7	969.8	978.8	971.7	970.8	979.8	976.4	973.6	0.71	46.3
1961.3	1943.1	1942.1	1945.0	1949.6	1943.1	1944.9	1944.5	1.68	46.0
3922.7	3909.8	3908.9	3911.8	3910.8	3909.8	3909.8	3910.3	1.23	46.0
7845.3	7837.4	7836.4	7839.4	7837.4	7836.4	7836.8	7837.6	0.77	46.0
9806.7	9787.9	9786.9	9789.9	9788.9	9797.7	9796.2	9795.0	1.16	46.1

Remark : The reading of Pressure represents the mean of six reading

Uncertainty Contributing Factors:-

1. Repeatability (based on 3 Cycles)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC
4. Uncertainty due to hysteresis

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Notes :-

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5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS is affixed on the Instruments



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(Chief Executive Officer)

....End of Calibration Certificate....



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

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Website : www.lesccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.		CC105123000000946F		Call. Field - Mechanical	Page No. - 1 of 2
Certificate No.		LES-CCL/MECH/VG/38			
Calibration Date		05.08.2023	Suggested Date of Next Calibration		04.08.2024
Customer Name :-		M/s Prism Johnson Limited			
Address :-		Village - Mankahari, P.O. Bathia,			
		Tehsil - Rampur Baghelan,			
		Distt. Satna - 485111 (M.P)			
S.R.F No.	2023/28	S.R.F. Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.	Condition of DUC	OK
Location of Performance for Calibration		Laboratory			

01. DUC Fitted in Instrument

Name	Make	Model	SI.No.
Stack Sampler	Vayubodhan	VSS - 1	623 - DTG - 09

02. Details of DUC

Name	Vacuum Gauge (SPM)	Environmental Conditions During Calibration	
Make	Manometer	Temperature (°C) :- 23 ± 1.5 °C	25.3
SI.No.	GVG - 623	Relative Humidity (%) :- 30-70 %	53
Cal. Range / Range	80 -500 mmHg / 0 - 760 mmHg	Barometric Pressure (mmHg)	746.20
Resolution	0-100 = 25 mmHg & 100-760 = 20 mmHg		

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
Digital Vacuum Gauge	-1.0 to 2 bar	VEM1503079 / LES-CCL/R/2504	GTCL, New Delhi
Certificate No.	Calibration Date		Valid Up to
23061201-02	12.06.2023		11.06.2024

04. Calibration Procedure :- LES-CCL/WI/31/MECH/02

Remark : Refer page 2 of 2 for Calibration Results

Notes :-

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- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



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LES - Centre For Calibration Laboratory



ULR No.	CC105123000000946F			Page No. - 2 of 2
Calibration Date	05.08.2023	Suggested Date of Next Calibration		04.08.2024
Certificate No.	LES-CCL/MECH/VG/38			

05. Corrected Calibration Results for Vacuum Gauge (Sl. No. GVG-623)

Set DUC Value (mmHg)	CYCLE 1		CYCLE 2		CYCLE 3		Standard Avg. Reading (mmHg)	Error % (FS)	Expanded Uncertainty ±	
	UP (mmHg)	DOWN (mmHg)	UP (mmHg)	DOWN (mmHg)	UP (mmHg)	DOWN (mmHg)			(bar)	(mmHg)
80	81.2	79.1	80.7	80.2	82.7	81.5	80.9	-0.15	0.083	62.376
100	97.4	96.7	93.5	92.2	92.2	93.3	94.7	0.69	0.083	62.379
200	178.3	177.2	178.9	175.3	177.8	176.6	177.4	2.98	0.083	62.402
300	310.6	309.0	313.2	311.6	315.0	314.0	312.2	-1.61	0.083	62.385
400	399.6	399.0	403.3	400.8	405.6	400.9	401.5	-0.20	0.083	62.456
500	503.2	502.3	498.5	497.1	502.4	500.6	500.7	-0.09	0.083	62.387

Remark :

The reading of vacuum represents the Average of five reading

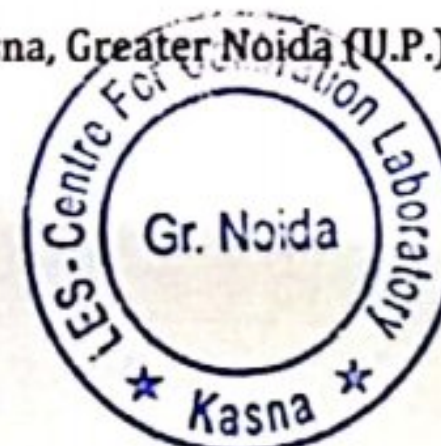
Uncertainty Contributing Factor

1. Repeatability (based on 3 Cycle)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC
4. Uncertainty due to hysteresis,

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

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5. Decision rule required - No
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**** End of Calibration Certificate ****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

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Website : www.lescccllab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000947F			Cali. Field - Mechanical	Page No. - 1 of 2
Certificate No.	LES-CCL/MECH/VG/39				
Calibration Date	05.08.2023	Suggested Date of Next Calibration			04.08.2024
Customer Name :-	M/s Prism Johnson Limited				
Address :-	Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F. Date	22.06.2023	Issue Date	22.08.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.	Condition of DUC	OK
Location of Performance for Calibration	Laboratory				

01. DUC Fitted in Instrument

Name	Make	Model	SI.No.
Stack Sampler	Vayubodhan	VSS - 1	623 - DTG - 09

02. Details of DUC

Name	Vacuum Gauge (GAS)	Environmental Conditions During Calibration	
Make	Manometer	Temperature (°C) :- 23 ± 1.5 °C	25.3
SI.No.	SVG - 623	Relative Humidity (%) :- 30-70 %	53
Cal. Range / Range	80 -500 mmHg / 0 - 760 mmHg	Barometric Pressure (mmHg)	734.50
Resolution	0-100 = 25 mmHg & 100-760 = 20 mmHg		

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
Digital Vacuum Gauge	-1.0 to 2 bar	VEM1503079 / LES-CCL/R/2504	GTCL, New Delhi
Certificate No.	Calibration Date		Valid Up to
23061201-02	12.06.2023		11.06.2024

04. Calibration Procedure :- LES-CCL/WI/31/MECH/02

Remark : Refer page 2 of 2 for Calibration Results

Notes :-

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- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS is affixed on the Instruments



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(Chief Executive Officer)



LES - Centre For Calibration Laboratory



ULR No.	CC105123000000947F		Page No. - 2 of 2
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Certificate No.	LES-CCL/MECH/VG/39		

05. Corrected Calibration Results for Vacuum Gauge (Sl. No. SVG- 623)

Set DUC Value (mmHg)	CYCLE 1		CYCLE 2		CYCLE 3		Standard Avg. Reading (mmHg)	Error % (FS)	Expanded Uncertainty ±	
	UP (mmHg)	DOWN (mmHg)	UP (mmHg)	DOWN (mmHg)	UP (mmHg)	DOWN (mmHg)			(bar)	(mmHg)
80	73.0	70.5	74.3	72.8	75.2	71.9	73.0	1.17	0.083	62.427
100	102.8	100.6	104.3	104.4	104.4	99.8	102.8	-0.37	0.083	62.393
200	187.5	185.8	184.6	183.2	182.0	181.1	184.0	2.10	0.083	62.394
300	304.2	303.0	304.6	303.4	307.8	306.2	304.8	-0.64	0.083	62.374
400	411.6	410.0	407.8	406.8	412.5	410.4	409.9	-1.30	0.083	62.402
500	505.2	504.2	510.4	508.4	507.9	506.0	507.0	-0.92	0.083	62.386

Remark :

The reading of vacuum represents the Average of five reading

Uncertainty Contributing Factor

1. Repeatability (based on 3 Cycle)
2. Uncertainty of master instruments
3. Uncertainty due to resolution of DUC
4. Uncertainty due to hysteresis,

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Notes :-

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4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



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(Chief Executive Officer)

**** End of Calibration Certificate ****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

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E-mail : lescc1307@gmail.com, lescc1lab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescc1lab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000948F	Calibration Field - Thermal	Page No. - 1 of 2
Certificate No.	LES-CCL/TH/TP/21		
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Customer Name :- Address :-	M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)		
S.R.F. No.	2023/17	S.R.F. Date	22.06.2023
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.
Location of Performance for Calibration	Laboratory		
Issue Date	22.08.2023	Condition of DUC	OK

01. DUC Fitted in instrument

Name	Make	Model	SI. No.
Stack Sampler	Vayubodhan	VSS - 1	623 - DTC - 09

02. Details of DUC

Name	Thermocouple with Temperature Indicator	Environmental Conditions During Calibration	
Make/Trade Mark	Audiotronics	Temperature (°C) :- 25 ± 4 °C	24.6
SI.No.	TP - 623	Relative Humidity (%) :- 30-75 %	56.0
Cal. Range / Range	50 - 600 °C / 0 - 600 °C	Barometer Pressure (mmHg)	739.65
Resolution	1 °C		

03. Standard Equipment used for calibration

Standard Equipment Name	Range	SI.No.	Traceability
Digital Thermometer with R - Type T/C	0 - 1600 °C	YD5002383	Calyss Calibration, Noida
Certificate No.	Calibration Date	Valid Up to	
CCTPL/DTM/0133/03	08.06.2023	07.06.2024	

04. Calibration Procedure :- LES-CCL/WI/31/TH/01

Remark : Refer page 2 of 2 for Calibration Results.

Notes :-

- This certificate shall not be reproduced, except in full without the written permission of LES-CCL, Kasna, Greater Noida (U.P.)
- Reference used are directly traceable to national standard through unbroken chain of calibration.
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIV SHANKAR SINGH
(Chief Executive Officer)



LES - Centre For Calibration Laboratory



ULR No.	CC105123000000948F		Page No. - 2 of 2
Calibration Date	05.08.2023	Suggested Date of Next Calibration	04.08.2024
Certificate No.	LES-CCL/TH/TP/21		

05. Corrected Calibration Results for Thermocouple with Temperature Indicator

S.No.	Device Under Calibration (°C)	Std. Reading (°C)	Error FS (%)	Calibration Factor	Expanded Uncertainty at 95 % of Confidence level (k =2) (°C)
1	47	49.9	-0.48	1.062	± 1.91
2	98	100.5	-0.41	1.025	± 1.91
3	197	198.5	-0.25	1.007	± 1.92
4	298	300.1	-0.34	1.007	± 2.12
5	397	399.0	-0.34	1.005	± 1.95
6	498	501.0	-0.49	1.006	± 2.01
7	595	598.3	-0.55	1.006	± 2.04

Remark :The Reported value is Average of ten readings.

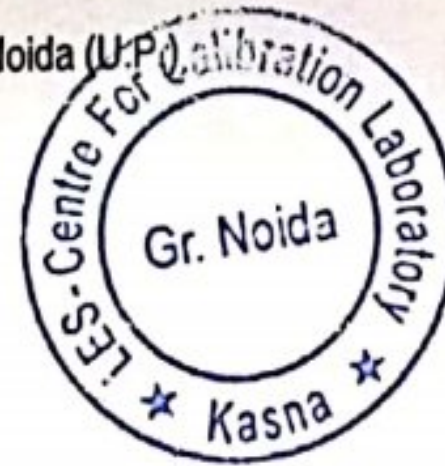
Uncertainty Contributing Factor :-

- 1.Repeatability (based on ten measurement)
- 2.Uncertainty of Master Instruments
- 3.Resulation of DUC
- 4.Drift of Master Thermocouple

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $=\infty$ and confidence level is 95 % for Normal distribution.

Notes :-

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2. Reference used are directly traceable to national standard through unbroken chain of calibration .
3. Results reported are valid at the time of and under the stated conditions of measurement
4. This Certificate refers only to the particular item calibrated.
5. Decision rule required - No
6. Our NABL certificate no. is CC-1051 valid up to 18.05.2025
7. Calibration status - Sticker indicating CAL, STATUS In affixed on the instruments



Authorized By

SHIV SHANKAR SINGH
(Chief Executive Officer)

**** End of Calibration Certificate ****



LATA ENVIROTECH SERVICES-CENTRE FOR CALIBRATION LABORATORY

(A Division of Lata Envirotech Services)

K-307, UPSIDC Industrial Area, Site -5, Kasna, Greater Noida, Gautam Budh Nagar - 201310 (U.P.)
E-mail : lescc1307@gmail.com, lescc1lab@gmail.com, Cell No.: 9911766898, 9821735177, 9355384939
Website : www.lescc1lab.com



CC-1051

CALIBRATION CERTIFICATE

ULR No.	CC105123000000949F		Cali. Field - Fluid Flow		Page No. - 1 of 2	
Certificate No.	LES-CCL/FF/PT/37					
Calibration Date	05.08.2023	Suggested Date of Next Calibration			04.08.2024	
Customer Name :- Address :-		M/s Prism Johnson Limited Village - Mankahari, P.O. Bathia, Tehsil - Rampur Baghelan, Distt. Satna - 485111 (M.P)				
S.R.F No.	2023/17	S.R.F Date	22.06.2023	Issue Date	22.08.2023	
Date of DUC Receipt	05.08.2023	Calibration Performed At	Parmanent Lab.	Condition of DUC	OK	
Location of Performance for Calibration		Laboratory				

01. Details of DUC

Name	S -TYPE PITOT TUBE	Environmental Conditions During Calibration			
Length	0.6+0.6 mrt	Temperature (°C) :- 25 ± 3 °C			25.4
ID.No. / SI.No	V - 102	Relative Humidity (%) :- 45-75 %			56.0
Cal. Range	3 - 20 m/sec	Barometric Pressure (mmHg)			734.75

02. Standard Equipment used for calibration

SI.No.	Standard Equipment Name	Range	SI.No. / ID.No.	Traceability
1	S -Type Pitot Tube	3 to 25 m/s	V626 / LES-CCL/R/12101	Enviro Instruments, Gr. Noida
2	Digital Pressure Gauge	0 - 100 mmwc	VEM153080 / LES-CCL/R/2503	GTCL, New Delhi
3	Dig.Temp.Indicator With Sensor	0 - 50 °C	T- 01 / LES -CCL/R/15301	Calyss Calibration, Noida
	Certificate No.		Calibration Date	Valid Up to
1	EI/FF/4670		30.11.2022	29.11.2023
2	23061201-01		12.06.2023	11.06.2024
3	CCTPL/TI/0133/01		08.06.2023	07.06.2024

03. Calibration Procedure :- LES-CCL/WI/31/FF/06

Remark 1. Refer page 2 of 2 for Calibration Results.

2.The Velocity has been Referenced to standard Temperature (20 °C) and Pressure (760 mmHg Absolute) Condition.

Notes :-

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- Reference used are directly traceable to national standard through unbroken chain of calibration
- Results reported are valid at the time of and under the stated conditions of measurement
- This Certificate refers only to the particular item calibrated.
- Decision rule required - No
- Our NABL certificate no. is CC-1051 valid up to 18.05.2025
- Calibration status - Sticker indicating CAL, STATUS in affixed on the instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)



LES-Centre for Calibration Laboratory



ULR No.	CC105123000000949F	Page No. - 2 of 2
Calibration Date	05.08.2023	Suggested Date of Next Calibration
Certificate No.	LES-CCL/FF/PT/37	04.08.2024

04. CALIBRATION OBSERVATIONS AND RESULTS FOR S - TYPE PITOT TUBE

S.No.	Standard 'S' Type Pitot Tube K = 0.8668		'S' Type Pitot Tube (DUC)	
	Dynamic Pressure (mmwc)	Air Velocity (m/s)	Dynamic Pressure (mmwc)	Factor K
1	0.85	3.395	0.8	0.8973
2a	6.41	9.726	5.1	0.9346
2b	6.44		5.4	
2c	6.46		5.6	
2d	6.48		5.7	
2e	6.42		5.7	
2f	6.45		5.8	
3	13.84	13.892	12.5	0.9109
4	23.05	17.292	22.4	0.8786
5	30.94	19.992	30.3	0.8766
Averaged Coefficient (K)				0.8996

Remark : The reading of dynamic pressure represents the mean of 6 reading.

Type A standard Uncertainty Repeted Data Srial No. (2a to 2f)

± 0.0074 m/s

Expanded uncertainty in Actual flow

± 0.1985 m/s or ± 10.1 % Rdg

Measurement at 95 % calibration at a coverage factor (k=2)

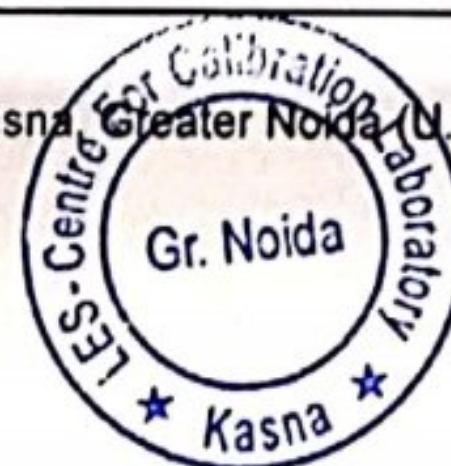
Uncertainty Contributing factor :-

- 1.Repeatability (based on three measurement)
- 2.Uncertainty of master instruments
- 3.Resulation Of DUC

The evaluated Expanded Uncertainty in calibration at a coverage factor $k = 2$, for degrees of freedom $= \infty$ and confidence level is 95 % for Normal distribution.

Notes :-

- 1 .This certificate shall not be reproduced, except in full without the written permisson of LES-CCL.Kasna, Greater Noida (U.P.)
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7. Calibration status - Sticker indicating CAL, STATUS in affixed on the Instruments



Authorized By

SHIVSHANKER SINGH
(Chief Executive Officer)

****End of Calibration Certificate****



ENVIRONMENTAL TEST & CALIBRATION LABORATORY

(An ISO: / 9001/2015 Certified Company)

(A Centre for Environmental Monitoring, Data Generation, Service & Calibration of Air Pollution Monitoring System, Old Monitoring Instruments Hire & Purchase, Services, Supplier of Environmental Monitoring Instruments, Consumables Accessories & Digital On-Line Scientific Goods)

K-307, UPSIDC Industrial Area, Site - V, Kasna, Greater Noida, Distt., - Guatam Budh Nagar-201310, U.P.

Call No.: 09267945626, 0999139742, E-mail etcl.singh@gmail.com / shivshankar300@gmail.com

M/S Prism Jhonson Ltd
(Cemement Division - Unit-II), Village -
Mankahari, P.O. Bathia, Tehsil-Rampur
Baghelan, Distt.-Satna- 485111 (MP)

Page:	1 of 2
Certificate No:	ETCL/Balance/0120
Date of Calibration:	05-08-2023

CALIBRATION CERTIFICATE

This is to certify that the Digital Weighing Balance Make -Metler Toledo ,Model - ML-204 has been calibrated by us. Details of reference and their traceabilities to NABL accredited agencies are given below.

Digital Weighing Balance Make -Metler Toledo ,Model - ML-204

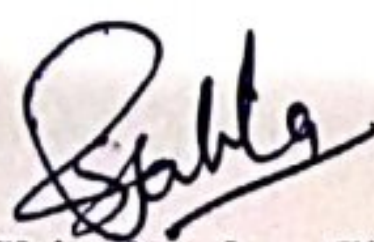
SL. No: B319299006

S. No.	Name of Unit Calibrated	Calibrator Traceable to	Master Calibration Certificate No. & Date of Calibration
	<u>Digital Weighing Balance Make -Metler Toledo ,Model - ML-204</u>		
(i)	Dig. Weighing Balance Sl No- B319299006	Weight Box EI, Gr. Noida , G.B.Nagar (UP)	EI.ME/475 Dt: 02/07/2023

Recalibration is due on 04/08/2024 or after a major repair or overhaul.

For Environmental Test & Calibration Laboratory




F. Shivshanker Singh
(Chief Executive)

M/S Prism Jhonson Ltd

(Cement Division - Unit-II), Village -Mankahari ,P.O.Bathia ,
Tehsil-Rampur Baghelan ,Distt.-Satna- 485111 (MP)**CALIBRATION RESULTS**

Environmental Conditions		Certificate No. ETCL /Balance /120
Temperature (°C)	Barometric Pressure (mmHg)	Date of Calibration -05/08/2023
27 ± 5	737 ± 2	

Digital Weighing Balance Make -Metler Toledo ,Model - ML-204**SI No- B319299006**

S. No.	Test Piece Measured weight (gm)	Reference		Calibration Factor
		Std. Mark (gm)	True Measured weight (gm)	
1	100.0190	100	99.99871	1.000
2	49.99820	50	49.99899	1.000
3	19.99710	20	19.99927	1.000
4	10.00210	10	9.99934	1.000
5	4.99850	5	4.99945	1.000
6	2.00200	2	1.99945	0.999
7	0.99530	1	0.99942	1.004
		mg		
8	0.50653	500	0.49955	0.986
9	0.19950	200	0.20015	1.003
10	0.09970	100	0.10015	1.005
11	0.04990	50	0.05012	1.004
12	0.02020	20	0.02010	0.995
13	0.01090	10	0.01007	0.924

[Signature]
Checked by



[Signature]
Certified by



Authorization Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

RED-LARGE

**CCA-Expansion
Hazardous Authorization up
to - 30/11/2028**

CONSENT NO: ***

PCB ID: 13880

Outward No:119350,15/12/2023

Consent No:H-59332

NO: /MPPCB/SAT

To,

The Proprietor

M/s. M/s. Prism Johnson Ltd.

(Cement Division Unit- II) (13880),

Village-Mankahari, P.O. Bathia,

Tehsil-Rampur Baghelan,

Distt. Satna - 485111 (M.P.)

Subject: Grant of Authorization (**For Expansion**) under Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016.

Ref: Your Application Receipt No. 1301693 Dt. 31/10/2023 and last communication received on Dt.22/11/2023.

With reference to your above application for Grant of Authorization (**For Expansion**) has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed for Authorisation for co-processing of AFR and Hazardous waste in cement plant as per Rule 9 of Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 and CPCB guidelines for preprocessing and co-processing of hazardous and other waste in Cement plants, valid for 05 years up to **30/11/2028**, subject to the fulfillment of the terms & conditions, enclosed with this letter

SUBJECT TO THE FOLLOWING CONDITIONS :-

- a. Location:** Village - Mankahari, P O Bathia, Rajdeep Rewa Road Satna Tehsil - Rampur Baghelan, Distt -Satna, Contact No. 9109912455
- b. The capital investment in Cr:** Rs. 1333 /-s
- c. Product & Production Capacity:**

Sr. No.	Product	Qty/year
1.	<i>Cement</i>	<i>6.70 Million tone/ year (Six point Seven million tone per year)</i>
2.	<i>Clinker</i>	<i>3.0 Million tone/ year (Three million tone per year)</i>
3.	<i>Generation of Electricity by DG-Set-1x 6 MWH</i>	<i>6.00 MWH (Six MWH)</i>

Enclosures:-

- * Conditions under Hazardous waste Rules 2016.
- * General conditions

By the order of Chairman, MPPCB



(Organic Authentication on AADHAR from UIDAI Server)
TPAV # 4M61SPYD9X

Signature Not Verified
Digitally Signed by : Chandra
Mohan Thakur IAS
Date: 15/12/2023 12:30:13 PM

Chandra Mohan Thakur

CHANDRA MOHAN THAKUR
Member Secretary



Authorization Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

CONDITIONS PERTAINING TO THE HAZARDOUS AND OTHER WASTES (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES, 2016:-

[See rule 6 (2)]

FORM-2

GRANT OR RENEWAL OF AUTHORISATION BY STATE POLLUTION CONTROL BOARD TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES

1. Number of authorisation and date of issue :
2. Reference of application (No. and date) **COE-1301693, dt: 31/10/2023**
3. The Authorization shall be valid **From 01/12/2023 to 30/11/2028**
4. The Occupier of **M/s. Prism Johnson Ltd. (Cement Division Unit- II) (13880)** is hereby granted an authorisation based on the signed inspection report of regional officer (can be seen in XGN) for generation/collection, reception, storage, recycling, pre-processing, co-processing/ utilisation, of hazardous or other wastes as per **CPCB guidelines dated 7/07/2017 for preprocessing and co-processing of hazardous and other waste in Cement plants / Rule 09 of Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016** on the premises situated at **Village - Mankahari, P O Bathia , Rajdeep Rewa Road Satna , Tehsil - Rampur Baghelan Distt - Satna (M.P.) - 485111, Phone No. 07672275301.**

Details of Authorisation

Sr. No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Catg.	Existing Capacity (ton/annum)	Additional Capacity After Expansion (ton/annum)	Authorised mode of disposal co-processing, in cement plant.
1.	Ballast Water Containing Oil From Ships(3.4)	3.4	3300.000-M.T	Nill	Co- processing in cement plant
2.	Spent Solvents(28.6)	28.6	16500.000-M.T	Nill	Co- processing in cement plant
3.	Spent acid(26.3)	26.3	25000.000-M.T	Nill	Co- processing in cement plant
4.	Spent Solvents(20.2)	20.2	25000.000-M.T	Nill	Co- processing in cement plant
5.	Spent solvent(21.2)	21.2	550.000-M.T	Nill	Co- processing in cement plant
6.	Sludge Containing Oil(2.2)	2.2	3300.000-M.T	Nill	Co- processing in cement plant
7.	Spent Catalyst(4.2)	4.2	3300.000-M.T	Nill	Co- processing in cement plant
8.	Distillation Residues(20.3)	20.3	6600.000-M.T	Nill	Co- processing in cement plant
9.	Oily Sludge or Emulsion(4.1)	4.1	3300.000-M.T	Nill	Co- processing in cement plant
10.	Spent Catalyst(28.2)	28.2	1100.000-M.T	Nill	Co- processing in cement plant
11.	Spent Catalyst(18.1)	18.1	1650.000-M.T	Nill	Co- processing in cement plant
12.	Wastes or residues containing oil(5.2)	5.2	1752.500-M.T	Nill	Co- processing in cement plant
13.	Slop Oil(4.3)	4.3	3300.000-M.T	Nill	Co- processing in cement plant
14.	Spent Clay Containing Oil(4.5)	4.5	3300.000-M.T	Nill	Co- processing in cement plant
15.	Acid from used batteries(9.3)	9.3	12000.000-M.T	Nill	Co- processing in cement plant
16.	Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	26.1	6000.000-M.T	Nill	Co- processing in cement plant
17.	Spent solvent(26.4)	26.4	25000.000-M.T	Nill	Co- processing in cement plant
18.	Spent pickling liquor(13.1)	13.1	6000.000-M.T	Nill	Co- processing in cement plant
19.	Spent solvents(29.4)	29.4	25000.000-M.T	Nill	Co- processing in cement plant
20.	Process Residue and wastes(28.1)	28.1	8250.000-M.T	Nill	Co- processing in cement plant
21.	Drilling mud containing oil(2.3)	2.3	6000.000-M.T	Nill	Co- processing in cement plant
22.	Process wastes or residues(29.1)	29.1	25000.000-M.T	Nill	Co- processing in cement plant
23.	Spent acids(29.6)	29.6	3000.000-M.T	Nill	Co- processing in cement plant
24.	Exhaust Air or Gas cleaning residue(35.1)	35.1	Nill	3000.000-M.T	Co- processing in cement plant
25.	cargo residue, washing water and sludge containing oil(3.1)	3.1	Nill	3300.000-M.T	Co- processing in cement plant
26.	Drill cuttings excluding those from water based mud(2.1)	2.1	Nill	6000.000-M.T	Co- processing in cement plant
27.	Date-expired products(28.5)	28.5	Nill	16500.000-M.T	Co- processing in cement plant
28.	Chemical sludge from waste water treatment(35.3)	35.3	Nill	6600.000-M.T	Co- processing in cement plant
29.	cargo residue and sludge containing chemicals(3.2)	3.2	Nill	3300.000-M.T	Co- processing in cement plant
30.	Sludge And Filters Contaminated With Oil(3.3)	3.3	Nill	3300.000-M.T	Co- processing in cement plant
31.	Carbon residue(18.2)	18.2	Nill	1650.000-M.T	Co- processing in cement plant
32.	Organic Residues From Process(4.4)	4.4	Nill	3300.000-M.T	Co- processing in cement plant
33.	Organic Residues(1.4)	1.4	Nill	4950.000-M.T	Co- processing in cement plant
34.	Cathode Residues Including Pot Lining Wastes(11.2)	11.2	Nill	6000.000-M.T	Co- processing in cement plant
35.	Brine Sludge(16.3)	16.3	Nill	6000.000-M.T	Co- processing in cement plant
36.	Process residues(38.1)	38.1	Nill	130000.000-M.T	Co- processing in cement plant
37.	Off Specification Products(28.4)	28.4	Nill	6600.000-M.T	Co- processing in cement plant

Consent No. H-59332



Authorization Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

38.	Any process or distillation residue(36.1)	36.1	Nill	3000.000-M.T	Co- processing in cement plant
39.	Spent carbon(28.3)	28.3	Nill	3000.000-M.T	Co- processing in cement plant
40.	Spent Catalyst And Molecular Sieves(1.6)	1.6	Nill	3300.000-M.T	Co- processing in cement plant
41.	Drosses and waste from treatment of salt sludge	11.5	Nill	6000.000-M.T	Co- processing in cement plant
42.	Sludge From Acid Recovery Unit(13.2)	13.2	Nill	6000.000-M.T	Co- processing in cement plant
43.	Wastes or Residues (Not Made With Vegetable Or Animal Materials)(23.1)	23.1	Nill	6000.000-M.T	Co- processing in cement plant
44.	Spent ion exchange resin containing toxic metals	35.2	Nill	6000.000-M.T	Co- processing in cement plant
45.	process Wastes,Residues and sludges(21.1)	21.1	Nill	550.000-M.T	Co- processing in cement plant

- (1) The authorisation is subject to the following general and specific conditions (Please specify any conditions that need to be imposed over and above general conditions if any)
- (2) The industry shall comply with the provisions of SOP issued by the CPCB dated 07-07-2017 – Guidelines for preprocessing ,and co-processing of hazardous waste and other waste / AFR in cement plant.
- (3) Industry shall comply the emission norms as per MoEF &CC notification vide GSR no 497 dated 10-05-2016 as amended.
- (4) Industry shall submit six monthly compliance of SOP for AFR co-processing by cement plant.
- (5) Industry shall insure installation, regular operation and internet connectivity of CEMS with the Board for online Continuous stack Emission Monitoring System (CSEMS) with to monitor gaseous emission and regular monitoring of heavy metal as per provisions of CPCB- SOP and connect the same with Environment Surveillance Centre, M.P. Pollution Control Board Bhopal for remote surveillance

A. General conditions of authorisation:

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.
15. The non hazardous solid waste arresting in the industry/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

Consent No:H-59332



Authorization Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

B. Specific conditions:

1. The industry shall display the information on hazardous waste generated on notice board of size 6' x 4' (in Hindi & English) outside the unit main gate along with quantity and nature of hazardous chemicals being handled in the plant, including wastewater, air emission and hazardous wastes.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.

Additional Haz condition:-

1. The industry shall obtain insurance under Public Liability Insurance Act, if applicable and shall submit a copy to the board.
2. Any unauthorized change in production capacity, process, raw materials, personnel, equipments etc. as mentioned in the application by the person authorized shall constitute a breach of this authorisation.
3. The unit shall maintain the records of hazardous waste as per the Form-3 of rule 6(5) and shall online submit the annual return in Form-4 as per rule 6(5) 20(2) to this office on or before 30th June every year and preferably before 30th April.
4. The information regarding quantity of hazardous wastes generated and its analysis report should be sent to the Board online at least annually.
5. Hazardous Waste Storage Site & Danger signboard shall be provided with all safety devices at the storage site.
6. The authorized person shall inform the name and address of the contact person / occupier responsible for hazardous waste management.
7. No import of hazardous waste is allowed at the site.
8. In the event of any accident due to handling of hazardous wastes, the authorized person must inform immediately to the Regional Office & Head office of the board on fax/telephone/email- it_mppcb@rediffmail.com about the incident and detail report should be sent in Form No.5 as per Rule-10 of Hazardous and other Waste (Management and Transboundary Movement) Rule 2016 as amended upto date.
9. The occupier or operator of the Treatment, Storage and Disposal Facility or recycler shall ensure that the hazardous waste are packaged and labeled, based on the composition in a manner suitable for safe handling, storage and transport as per the guidelines issued by the Central Pollution Control Board vide - October 2004 & conditions issues from time to time.
10. The labeling and packaging shall be easily visible and be able to withstand physical conditions and climate factors.
11. The transport of the hazardous wastes shall be in accordance with the provision of these rules and the rules made by the Central Govt. under the Motor Vehicle Act 1988 and other guidelines issued from time to time in this regard.
12. In case of transportation of hazardous wastes through a State other than the State of origin or destination, the occupier shall intimate the concerned State Pollution Control Board before he hands over the hazardous wastes to the transporter.
13. The occupier shall provide the transporter with six copies of the manifest as per the colour codes as per rule 20(1).
14. The occupier shall forward copy 1 (white) to the State Pollution Control Board and in case the hazardous wastes are likely to be transported through any transit State, the occupier shall prepare an additional copy each for intimation to such State and forward the same to the concerned SPCB before he hands over the hazardous wastes to the transporter.
15. No transporter shall accept hazardous wastes from an occupier for transport unless copies 3 to 7 of the manifest accompany it.
16. The transporter shall submit copies 3 to 7 of the manifest duly signed with date to the operator of the facility along with the waste consignment.

Consent No:H-59332



Authorization Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

17. The industry shall comply with the Standard Operating Procedure (SOP) and Monitoring Protocol as per the guidelines issued by the Central Pollution Control Board for the Industries engaged in the co-processing of the hazardous waste.

18. The industry shall procure the pre-processed hazardous waste from the agency duly authorised by the MPPCB and the transportation shall be done through the transporters registered with the MPPCB under the Rules, 2016.

GENERAL CONDITIONS:

1. The non hazardous solid waste arising in the industry/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

Non Hazardous Solid wastes:- (If any)

Type of waste	Quantity	Disposal
Scrap/ Plastic packing material wood, card board, gunny bags etc	Record should be maintained	Sale to authorized party/As Per CPCB. MoEF Guide lines.

2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:
 - a. To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
 - b. To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
 - c. To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
 - d. To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
 - e. To sample at reasonable times any discharge or pollutants.
4. This consent / authorisation is transferable in nature, in case of any change in ownership / management, the new owner / partner / directors / proprietor shall immediately apply for the consent with new requisite information.
5. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorise any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
6. Industry shall install separate electric metering arrangement for running of pollution control devices and this arrangement shall be made in such fashion that any non functioning of pollution control devices shall immediately stop electric supply to the production and shall remain tripped till such time unless the pollution control device/devices are made functional. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month.
7. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 or Authorization under the provisions of Hazardous and other Waste (Management & Transboundary movement) Rules 2016 only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per there Act / Rules.
8. Balance consent/authorisation fee, if any shall be recoverable by the Board even at a later date.
9. The applicant shall submit such information, forms and fees as required by the board not later than 180 day prior to the date of expiration of this consent/authorization.
10. The industry/unit shall establish a separate environmental cell, headed by senior officer of the unit for reporting the environmental compliances. The industry/ Unit shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
11. Industry shall obtain membership of Emergency Response Center of the Board if needed.
12. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.
13. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to, the following:

Consent No: H-59332



Authorization Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

- (a) Violation of any terms and conditions of this Consent.
- (b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
- (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.

14. On violation of any of the above-mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the industry.

Additional condition:- (if any) :-

1. *The industry shall operate the Outdoor HD Industrial grade IP (Internet Protocol) Cameras with pan-Tilt-Zoom (PTZ) feature, minimum focal length 30X with night vision facility and temper proof mechanism at suitable location to display all emission sources and effluent discharge point shall be kept operational & in working order and connect the same with Environment Surveillance Centre of MP Pollution control board Bhopal for remote surveillance.*
2. *Industry shall ensure regular operation and maintenance of canyons water foggers installed in the plant. They must be kept in working condition at all times.*
3. *Industry shall obtain Consent to operate for expansion as per CTE (expansion) conditions / consent condition.*

Authorization as required under the Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 is granted to your industry subject to fulfillment of all the conditions mentioned above. For renewal purpose you shall have to make an application to this Board through XGN at least Six months before the date of expiry of this Authorisation. The applicant without valid Authorisation (for operation) of the Board shall not bring in to use any outlet for the discharge of effluent and gaseous emission.

**For and on behalf of
M.P. Pollution Control Board**

By the order of Chairman, MPPCB



(Organic Authentication on AADHAR from UIDAI Server)
TPAV # 4M61SPYD9X

CHANDRA MOHAN THAKUR
Member Secretary

Consent No:H-59332

M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Name & Address of the Party :

Sample Description : Waste Water
Sampling Location : STP Outlet
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1122725000000787F
Report No. : VTL/WW/2503280010/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 28/03/2025-02/04/2025
Receipt Date : 28/03/2025
Sampling Date : 27/03/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.45	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	33.5	mg/L	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 2023	876.2	mg/L	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/L	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 2023	13.0	mg/L	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2023	58.0	mg/L	250
7	Faecal coliform	APHA 24th Edition 9221 C: 2023	84	MPN/100 ml	---

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report

VIBRANT
"Experience the unimaginable"



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/1

Vibrant Techno Lab Pvt. Ltd.

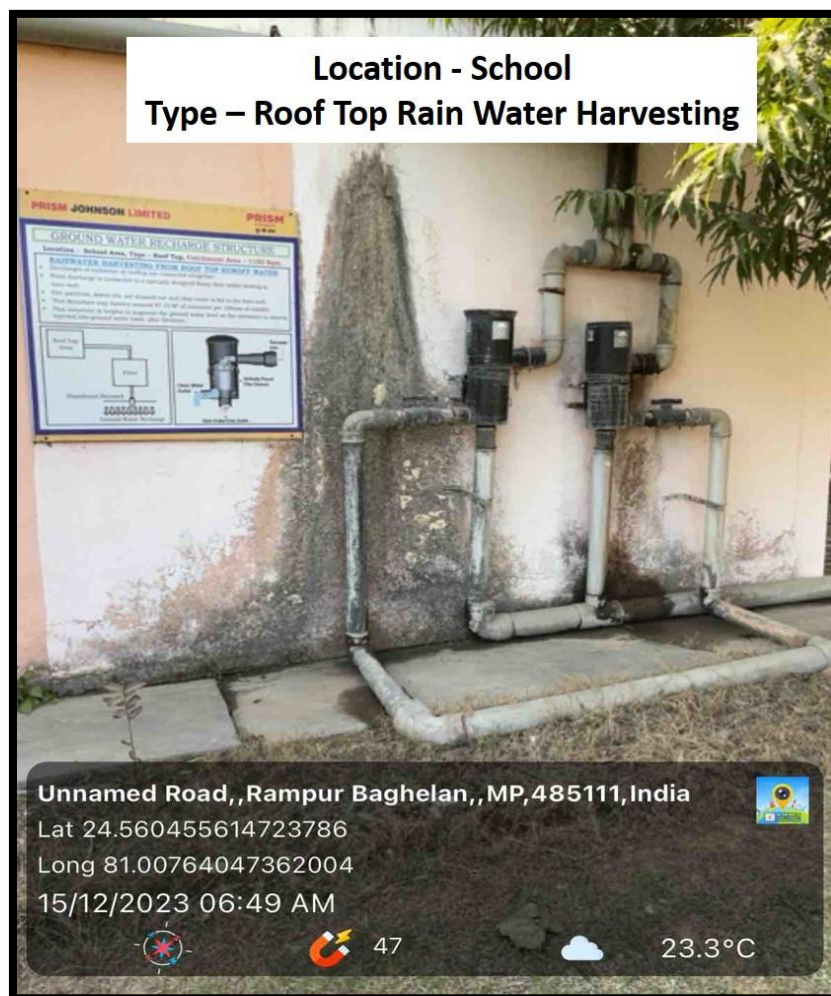
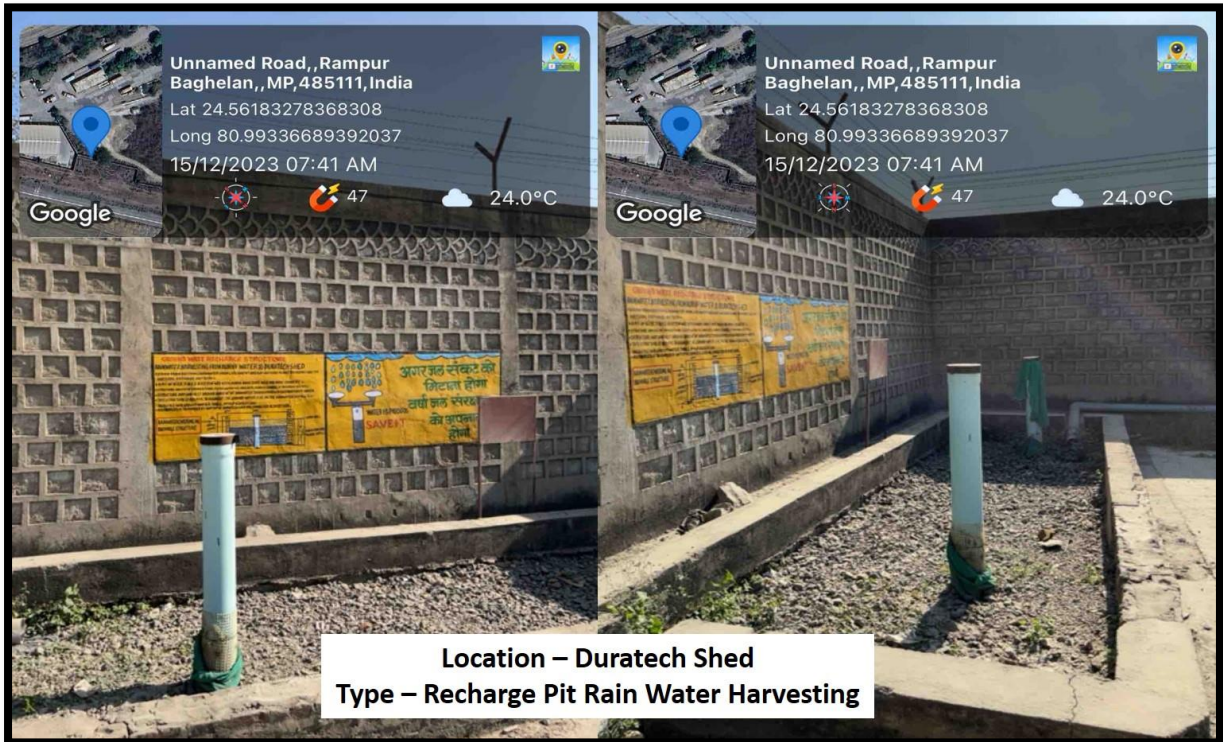
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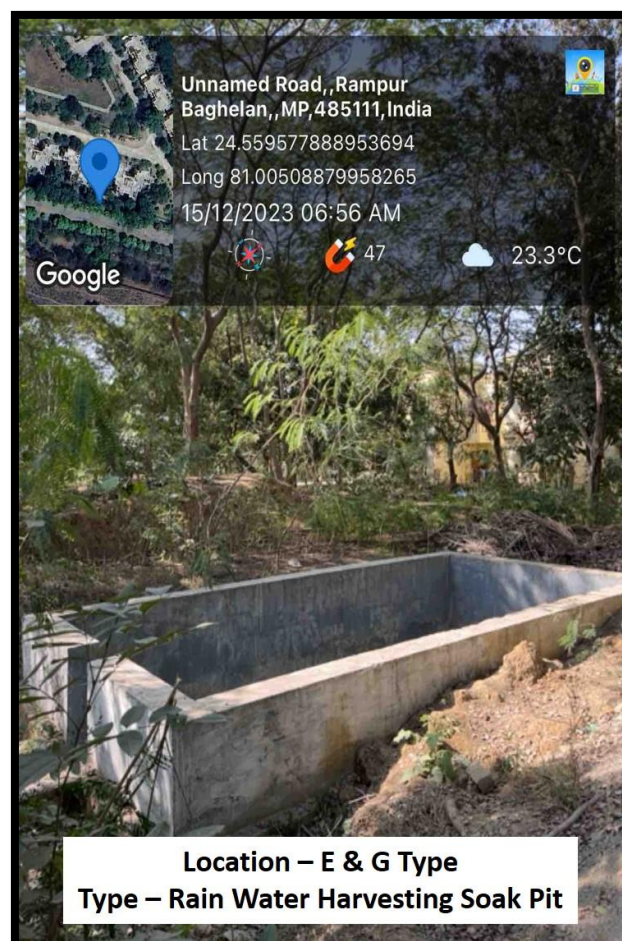
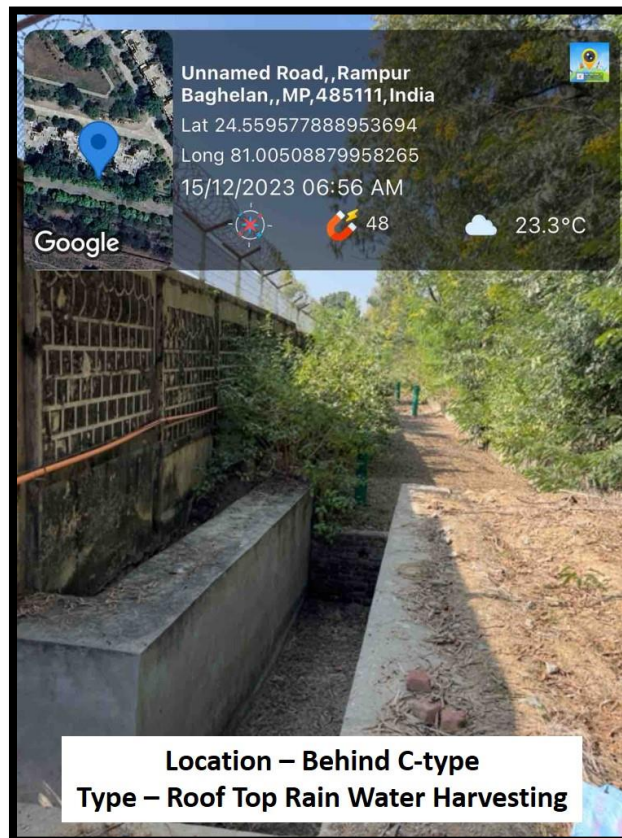
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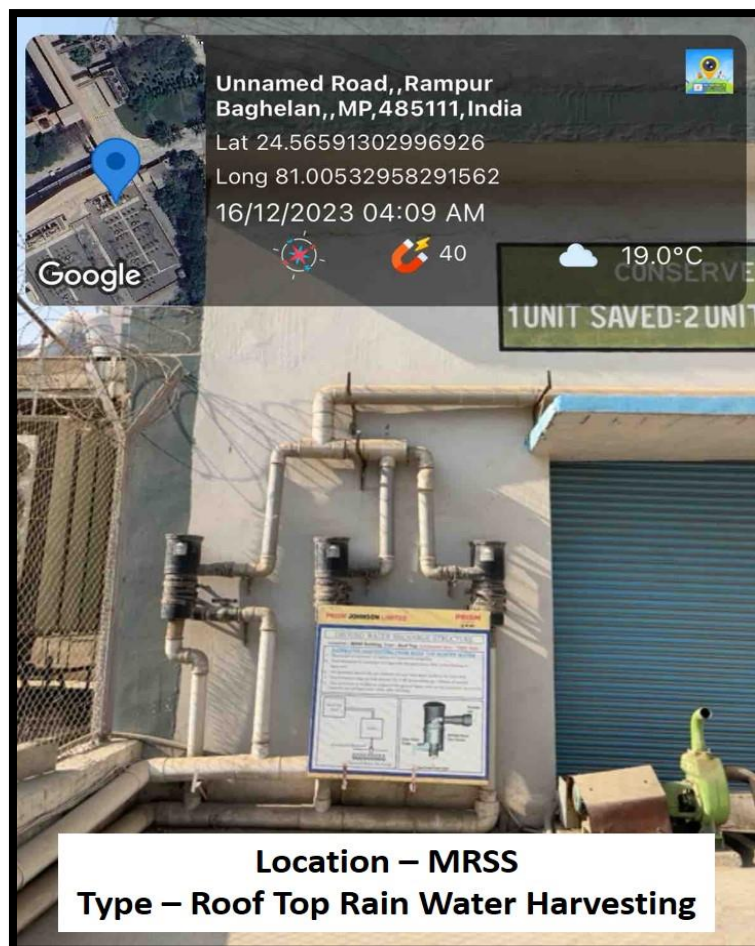
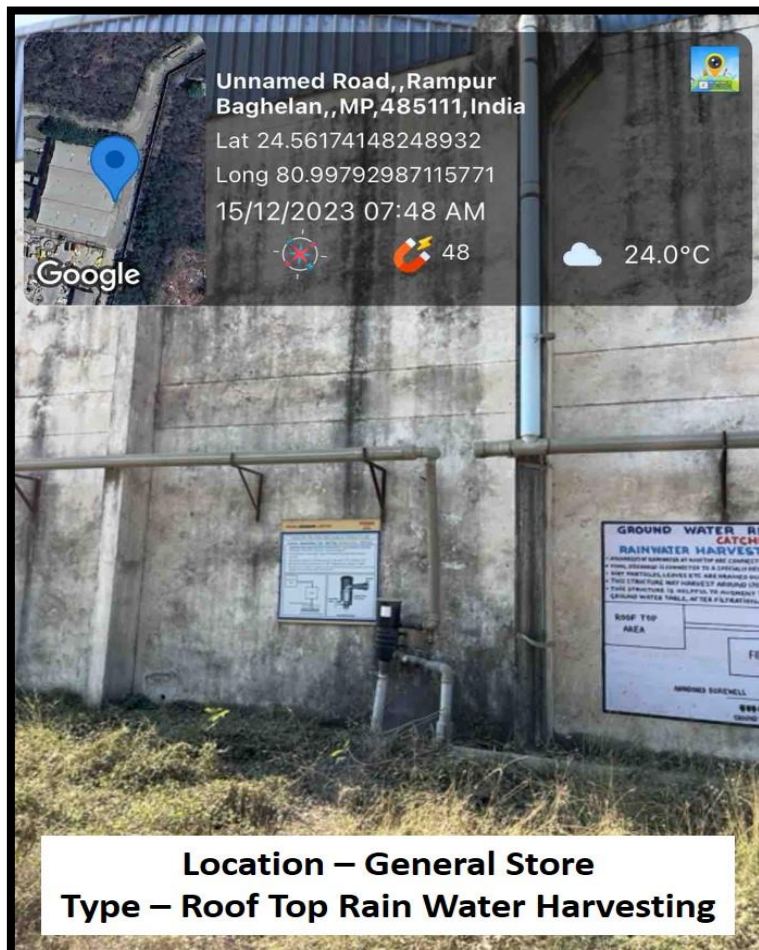
bd@vibranttechnolab.com

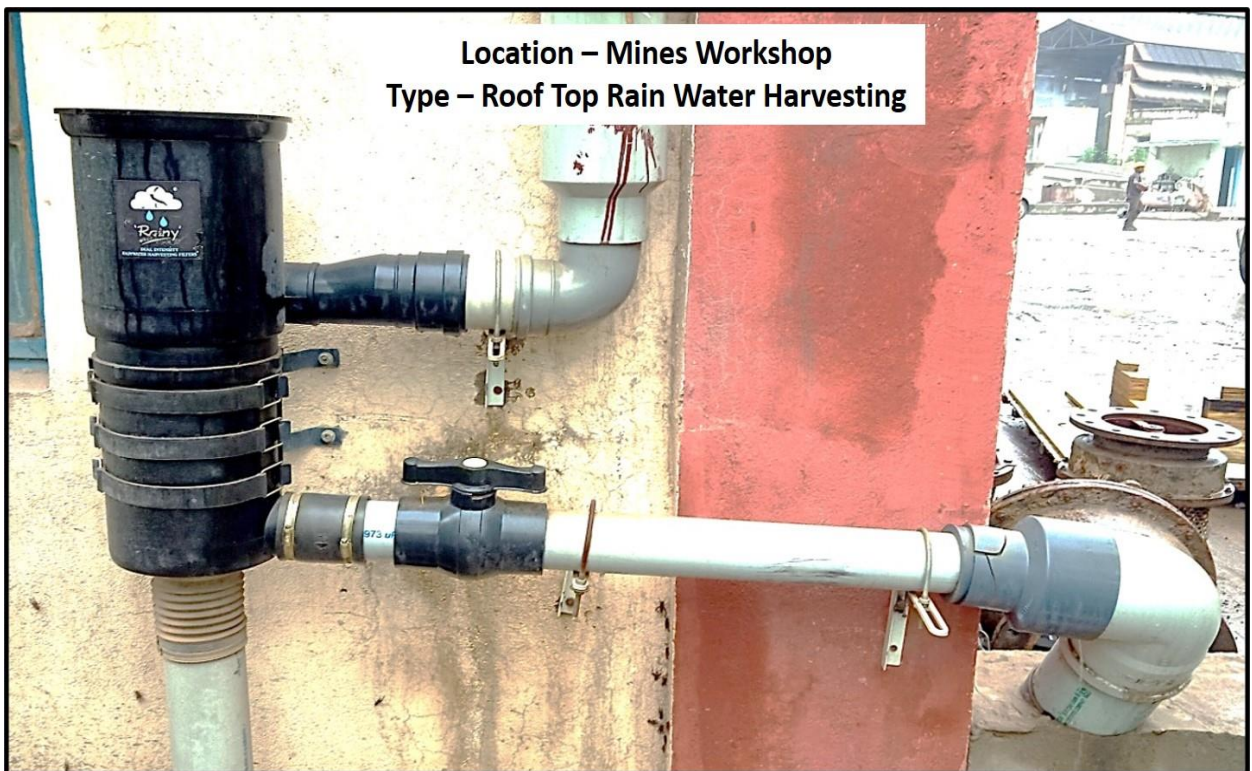
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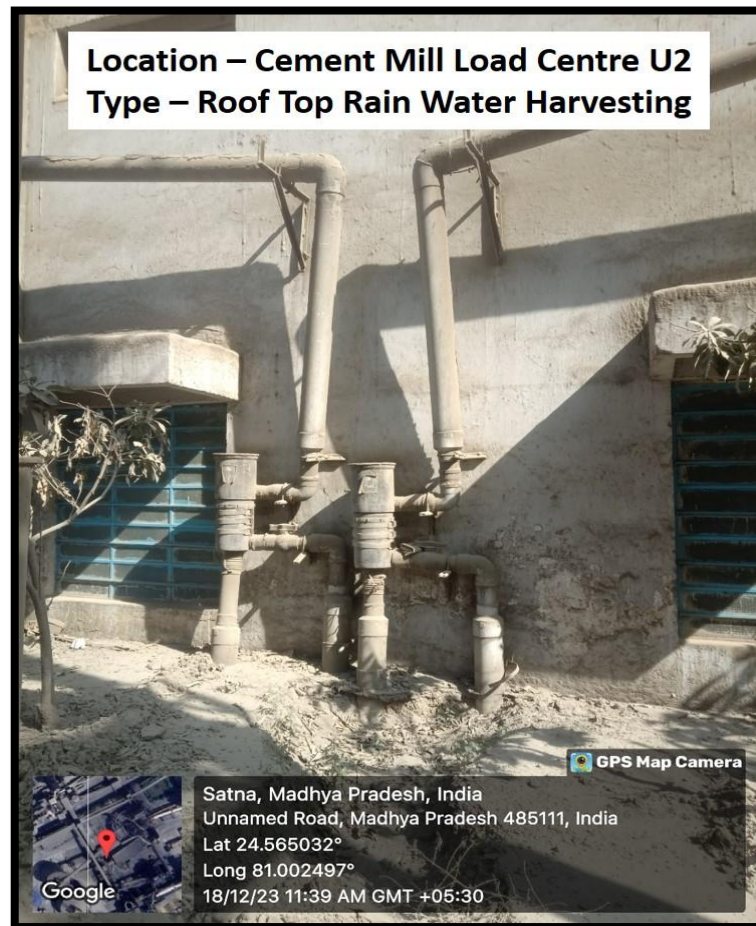
Rainwater Harvesting structure photographs















At DIC Land



At Cafeteria



Behind B-type

S. No.	Land use type	Runoff Coefficient (As per CGWB Guidelines)	Rainfall	Area M2	Total Recharge 2024 -25
1	Roof - Project office	0.85	1.110	386	364.19
2	Roof - School	0.85	1.110	1150	1085.03
3	Roof of MRSS	0.85	1.110	1900	1792.65
4	Roof of Cement Mill Load Center U2	0.85	1.110	1100	1037.85
5	Roof General Store	0.85	1.110	2000	1887.00
6	Cooler Load Centre U1	0.85	1.110	1100	1037.85
7	Cooler Load Centre U2	0.85	1.110	1000	943.50
8	Durtech shed	0.85	1.110	800	754.80
9		0.85	1.110	30000	28305.00
10	Packing Plant Unit I	0.85	1.110	375	353.81
11	Packing Plant Unit II	0.85	1.110	1500	1415.25
12	Mines Workshop	0.85	1.110	468	441.56
13	Ground water recharge with abandoned bore well near steel yard	0.85	1.110	40000	37740.00
14	Groundwater Recharge with Abandoned Bore well - 1	0.2	1.110	10000	2220.00
15	Groundwater Recharge with Abandoned Bore well - 2	0.2	1.110	10000	2220.00
16	Groundwater Recharge with Abandoned Bore well - 3 (Near Kiln)	0.2	1.110	2500	555.00
17	Groundwater Recharge Pit Connected with Storm Drain - A type Colony	0.85	1.110	9746	9195.35
18		0.3	1.110	17307	5763.23
19	Groundwater Recharge Pit Connected with Storm Drain - Near Nursery	0.85	1.110	22828	21538.22
20		0.3	1.110	47748	15900.08
21	Runoff Water Harvesting Structure Behind C-Type	0.65	1.110	30000	21645.00
22	New security Barrack	0.65	1.110	10000	7215.00
23	Near E & G Type Colony	0.65	1.110	30000	21645.00
24	Near DIC Land	0.65	1.110	10000	7215.00
25	Cafeteria RWH	0.65	1.110	10050	7251.08
26	Behind B-Type	0.65	1.110	10000	7215.00
TOTAL RECHARGE					206736.45

Roof top rainwater harvesting structures
Abandoned Borewell
Ground water recharge -Storm Drain

By e-mail

**GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES
OFFICE OF THE REGIONAL CONTROLLER OF MINES, JABALPUR**

No. JAB/SAT/LST/MMP-01/2025-26

Dt : 16/05/2025

Shri/M/s. PRISM JOHNSON LIMITED ,
305, LAXMI NIWAS APARTMENTS AMEERPET HYDERABAD

Sub Approval of modifications in the Mining Plan in respect of your Mining Lease Area for Limestone over an area of 99.416 Ha. situated in :
Sijahata Village, Rampur Baghelan Taluka, Satna District of Madhya Pradesh State.

Ref : (i) Your Letter No. NIL dated 23/03/2025 submitting draft copy of modified Mining Plan in respect of aforesaid M.L. Area.
(ii) This office letter of even no. dated 22/04/2025.
(iii) Your Letter No. Nil dated 05/05/2025 submitting final copies of Mining Plan in respect of aforesaid M.L. Area.

Sirs,

In exercise of the powers conferred by clause (b) of sub-section (2) of section 5 of the Mines & Minerals (Development & Regulation) Act, 1957 and clause (3) of Rule 17 of the Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules, 2016 read with Government of India Order No.S.O.445(E) dated 28.04.1987 and S.O. 1857(E) dated 18th May, 2016; I hereby **APPROVE** the modifications in Mining Plan alongwith Progressive Mine Closure Plan (PMCP) for the period of 2025-26 to 2026-2027 (proposal period may be indicated). This approval is subject to the following conditions:

A. General Conditions:

1. That the Modified Mining Plan is approved without prejudice to any other laws applicable to the mine / area from time to time whether made by the Central Government, State Government or any other authority.
2. That this approval of the Modified Mining Plan does not in any way imply the approval of the Government in terms of any other provisions of the Mines & Minerals (Development & Regulation) Act, 1957 or the Mineral Concession Rules, 1960 or any other laws including Forest (Conservation) Act, 1980, Environment (Protection) Act, 1986 and the rules made there under.
3. That the Modified Mining Plan is approved without prejudice to any other order or direction from any court of competent jurisdiction.
4. The provisions of the Mines Act, 1952 and Rules and Regulations made thereunder including submission of notices of opening, appointment of manager and other statutory officials as required by the Mines Act, 1952 shall be complied with.
5. If anything is found to be concealed as required by the Mines Act in the contents of the modified mining plan and the proposal for rectification has not been made, the approval shall be deemed to have been withdrawn with immediate effect.
6. The execution of modified mining plan shall be subjected to vacations of prohibitory orders / notices, if any.
7. ^^A copy of EIA/EMP Report approved by MOEF, New Delhi should be submitted to this office within one month of its approval along with a copy of their approval letter. (^^ if applicable)
8. The Environmental Monitoring Cell of the company shall continue monitoring ambient Air quality, dust fall rate, water quality, soil sample analysis and noise level measurements on various stations established for the purpose both in the core zone and buffer zone, as per Department of Environment guidelines and keeping in view IBM's Circular No. 3/92, season- wise every year or by engaging preferably the services of an Environmental Laboratory approved by MOEF / CPCB. The data so generated shall be maintained in a bound paged register kept for the purpose and the same shall be made available to the inspecting officer on demand.
9. This approval for proposed mining operation and associated activities is restricted to the mining lease area only. The mining lease area is as shown on the statutory plans by the Lessee/QP/Applicant and Indian Bureau of Mines has not undertaken verification of mining lease boundary on the ground.
10. Your attention is invited to the Supreme Court interim order in W.P. (C) No. 202 dated 12.12.1996 for compliance. The approval of above said Modified Mining Plan is therefore, issued without prejudice to and is subject to the said directions of the Supreme Court as applicable.
11. This department does not undertake any responsibility regarding correctness of the boundaries of the lease area shown on the ground with reference to lease map & other plans furnished by the lessee.
12. Yearly report as required under Rule 26(2) of Mineral Conservation and Development Rules 1988, setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved progressive mine closure plan and if there is any deviations, reasons thereof shall be submitted before 1st July of every year.
13. The validity period of the financial assurance shall be renewed before the expiry of the same and should be submitted to this office.(wherever applicable)

14. At any stage, if it is observed that the information furnished in the document are incorrect or misrepresent facts, the approval of the document shall be revoked with immediate effect.
15. This approval is given for received proposals as applicable from this date for the Mining activities to be carried out within the mining lease area. The earlier instances of irregular mining / illegal mining, if any shall not be regularized through the approval of this document.
16. The approval of the above said Modified Mining Plan with PMCP is subject to condition that you shall maintain boundary pillars as indicated in Rule 12 of Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules, 2016.

B. Special Conditions:

1. The lessee to keep a separate record of sale of mineral, if any, from the lease and will report such sale in the monthly & annual returns to be submitted under the Mineral Conservation & Development Rules, 2017.
2. An Environmental monitoring cell should be constituted to carry out regular monitoring of environmental parameters (Air, Water & Noise level) and quarterly report of Environmental monitoring should be submitted to the Regional Controller of Mines, Indian Bureau of Mines, Ranchi. Further, daily monitoring report should be displayed on display board near mine/mine office.
3. The approval is given for the received proposals as applicable from this date for the mining activities to be carried out within the lease area. The earlier instances of irregular mining/ illegal mining, if any, shall not be regularized through the approval of this document.
4. It shall be mandatory for the project proponent, abstracting ground water, to obtain NO Objection Certificate from Central Ground Water Authority or, the concerned State/Union Territory Ground Water Authority, as the case may be.
5. **6. That the yearly report in the prescribed format indicating the extent of protective and rehabilitative works carried out as envisaged in the Review of Mining Plans with prograssive Mine closure Plan required under Rule 26(2) of Mineral Conservation and Development Rules, 2017shall be submitted before 1st of July of every year to the Regional office, Indian Bureau of Mines.**
6. As per Madhya Pradesh State Government's order dated 10/08/2011 if there is enhancement of production proposed from that in the approved scheme of mining under such circumstances additional stamp duty has to be paid by the lessee for the enhances quantum of production and also a supplementary agreement has to be made by the lessee.
7. Any increase in production proposed should only be carried out after obtaining statutory permission from all regularity bodies .

Encl: 01 Digital Copy of Approved

Modified Mining Plan.(JAB/SAT/LST/MMP-01/2025-26)

Yours faithfully,

(SALIL SANDIP KUJUR)

Regional Controller of Mines/ OIC

Copy without enclosure forwarded for information to Shri. Amit Biswas, Qualified Person

(SALIL SANDIP KUJUR)

Regional Controller of Mines/ OIC

Not on first Two copies:

Copy forwarded for kind information to:

(i) The Controller of Mines (CZ), Indian Bureau of Mines, Nagpur.

(ii) The Director of Mines Safety, D.G.M.S Jabalpur

(iii) The Director, Govt. of Madhya Pradesh, Khaniz Bhawan, 29A Arera Hills, Jail Road, Bhopal (MP) alongwith Modified Mining Plan .

(iv)The District Collector, Satna (M.P.)

(v) QP file/Mine file/Guard file.

(SALIL SANDIP KUJUR)

Regional Controller of Mines/ OIC

By e-mail

**GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES
OFFICE OF THE REGIONAL CONTROLLER OF MINES, JABALPUR**

No. E 12129 MCDR-MPC0LST/58/2024-JBP-IBM_RO_JBP

Dt : 26/12/2024

Shri/M/s. PRISM JOHNSON LIMITED ,
305, LAXMI NIWAS APARTMENTS AMEERPET HYDERABAD

Sub Approval of Review of Mining Plan in respect of Prism Cement Limestone Mine over an area of 772.067 Hect; situated in Sijahata
: Village, Rampur Baghelan Tehsil, Satna District of Madhya Pradesh State.

References: 1) Draft Review of Mining plan received on MPAS, dated – 30/09/2024
2) This office scrutiny comments dated – 16/11/2024 & 20/12/2024
3) Final copy of Review of Mining Plan received on MPAS, dated – 23/12/2024

Sir,

In exercise of the powers conferred under Clause (b) of Sub-section (2) of Section 5 of Mines and Minerals (Development and Regulation) Act, 1957 as amended from time to time notified thereunder read with Government of India Order no. S.O.1857(E), dated 18/05/2016, I hereby **Approve** the above said Review of Mining Plan submitted under Rule 17(2) of Minerals (Other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016 as amended from time to time notified thereunder. This approval is subject to the following conditions: -

1. The Review of Mining Plan is approved without prejudice to any other law applicable to the mine area from time to time whether made by the Central Government, State Government or any other authority and without prejudice to any order or direction from any court of competent jurisdiction.
2. The proposals shown on the plates and /or given in the document is based on the lease map /sketch submitted by the lessee and is applicable from the date of approval.
3. It is clarified that the approval of aforesaid Review of Mining Plan does not in any way imply the approval of the Government in terms of any other provision of Mines & Minerals (Development & Regulation) Act 1957, or the Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules, 2016 and any other laws including Forest (Conservation) Act, 1980, Environment (Protection) Act, 1986 or the rules made there under, Mines Act, 1952 and Rule & Regulations made there under.
4. Indian Bureau of mines has not undertaken verification of the mining lease boundary on the ground and does not undertake any responsibility regarding correctness of the boundaries of the leasehold shown on the ground with reference to lease map & other plans furnished by the lessee.
5. At any stage, if it is observed that the information furnished, data incorporated in the document are incorrect or misrepresent facts, the approval of the document shall be revoked with immediate effect.
6. If the approval conflicts with any other law or court order/direction under any statute, it shall be revoked immediately.
7. The Financial Assurance furnished by you is **Rs. 10,75,00,000/- (Rs. Ten Crore Seventy Five Lakh Only)** is **valid up to 31/03/2030** and next Financial Assurance shall be submitted on or before **31/03/2030**.
8. This approval is restricted in respect of proposals given in the document **for the period 2025-26 to 2029-30 with validity up to 31/03/2030**, subject to all other statutory clearances.
9. It shall be mandatory to project proponent, abstracting ground water to obtain **No objection certificate** from Central Ground Water Authority or the M.P. State Ground Water Authority.

Yours faithfully,

(Pukhraj Nenival)

Regional Controller of Mines

Indian Bureau of Mines, Jabalpur

Copy for information to-

1. The Director of Geology and Mining, Govt. of Madhya Pradesh, Khaniz Bhawan, 29A Arera Hills, Jail Road, Bhopal (MP).
2. The Controller of Mines (CZ), Indian Bureau of Mines, Nagpur.
3. The District Collector, Satna (M.P.)
4. Shri Amit Biswas, M/s Prism Johnson Ltd. Rajdeep, Rewa Road, Satna (M.P.) 485001; E-mail – amit.biswas@prismjohnson.in
5. Shri Santosh Kumar, M/s Prism Johnson Ltd. Rajdeep, Rewa Road, Satna (M.P.) 485001; E-mail – santosh.kumar@prismjohnson.in

(Pukhraj Nenival)

Regional Controller of Mines

Indian Bureau of Mines, Jabalpur

Approved

By e-mail

**GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES
OFFICE OF THE REGIONAL CONTROLLER OF MINES, JABALPUR**

No. E 10308 MCDR-MPC0LST/11/2024-JBP-IBM_RO_JBP

Dt : 29/05/2024

Shri/M/s. PRISM JOHNSON LIMITED ,
305, LAXMI NIWAS APARTMENTS AMEERPET HYDERABAD, MENDHI LESTONE MINE 117594HECT (38MPR35314) (46412701)

Sub Approval of Review of Mining Plan in respect of Mendhi Limestone Mine over an area of 117.594 Hect; situated in Mendhi Village,
: Rampur Baghelan Taluka, Satna District of Madhya Pradesh State.

References: 1) Draft Review of Mining plan received on MPAS, dated – 01/03/2024
2) This office scrutiny comments dated – 13/04/2024, 13/05/2024 & 28/05/2024
3) Final copy of Review of Mining Plan received on MPAS, dated – 29/05/2024

Sir,

In exercise of the powers conferred under Clause (b) of Sub-section (2) of Section 5 of Mines and Minerals (Development and Regulation) Act, 1957 as amended from time to time notified thereunder read with Government of India Order no. S.O.1857(E), dated 18/05/2016, I hereby **Approve** the above said Review of Mining Plan submitted under Rule 17(2) of Minerals (Other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016 as amended from time to time notified thereunder. This approval is subject to the following conditions: -

1. The Review of Mining Plan is approved without prejudice to any other law applicable to the mine area from time to time whether made by the Central Government, State Government or any other authority and without prejudice to any order or direction from any court of competent jurisdiction.
2. The proposals shown on the plates and /or given in the document is based on the lease map /sketch submitted by the lessee and is applicable from the date of approval.
3. It is clarified that the approval of aforesaid Review of Mining Plan does not in any way imply the approval of the Government in terms of any other provision of Mines & Minerals (Development & Regulation) Act 1957, or the Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules, 2016 and any other laws including Forest (Conservation) Act, 1980, Environment (Protection) Act, 1986 or the rules made there under, Mines Act, 1952 and Rule & Regulations made there under.
4. Indian Bureau of mines has not undertaken verification of the mining lease boundary on the ground and does not undertake any responsibility regarding correctness of the boundaries of the leasehold shown on the ground with reference to lease map & other plans furnished by the lessee.
5. At any stage, if it is observed that the information furnished, data incorporated in the document are incorrect or misrepresent facts, the approval of the document shall be revoked with immediate effect.
6. If the approval conflicts with any other law or court order/direction under any statute, it shall be revoked immediately.
7. In case of the mining lease is declared as 'Lapsed' by the State Government, under provision of Section 4A(4) of MMDR Act 1957 (as amended up to 28th March, 2021) read with Rule 20 of the Mineral (Other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016 notified on 02/11/2021, at any course of time, the approval of Review of Mining Plan will stand revoked immediately without any further correspondence".
8. The Financial Assurance furnished by you is **Rs. 3,13,80,000/-** (Rs. Three Crore Thirteen Lakh Eighty Thousand Only) is **valid up to 31/03/2026** and next Financial Assurance shall be submitted on or before **31/03/2026**.
9. This approval is restricted in respect of proposals given in the document **for the period 2024-25 (from the date of approval) to 2025-26, with validity up to 31/03/2026**, subject to all other statutory clearances.
10. It shall be mandatory to project proponent, abstracting ground water to obtain **No objection certificate** from Central Ground Water Authority or the M.P. State Ground Water Authority.

Yours faithfully,

Table no. 1. ML area 772.067 Ha. (Hinauti&Sijahata)

Present Dumps status as per Mining Plan

Dump No.	Location of Dump	Present Height of Dump (m)	Slope of the Dump
S1	300E to 400E and 80N to 220N	2.0	24
S2	410E to 880E and 210N to 350N	6.0	27
S3	920E to 1010E and 320N to 360N	0	-
S4	1060E to 1220E and -60N to 320N	0	-

Table no. 2. ML area 99.416 Ha. (Hinauti&Sijahata)

Present Dumps statusas per Mining Plan

Dump No.	Location of Dump	Present Height of Dump(m)	Slope of the Dump
D1	1720E to1810E and -1130N to-1155N	6.0	27
D2	1670E to1720E and -1240N to-1120N	6.7	27.5

Table no. 3. ML area 117.594 Ha. (Mendhi)

Present Dumps status:-Nil

PLAN FOR PROTECTION OF THE NATURAL WATER COURSE PASSING NEARBY
PRISM CEMENT LIMITED LEASE AREAS

1. INTROCUCTION:

The Limestone Mine of M/s. Prism Johnson Ltd. is near villages Hinauti & Sijhatta in district of Satna, Madhya Pradesh. The area is in Vindhyan Limestone/shale formations, where Limestone is bearing mined from mining lease areas of 772.067 Ha. 117.594 Ha. 512.317 Ha. 99.416 Ha., amongst other mining leases. As per the conditions of the Environment Clearance, a plan was protection of natural water courses passing nearby Prism Cement Ltd. Leases was to be prepared and submitted.

The natural water courses under the present plan comprise Tamas River, Nar Nala and Magardha Nala.

2. LAND USE IN THE BUFFER AREA OF THE LEASES:

Buffer zone:

The land use of buffer zone is given in **Table 1** based on satellite imaginary and census data.

TABLE NO.1
Land Use / Land Cover Details of Buffer Zone Area

LAND USE	AREA (in Hectares)	AREA (in %)
River/Canal	634.71	1.32
Ponds/Reservoir	561.73	1.17
Stonsy area	144.16	0.30
Open land	441.36	0.92
Open scrub land	3737.14	7.76
Forest Land	1685.11	3.50
Plantation	2445.89	5.08
Fallow land	29729.69	61.77
Crop land	7542.87	15.67
Human Settlement	706.28	1.47
Industrial Area	75.80	0.16
Mine Quarry	425.75	0.88
Total	48310.49	100

(Source – EIA/EMP)

3. DRAINAGE:

The Tamas (Tons) River mainly controls the drainage pattern. The none seasonal nalla viz. Magardaha and Nar nala flowing on west and east of the lease area respectively flow towards north and ultimately join the Tamas River. The area is almost flat with gentle slope towards East and Northeast. A substantial part of rainfall in the area drains away as surface run-off, along streamlets towards the Northeast to the Tamas River. The drainage map of Tamas (Tons) sub basin of Ganga basin is depicted in **Figure 2**. The drainage pattern of buffer zone (part of Tamas sub basin) is also given in **Figure 3**.

FIGURE 2

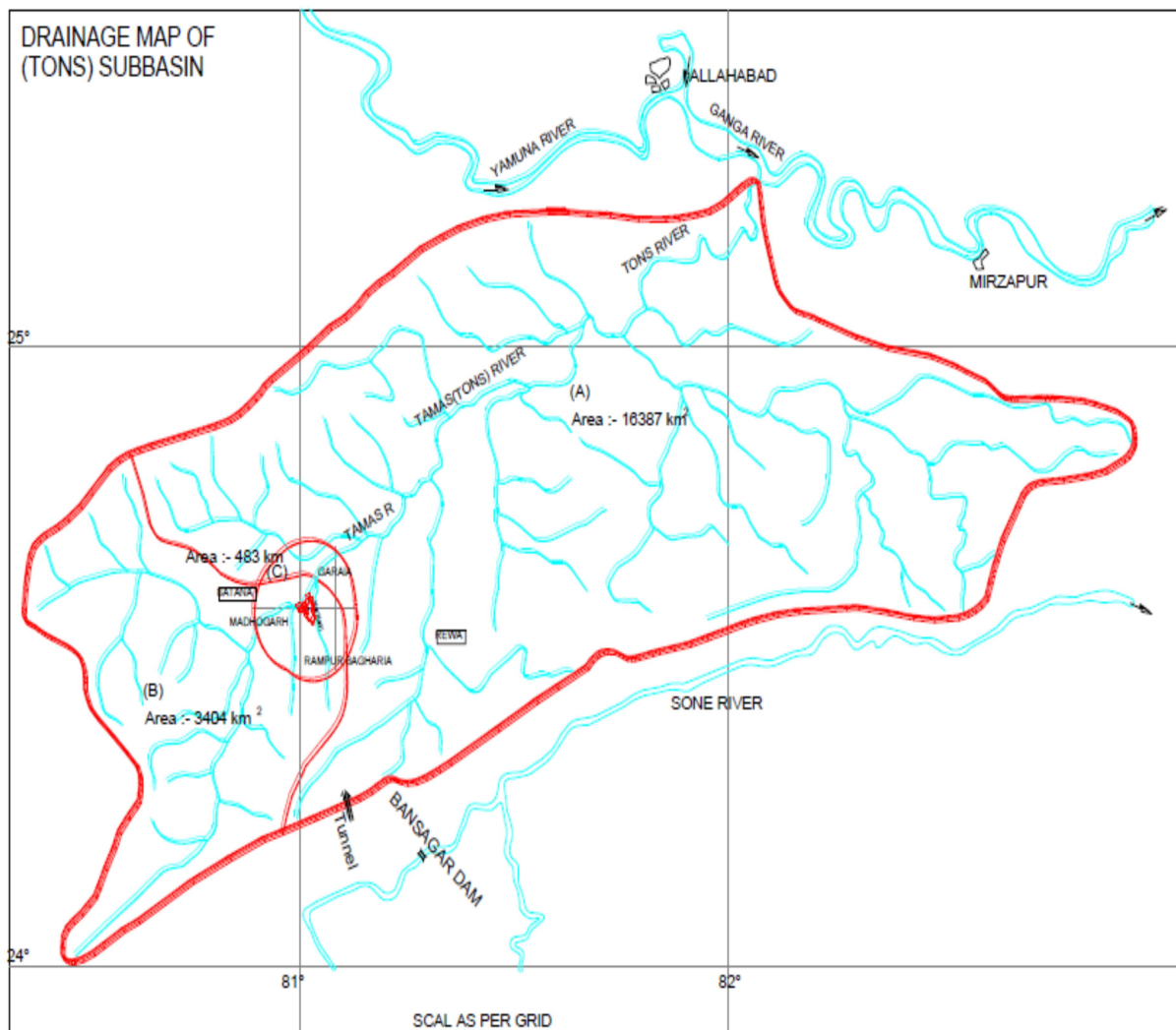


FIGURE-3

DRAINAGE MAP OF BUFFER ZONE

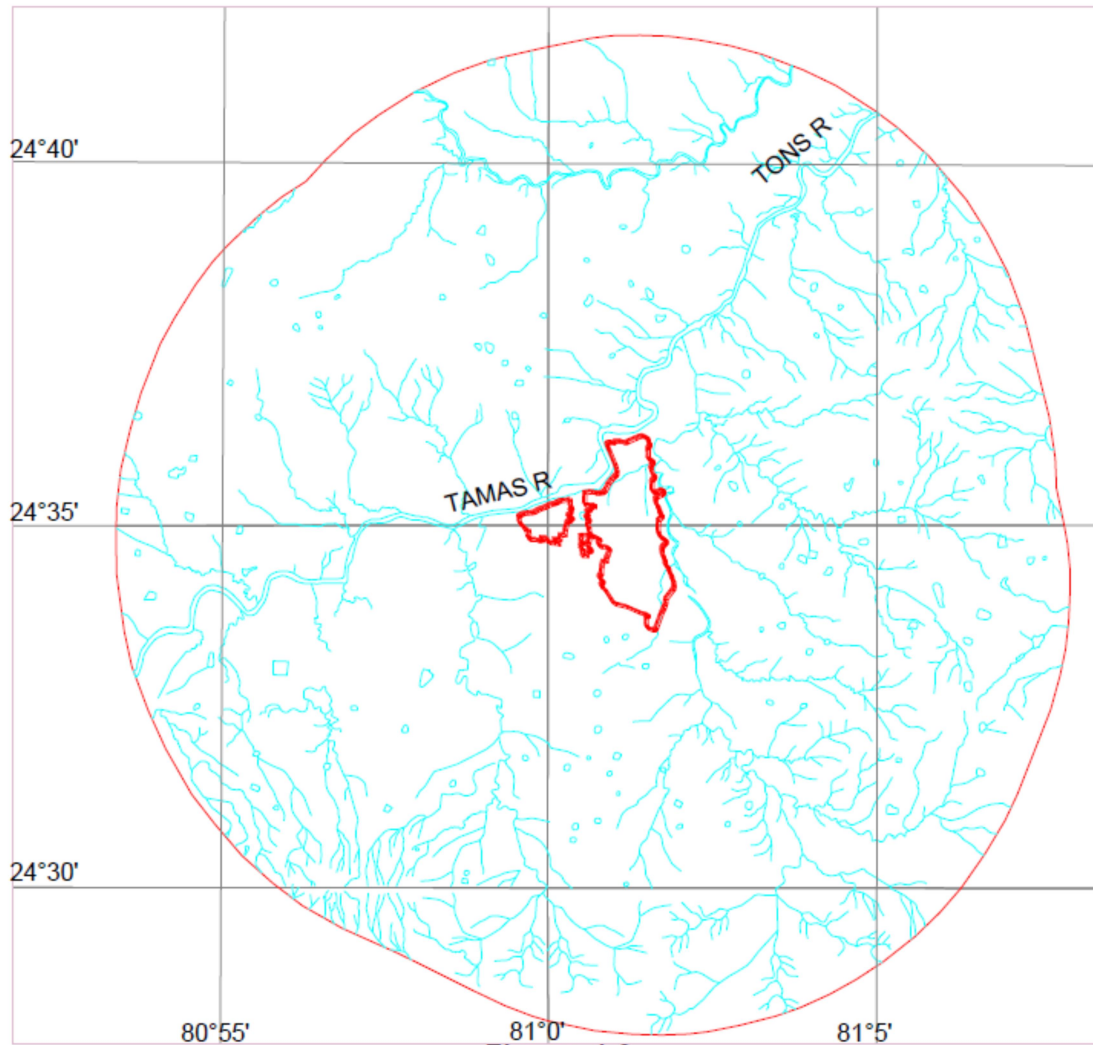


Figure 1.3

4. HYDROMETEROLOGY:

Madhya Pradesh state is situated within 180 N to 250 N and 740 E to 820 E experiences tropical climate. Frontispieces gives the orographic feature of the state. Geographical location and orographic features have profound influence on the climate of area. As per IMD the year may be divided into four seasons. The winter season from January to February is followed by the summer season from March to May. The period from June to September constitutes the southwest monsoon season and the period from October to December form the post monsoon season.

4.1 **Rainfall** : Rainfall data of Mine site and Satna IMD station are collected for the project of 2008 to 2014 and given in (**Table NO. -2**).

TABLE NO.2
Year wise rainfall data (2008 to 2014) : Satna and Mine Site

Month/ Year	2008	2009		2010		2011		2012		2013		2014
	Mine Site	Mine Site	Satna	Mine Site	Satna	Mine Site	Satna	Mine Site	Satna	Mine Site	Satna	Mine Site
Jan	2.0	35.3	12.9	8.8	1.7	0.0	0.0	36.0	32.3	0.0	0.0	38.9
Feb	35.1	0.0	0.0	13.3	5.5	1.0	0.9	0.0	0.0	67.9	45.9	104.3
Mar	1.3	3.6	1.4	0.0	0.0	3.2	0.2	3.6	3.9	34.6	11.5	29.3
Apr	12.0	0.7	3.8	0.0	0.1	0.0	1.1	0.0	0.2	1.8	4.2	8.7
May	12.5	10.5	14.5	18.6	1.6	36.2	7.3	0.0	0.0	0.0	0.0	1.3
Jun	215.6	12.5	25.8	16.9	16.4	313.9	328.6	17.9	15.6	270.4	384.2	90.2
Jul	216.8	173.2	207.6	283.3	228.1	140.2	252.1	380.7	279.7	576.5	338.6	305.2
Aug	220.2	214.9	192.5	198.3	209.7	206.7	289.8	435.0	455.1	414.5	451.6	127.2
Sep	71.5	109.7	152.0	213.5	176.4	205.3	143.9	132.1	169.3	134.9	71.5	193.9
Oct	0.0	72.9	220.4	29.6	13.7	0.0	3.1	15.1	2.5	131.4	143.7	200.7
Nov	20.1	80.9	58.9	11.8	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	2.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.9
Total	807.1	716.7	892.7	794.0	662.9	906.5	1027.0	1020.3	958.6	1631.9	1451.2	1121.7

(Source - Mine & Satana Dist.)

5. GEOLOGY:

The relevant portion of Geological report of the area have been adapted for present study. Part of compilation done from other references.

5.1 Regional Geology

Geologically, this area forms part of the Rewa Plateau belonging to the Upper Vindhyan Supergroup of rock formations in Indian stratigraphy. The Vindhyan formations are roadly classified into lower calcareous and an upper arenaceous facies.

The limestone deposit in the area of investigation belongs to the Bhandar series. The general trend of Bhandar Limestone is East - Northeast to West - Southwest having low southerly dips of less than 5°. The litho stratigraphy of Vindhyan formation is given in **Table NO.3**

TABLE NO.3
Litho stratigraphy of Satna District

Supergroup	Group	Formation
Vindhyan Supergroup	Bhander Group	Maihar Sandstone Sirbu Shale Bhander Limestone
	Rewa Group	Sandstone and shale
	Kaimur Group	Sandstone and shale
	UNCONFORMITY	
	Semri Group	Rohtas Formation Khemjua Formation Porcellance Formation Basal Formation
UNCONFORMITY Bundekhand granites/Bijawar phyllites		

5.2 Local Geology:

The detailed geological prospecting was carried out by GEM Division of ACC to identify the geological structure in the area and association of different rock types. The lithological succession of various formations encountered in the area of investigations based on the sub-surface data generated is as follows:

Overburden Soil
Buff to pale grey magnesian limestone
Upper shaly limestone
Grey limestone
Lower shaly limestone
Grey to grayish grey shale

6.0 SUGGESTED STRUCTURES FOR PROTECTION AND DEVELOPMENT OF NATURAL WATER COURSES:

6.1 RAINWATER HARVESTING

6.1.1 General: Rain water harvesting can be defined as activity of direct collection of Rain

water and storage of rainwater as well as other activity aimed at harvesting and conserving surface and ground water preventing loss through evaporation and seepage and other hydrological studies and engineering inventions aiming at most efficient utilization of rainwater towards best use for the humanity.

The detail project report for rainwater harvesting is given below incorporating; source, area, design of individual structure within mine lease area and outside.

6.1.2 Source of Water:

The source of water available for rainwater harvesting is only surface water. The resource estimation for lease area has been done considering total lease area of 10.25 km² (7.72 km² + 2.53 km²). Monsoon normal rainfall 0.973 m and surface runoff coefficient of 0.40. The estimated surface water resource will be 3.99 MCM out of this 0.58 MCM will be used in plant & mine. The mine water discharge will be zero. It is expected that remaining estimated resource 3.41 MCM will be available for recharge to the system and future use. CGWA while granting ground water had laid condition for implementation of ground water recharge measure to the tune of 1.206 MCM/ year for augmenting the ground water resource of the area.- Source of data, Hydrological Studies Report.

6.1.3 Identification of area:

The areas identified within lease area are given in **Table No.4**

Table no. 4: Identification of area

Sr. No.	Identification of area	Unit
1	Surface water reservoir in the Mined out area as recharge pond.	3 Nos
2	Check dam on Nar nadi.	8 Nos
3	Office and residential building area for Rooftop rainwater harvesting	10 Nos
4	Lease area (side of retention wall) of dump for recharge pit with shaft structure	4 Nos
5	Recharge trench in colony area.	500 m
6	In the colony area away from mine for Gravity head recharge tubewell.	10 Nos

These structures in respective areas will augment the ground water table and shall reduce load on the natural water courses for rural utility of irrigation amongst others.

In addition to the measures taken above, the area in proximity to Tamas River, Magardha Nala and Nar Nala will be provided with bunds above and beyond HFL. Safety barrier of 50 meters will be left out permanently. This barrier will be densely planted thus making the water courses totally immune from mining activities. No mine water will be discharged in the natural water courses without de-siltation in the settling ponds.

The garland drains with check dams are constructed all along the peripheries of the lease area. De-siltation of natural water ways up-stream and down-stream, will be undertaken after consultation with the authorities to keep the natural water courses healthy.

Periodical deepening of village ponds and de-siltation of the same will be carried out to augment water bodies in surrounding areas.

6. CONCLUSION AND RECOMMENDATION:

The natural water ways protection plan will be updated to accommodate new ideas and government water development programs. The present plan with all implementation will keep the natural water courses safe and healthy.



TEST REPORT



TC-11227

VIBRANT

"Experience the unimaginable"

Sample Number : VTL/W/01

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample

Sampling Location : Sijahata - Village (Borewell)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC112272500000758F

Report No. : VTL/W/2503280010/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Sampling Date : 26/03/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.38	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025 (P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025 (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS : 3025 (P-8) : 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	259.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P-40): 2024	73.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	219.3	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	175.4	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	18.68	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	786	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	52.61	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.48	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	22.36	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.38	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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RK Yadav
Lab Incharge
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Sample Number : VTLW/01

TEST REPORT

TC-11227

ULR No. : TC112272500000758F

Report No. : VTLW/2503280010/A

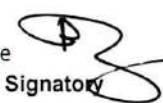
S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.42	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B, 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



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TEST REPORT



VIBRANT

"Experience the unimaginable"

Sample Number : VTLW/02.

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
Sampling Location : Packing Plant Unit-II
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112272500000759F
Report No. : VTLW/2503280011/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 28/03/2025-02/04/2025
Receipt Date : 28/03/2025
Sampling Date : 26/03/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.52	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	225.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	55.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	202.5	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	137.9	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	21.33	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	620	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	42.1	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.39	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	17.4	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.31	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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TEST REPORT



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Sample Number : VTL/W/02

ULR No. : TC1122725000000759F

Report No. : VTL/W/2503280011/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.41	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B, 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



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TEST REPORT



VIBRANT

"Experience the unimaginable"

Sample Number : VTL/W/03

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
Sampling Location : Hinauta Village-Borewell
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112272500000788F
Report No. : VTL/W/2503280012/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 28/03/2025-02/04/2025
Receipt Date : 28/03/2025
Sampling Date : 26/03/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.27	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO3)	IS: 3025 (P-21): 2009, RA 2019	312.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	83.0	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	248.5	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	153.9	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	25.49	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	730	mg/L	500	2000
12	Sulphate (as SO4)	IS: 3025 (P-24): Sec : 1 : 2022	63.9	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.49	mg/L	1.0	1.5
14	Nitrate (as NO3)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	21.41	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.43	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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ULR No. : TC112272500000788F
Report No. : VTL/W/2503280012/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.51	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B, 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



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TEST REPORT



TC-11227

VIBRANT

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Sample Number : VTL/W/04

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
Sampling Location : Hinauti Village -Handpump
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112272500000760F
Report No. : VTL/W/2503280013/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 28/03/2025-02/04/2025
Receipt Date : 28/03/2025
Sampling Date : 26/03/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.32	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025 (P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025 (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS : 3025 (P-8) : 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	285.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P-40): 2024	81.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	252.4	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	176.9	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	20.15	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	760	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	62.4	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.45	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	20.16	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.35	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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TEST REPORT



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Sample Number : VTL/W/04

ULR No. : TC1122725000000760F

Report No. : VTL/W/2503280013/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.42	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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TEST REPORT



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Sample Number : VTL/W/05

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
Sampling Location : Majhiyar Village
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112272500000761F
Report No. : VTL/W/2503280014/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 28/03/2025-02/04/2025
Receipt Date : 28/03/2025
Sampling Date : 26/03/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.57	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	212.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	50.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	195.1	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	97.6	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	21.20	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	710	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	36.4	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.35	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	12.45	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.32	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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**VIBRANT**

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Sample Number : VTL/W/05

TEST REPORT

TC-11227

ULR No. : TC1122725000000761F

Report No. : VTL/W/2503280014/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.47	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B, 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTL/W/06

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
Sampling Location : PCL Colony Supply Water -Borewell Temple
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112272500000762F
Report No. : VTLW/2503280015/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 28/03/2025-02/04/2025
Receipt Date : 28/03/2025
Sampling Date : 26/03/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.22	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	247.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	78.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	210.4	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	99.8	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	12.73	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	680	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	35.6	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.37	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	15.34	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.31	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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TEST REPORT



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Sample Number : VTL/W/06

ULR No. : TC112272500000762F

Report No. : VTL/W/2503280015/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.40	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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TEST REPORT



TC-11227

VIBRANT

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Sample Number : VTL/W/07

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
Sampling Location : Mankahari Village -Handpump
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1122725000000763F
Report No. : VTL/W/2503280016/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 28/03/2025-02/04/2025
Receipt Date : 28/03/2025
Sampling Date : 26/03/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.29	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	235.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	56.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	220.3	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	92.4	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	23.75	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	690	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	33.6	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.37	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	16.42	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.28	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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TEST REPORT



VIBRANT

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Sample Number : VTL/W/07

ULR No. : TC1122725000000763F

Report No. : VTL/W/2503280016/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.38	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



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TEST REPORT



VIBRANT

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Sample Number : VTLW/08

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
Sampling Location : Badarkha Village -Borewell
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112272500000764F
Report No. : VTLW/2503280017/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 28/03/2025-02/04/2025
Receipt Date : 28/03/2025
Sampling Date : 26/03/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.36	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	243.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	62.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	278.4	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	125.3	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	21.46	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	794	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	42.5	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.43	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	22.16	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.36	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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TEST REPORT



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Sample Number : VTL/W/08

ULR No. : TC112272500000764F

Report No. : VTL/W/2503280017/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.45	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTL/W/09

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
Sampling Location : Malgaon Village -Handpump
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112272500000765F
Report No. : VTL/W/2503280018/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 28/03/2025-02/04/2025
Receipt Date : 28/03/2025
Sampling Date : 26/03/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.42	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	258.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	83.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	253.6	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	110.4	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	12.37	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	590	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	36.2	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.38	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	15.42	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.31	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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TEST REPORT



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Sample Number : VTLW/09

ULR No. : TC112272500000765F

Report No. : VTLW/2503280018/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.42	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B, 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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TEST REPORT



TC-11227

VIBRANT

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Sample Number : VTL/W/10

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
Sampling Location : Medhi Village -Handpump
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112272500000766F
Report No. : VTL/W/2503280019/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 28/03/2025-02/04/2025
Receipt Date : 28/03/2025
Sampling Date : 26/03/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.25	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025 (P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025 (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS : 3025 (P-8) : 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	254.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P-40): 2024	75.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	243.5	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	129.4	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	16.25	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	620	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	32.46	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.33	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	14.27	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.28	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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**VIBRANT**

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Sample Number : VTL/W/10

TEST REPORT

TC-11227

ULR No. : TC1122725000000766F

Report No. : VTL/W/2503280019/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.38	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Number : VTL/W/11

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
Sampling Location : Plant Pump House -Rawmill
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1122725000000767F
Report No. : VTL/W/2503280020/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 28/03/2025-02/04/2025
Receipt Date : 28/03/2025
Sampling Date : 26/03/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.58	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	242.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	70.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	256.3	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	124.5	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	16.37	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	640	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	38.74	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.36	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	14.64	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.32	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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**VIBRANT**

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Sample Number : VTL/W/11

TEST REPORT

TC-11227

ULR No. : TC112272500000767F

Report No. : VTL/W/2503280020/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.47	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B, 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



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 Lab Incharge
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**VIBRANT**

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Sample Number : VTL/W/12

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
 Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
 Sampling Location : Borewell at Time Office
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

TEST REPORT

TC-11227

ULR No. : TC1122725000000768F
 Report No. : VTL/W/2503280021/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 02/04/2025
 Period of Analysis : 28/03/2025-02/04/2025
 Receipt Date : 28/03/2025
 Sampling Date : 26/03/2025
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.51	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	263.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	78.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	221.5	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	119.7	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	16.62	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	750	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	36.52	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.39	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	16.24	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.29	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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ULR No. : TC1122725000000768F
Report No. : VTL/W/2503280021/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.39	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



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Sample Number : VTL/W/13

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
Sampling Location : PCL Limestone Mines Drinking Water (Site Office)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1122725000000789F
Report No. : VTLW/2503280022/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 28/03/2025-02/04/2025
Receipt Date : 28/03/2025
Sampling Date : 26/03/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.53	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	216.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	60.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	220.3	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	95.6	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	16.11	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	660	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	33.15	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.37	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	18.76	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.28	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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**VIBRANT**

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Sample Number : VTL/W/13

TEST REPORT

TC-11227

ULR No. : TC112272500000789F
 Report No. : VTL/W/2503280022/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.41	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report




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**VIBRANT***"Experience the unimaginable"*

Sample Number : VTLW/14

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -
Satna (M.P.)

Sample Description : Water Sample

Sampling Location : Bagahai Lime Stone Drinking Water (Mine Site Office)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

TEST REPORT

TC-11227

ULR No. : TC112272500000769F

Report No. : VTLW/2503280023/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Sampling Date : 26/03/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.63	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	236.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	52.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	221.5	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	114.2	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	25.82	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	580	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	36.78	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.37	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	13.42	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.25	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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**VIBRANT**

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Sample Number : VTLW/14

TEST REPORT

TC-11227

ULR No. : TC112272500000769F

Report No. : VTLW/2503280023/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.33	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B, 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



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**VIBRANT**

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Sample Number : VTL/W/15

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -
Satna (M.P.)

Sample Description : Water Sample

Sampling Location : Truck Tippler Borewell

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

TEST REPORT

TC-11227

ULR No. : TC1122725000000770F

Report No. : VTL/W/2503280024/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Sampling Date : 26/03/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.21	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	253.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	78.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	248.1	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	125.4	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	14.19	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	780	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	63.4	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.51	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	25.16	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.25	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation



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ULR No. : TC1122725000000770F
Report No. : VTLW/2503280024/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.37	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B, 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report



Checked by 



RK Yadav
Lab Incharge
Authorized Signatory 



Page No. 2/2

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Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

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**VIBRANT**

"Experience the unimaginable"

Sample Number : VTLW/16

Name & Address of the Party : M/s PRISM JOHNSON LIMITED
 Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample
 Sampling Location : Chulhi Village -Borewell
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

TEST REPORT

TC-11227

ULR No. : TC112272500000771F
 Report No. : VTLW/2503280025/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 02/04/2025
 Period of Analysis : 28/03/2025-02/04/2025
 Receipt Date : 28/03/2025
 Sampling Date : 26/03/2025
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : --

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.32	--	6.5 to 8.5	No Relaxation
2	Colour	IS : 3025(P-4) : 2021	*BLQ(**LOQ-1.0)	Hazen	5	15
3	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
4	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
5	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	231.0	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	79.0	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	254.1	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	132.5	mg/L	250	1000
10	Magnesium (as Mg)	IS: 3025 (P-46): 2023	8.24	mg/L	30	100
11	Total Dissolved Solids	IS :3025 (P-16): 2023	540	mg/L	500	2000
12	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec : 1 : 2022	41.8	mg/L	200	400
13	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.26	mg/L	1.0	1.5
14	Nitrate (as NO ₃)	IS 3025 (P-34) : Sec 1 : 2023 (Clause 6.4)	13.42	mg/L	45.0	No Relaxation
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.29	mg/L	1.0	No Relaxation
16	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03)	mg/L	0.03	0.2
17	Boron (as B)	APHA 24th Edition 4500B-C : 2023	*BLQ(**LOQ-0.2)	mg/L	0.5	2.4
18	Total Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	No Relaxation




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RK Yadav
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**VIBRANT**

"Experience the unimaginable"

Sample Number : VTL/W/16

TEST REPORT

TC-11227

ULR No. : TC112272500000771F
 Report No. : VTL/W/2503280025/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012,RA 2023	
					Acceptable Limit	Permissible Limit
19	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.47	mg/L	5.0	15.0
20	Copper (as Cu)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.02)	mg/L	0.05	1.5
21	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.05)	mg/L	0.1	0.3
22	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.002)	mg/L	0.003	No Relaxation
23	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	No Relaxation
24	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BLQ(**LOQ-0.005)	mg/L	0.01	0.05
25	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BLQ(**LOQ-0.001)	mg/L	0.001	No Relaxation
26	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
27	E.Coli	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
28	Sulphide (as H ₂ S)	IS 3025 (P-29) : 2022 (Clause 7.0)	*BLQ(**LOQ-0.04)	mg/L	0.05	No Relaxation
29	Nickel as Ni	APHA 24th Edition 3111 B, 2023	*BLQ(**LOQ-0.01)	mg/L	0.02	No relaxation
30	Free Residual Chlorine	IS 3025 (P- 26): 2021 (Clause 7.0)	*BLQ(**LOQ-0.2)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report




 Checked by



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TEST REPORT

VIBRANT

"Experience the unimaginable"

Sample Number:

VTL/WL/01-14

Report No.:

VTL/WL/2503300001-14/B

Name & Address of the Party:

M/s PRISM JOHNSON LIMITED
Village- Mankahari, Tehsil- Rampur
Baghelan, Dist.- Satna (M.P.)

Format No.:

7.8 F-01

Party Reference No.:

NIL

Report Date:

02/04/2025

Receipt Date:

30/03/2025

Sample Collected By

VTL Team

Date of Monitoring

26-27/03/2025

Sample Description:

Ground Water Level Monitoring

S.No.	Location	Depth (In meter)
1.	Near Colony Gate	19.2
2.	Behind B Block colony	13.66
3.	Behind C Block colony	6.2
4.	Near Auto Work Shop	13.8
5.	In Front of Den	8.6
6.	Western Block Mines	10.25
7.	Near New Magazine Mines	11.03
8.	Rose Garden Near Road	16.33
9.	Mines near Ramprasan	16.4
10.	Medhi Mines	14.5
11.	Mankahari Mines	18.74
12.	Chulhi Majhiyar Mines	11.6
13.	Bagahai Mines	9.8
14.	Badarkha Mines	11.2

Checked By



RK Yadav
Lab Incharge
Authorized Signatory

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Date/Time Tran at 13:44:44 December 15, 2023
Trigger Source Geo: 0.500 mm/s, Mic: 2.000 pa (L)
Range Geo: 254.0 mm/s
Record Time 2.0 sec (Auto=7Sec) at 1024 sps
Operator/Setup: Operator/BGM.mmb

Serial Number UM8131 V 10-76 Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration December 24, 2022 by UES New Delhi
File Name UM8131_20231215134444 IDFW

Notes
Location: Amalgamated Prism Cement and Bandarkha
Client
User Name: PRISM JOHNSON LIMITED
General:

Post Event Notes
 MNK/66 NO/4TH BENCH/NDLS/SOUTH, No. of Holes 18 Nos,
 DEPTH 7.79 m
 Charge/delay- 52 21 Kg, Average Distance 250m.

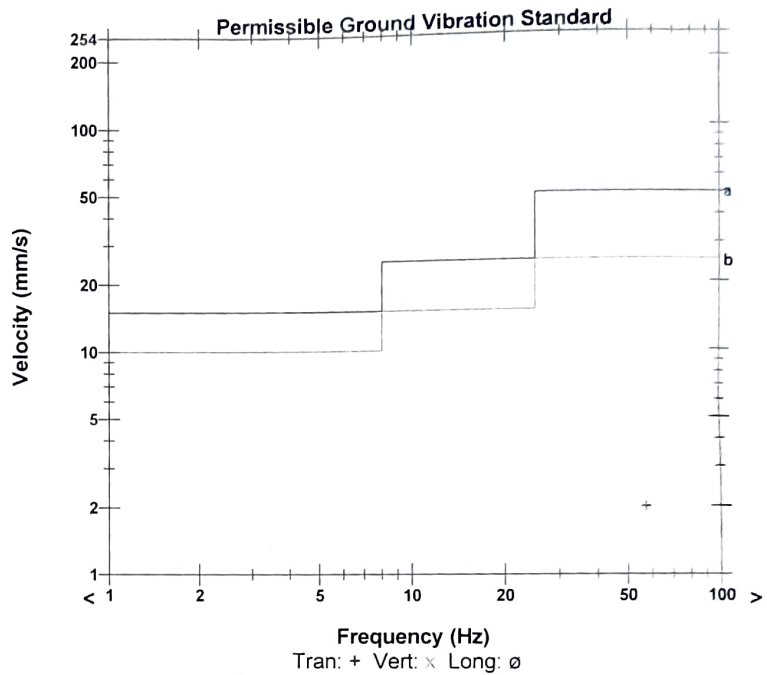
Extended Notes
 Amalgamated Prism Cement and Bandarkha Limestone Mine

Microphone Linear Weighting
PSPL 1.148 pa.(L) at 0.008 sec
ZC Freq 85 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1453 mv)

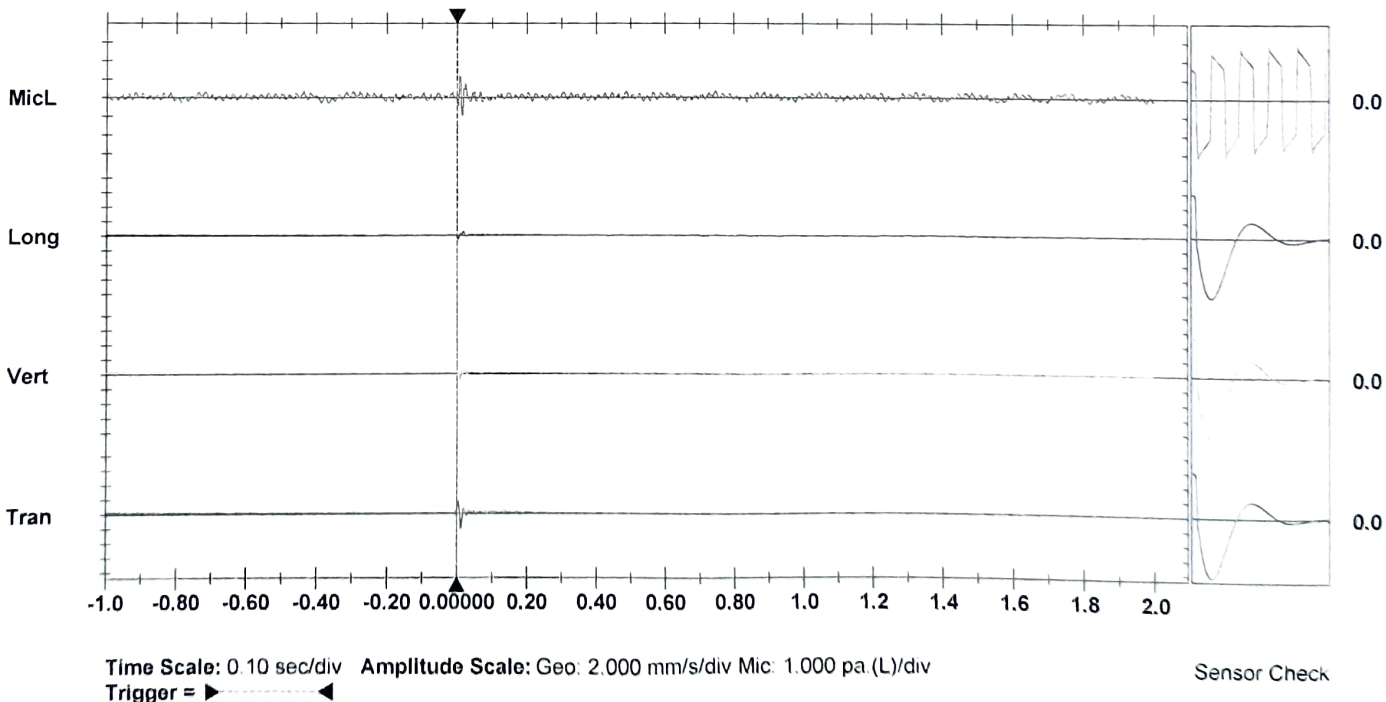
	Tran	Vert	Long	
PPV	1.994	0.733	0.567	mm/s
ZC Freq	57	>100	32	Hz
Time (Rel. to Trig)	0.011	0.008	0.017	sec
Peak Acceleration	0.107	0.076	0.021	g
Peak Displacement	0.101	0.104	0.064	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.1	Hz
Overswing Ratio	3.7	3.5	3.7	

Peak Vector Sum 2.039 mm/s at 0.011 sec

DGMS India (B)



a) Industrial buildings
 b) Domestic houses/structures



Date/Time Tran at 11:57:24 December 29, 2023
 Trigger Source Geo: 0.500 mm/s, Mic: 2.000 pa (L)
 Range Geo: 254.0 mm/s
 Record Time 1.5 sec (Auto=7Sec) at 1024 sps
 Operator/Setup: Operator/BGM mmb

Serial Number UM8131 V 10-76 Micromate ISEE
 Battery Level 3.8 Volts
 Unit Calibration December 24, 2022 by UES New Delhi
 File Name UM8131_20231229115724.IDFW

Notes

Location: Amalgamated Prism Cement and Bandarkha
 Client:
 User Name: PRISM JOHNSON LIMITED
 General:

Post Event Notes

H-16/GRW/1ST/WR, No. of Holes 62 Nos. DEPTH 3.82 M
 Charge/delay- 12.50 Kg, Average Distance 160m.

Extended Notes

Amalgamated Prism Cement and Bandarkha Limestone Mine

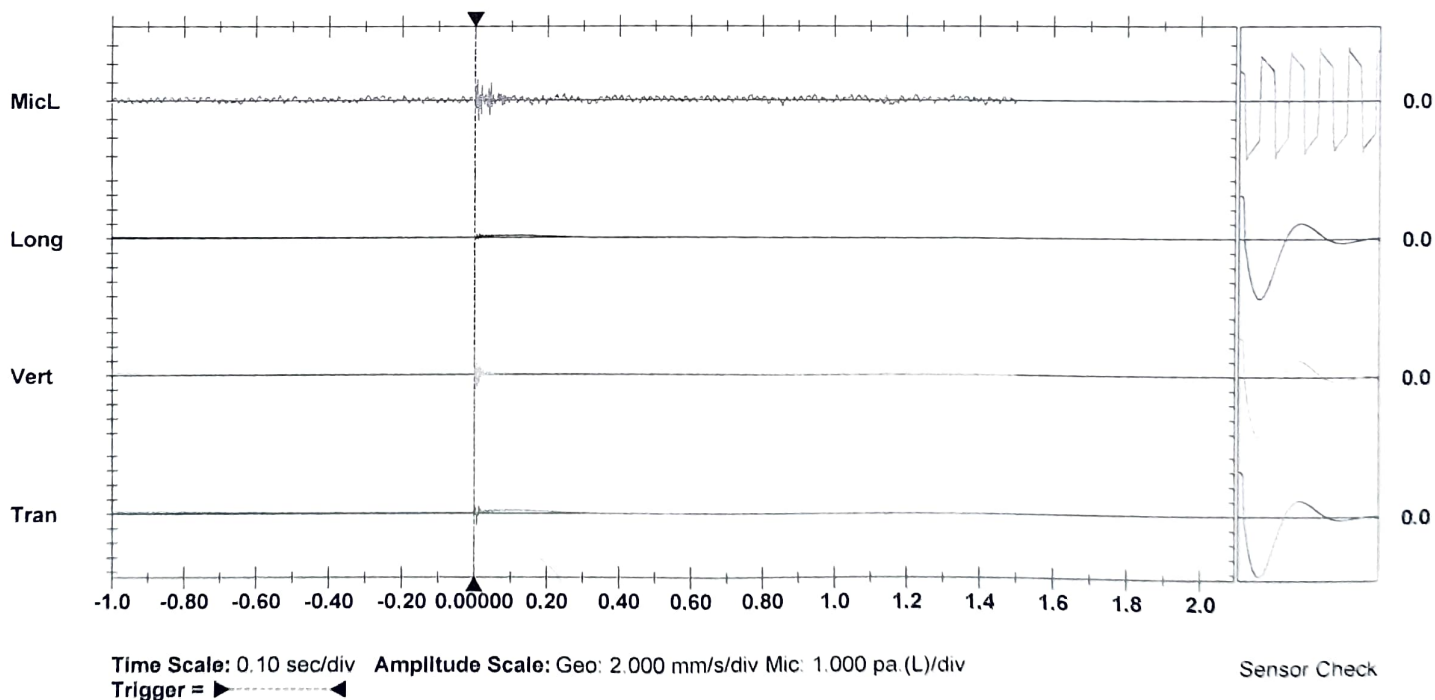
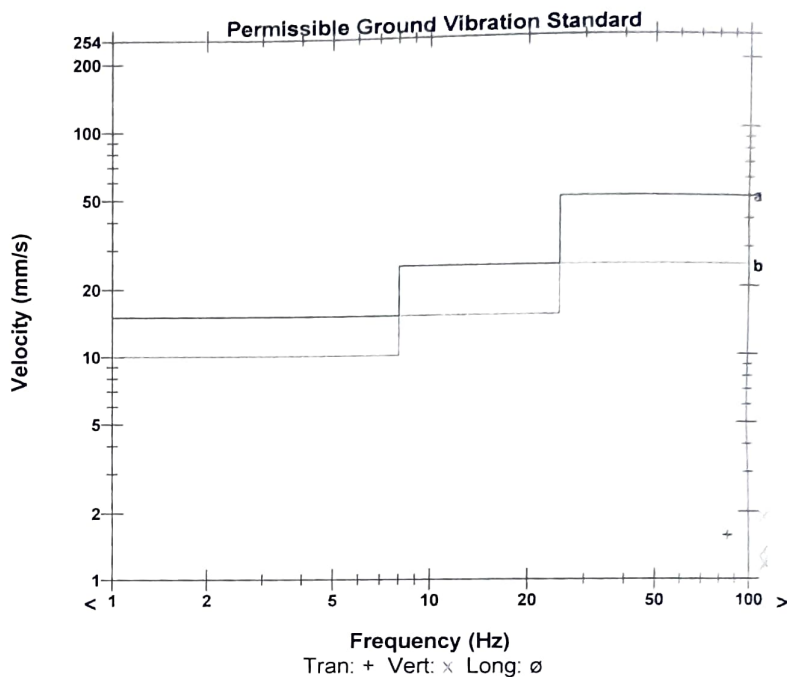
Microphone Linear Weighting
 PSPL 1.117 pa.(L) at 0.006 sec
 ZC Freq >100 Hz
 Channel Test Passed (Freq = 19.7 Hz Amp = 1463 mv)

	Tran	Vert	Long	
PPV	1.568	2.065	0.528	mm/s
ZC Freq	85	N/A	73	Hz
Time (Rel. to Trig)	0.007	0.002	0.013	sec
Peak Acceleration	0.159	0.376	0.067	g
Peak Displacement	0.098	0.108	0.064	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.5	7.1	Hz
Overswing Ratio	3.7	3.5	3.8	

Peak Vector Sum 2.482 mm/s at 0.007 sec

N/A: Not Applicable

DGMS India (B)



Sensor Check

Date/Time Vert at 11:49:50 January 9, 2024
Trigger Source Geo: 0.500 mm/s, Mic: 2.000 pa (L)
Range Geo: 254.0 mm/s
Record Time 1.509 sec (Auto=7Sec) at 1024 sps
Operator/Setup: Operator/BGM mmb

Serial Number UM8131 V 10-76 Micromate ISEE
Battery Level 3.5 Volts
Unit Calibration December 24, 2022 by UES New Delhi
File Name UM8131_20240109114950 IDFW

Notes

Location: Amalgamated Prism Cement and Bandarkha
Client:
User Name: PRISM JOHNSON LIMITED
General:

Extended Notes

Amalgamated Prism Cement and Bandarkha Limestone Mine

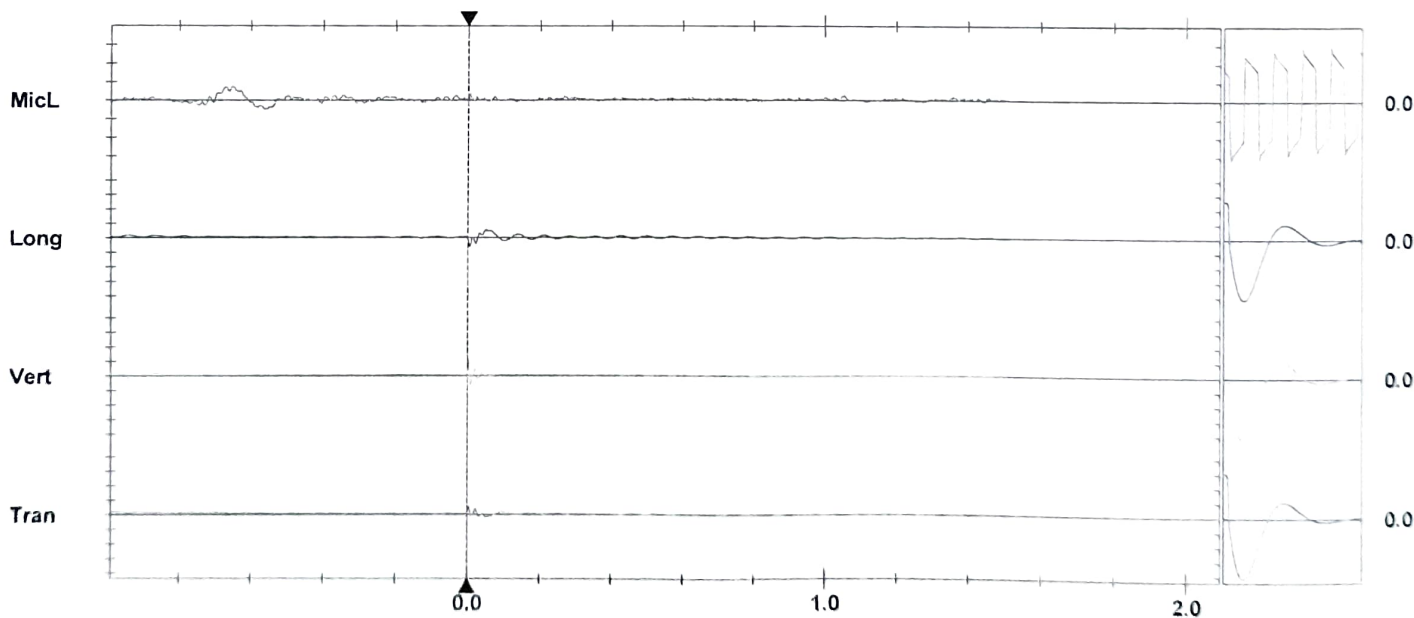
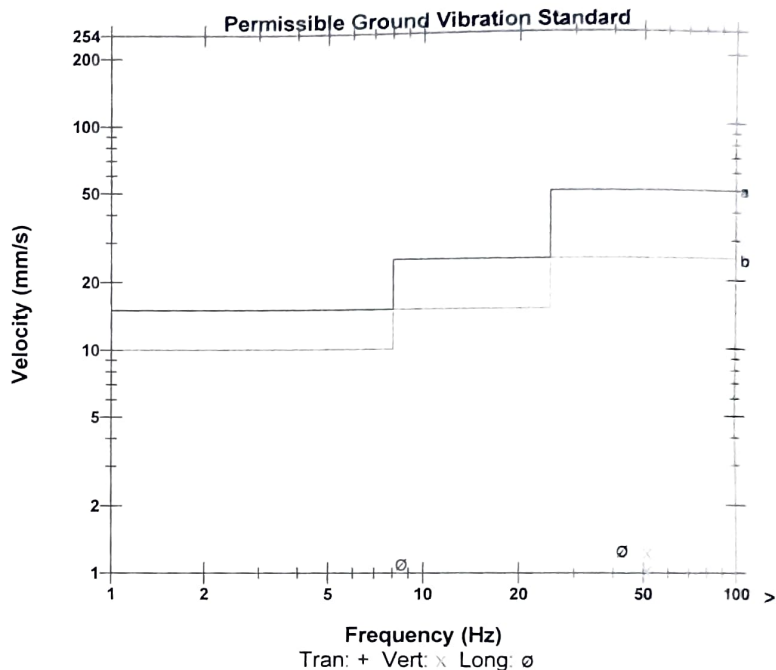
Microphone Linear Weighting
PSPL 0.776 pa (L) at -0.652 sec
ZC Freq 5.4 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1443 mv)

	Tran	Vert	Long	
PPV	1.253	2.231	1.269	mm/s
ZC Freq	N/A	N/A	43	Hz
Time (Rel. to Trig)	0.004	0.003	0.005	sec
Peak Acceleration	0.038	0.119	0.035	g
Peak Displacement	0.118	0.125	0.067	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.1	Hz
Overswing Ratio	3.6	3.5	3.9	

Peak Vector Sum 2.758 mm/s at 0.003 sec
N/A: Not Applicable

Post Event Notes
 H-16/GRW/1ST BENCH/WR, No. of Holes 80 Nos, DEPTH 4.01M
 Charge/delay- 11.25 Kg, Average Distance 160m.

DGMS India (B)



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 2.000 mm/s/div Mic: 1.000 pa (L)/div
Trigger =

Sensor Check

Date/Time Vert at 11 49 50 January 9, 2024
Trigger Source Geo: 0.500 mm/s, Mic: 2.000 pa (L)
Range Geo: 254.0 mm/s
Record Time 1.509 sec (Auto=7Sec) at 1024 sps
Operator/Setup: Operator/BGM.mmb

Serial Number UM8131 V 10-76 Micromate ISEE
Battery Level 3.5 Volts
Unit Calibration December 24, 2022 by UES New Delhi
File Name UM8131_20240109114950 IDFW

Notes

Location: Amalgamated Prism Cement and Bandarkha
Client:
User Name: PRISM JOHNSON LIMITED
General:

Extended Notes

Amalgamated Prism Cement and Bandarkha Limestone Mine

Microphone Linear Weighting
PSPL 0.776 pa (L) at -0.652 sec
ZC Freq 5.4 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1443 mv)

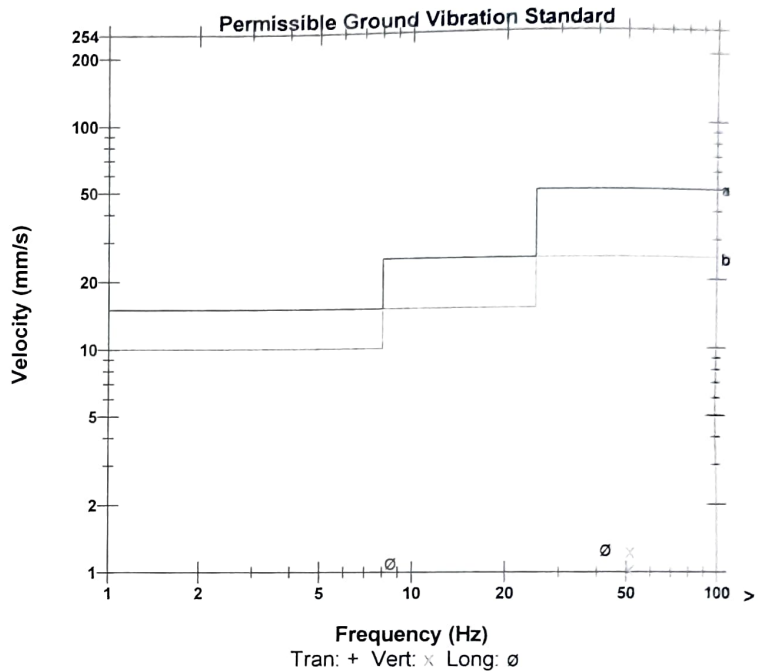
	Tran	Vert	Long	
PPV	1.253	2.231	1.269	mm/s
ZC Freq	N/A	N/A	43	Hz
Time (Rel. to Trig)	0.004	0.003	0.005	sec
Peak Acceleration	0.038	0.119	0.035	g
Peak Displacement	0.118	0.125	0.067	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.1	Hz
Overswing Ratio	3.6	3.5	3.9	

Peak Vector Sum 2.758 mm/s at 0.003 sec
N/A: Not Applicable

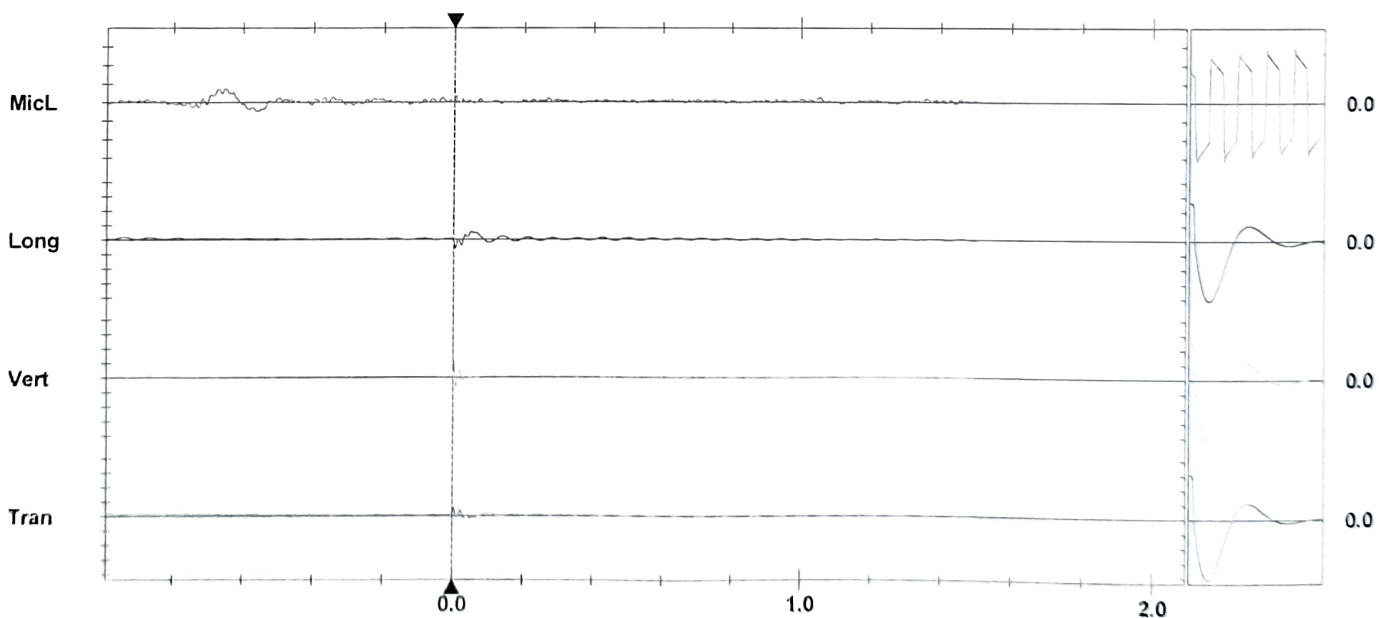
Post Event Notes

H-16/GRW/1ST BENCH/WR, No. of Holes 80 Nos, DEPTH 4.01M
 Charge/delay- 11.25 Kg, Average Distance 160m.

DGMS India (B)



a) Industrial buildings
 b) Domestic houses/structures



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 2.000 mm/s/div Mic: 1.000 pa (L)/div
Trigger = ►

Sensor Check

Date/Time Vert at 13:39:44 January 22, 2024
Trigger Source Geo: 0.500 mm/s, Mic: 2.000 pa.(L)
Range Geo: 254.0 mm/s
Record Time 3.628 sec (Auto=7Sec) at 1024 sps
Operator/Setup: Operator/BGM.mmb

Serial Number UM8131 V 10-76 Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration December 24, 2022 by UES New Delhi
File Name UM8131_20240122133944.IDFW

Notes

Location: Amalgamated Prism Cement and Bandarkha
Client:
User Name: PRISM JOHNSON LIMITED
General:

Extended Notes

Amalgamated Prism Cement and Bandarkha Limestone Mine

Microphone Linear Weighting
PSPL 0.543 pa.(L) at 0.005 sec
ZC Freq 73 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1502 mv)

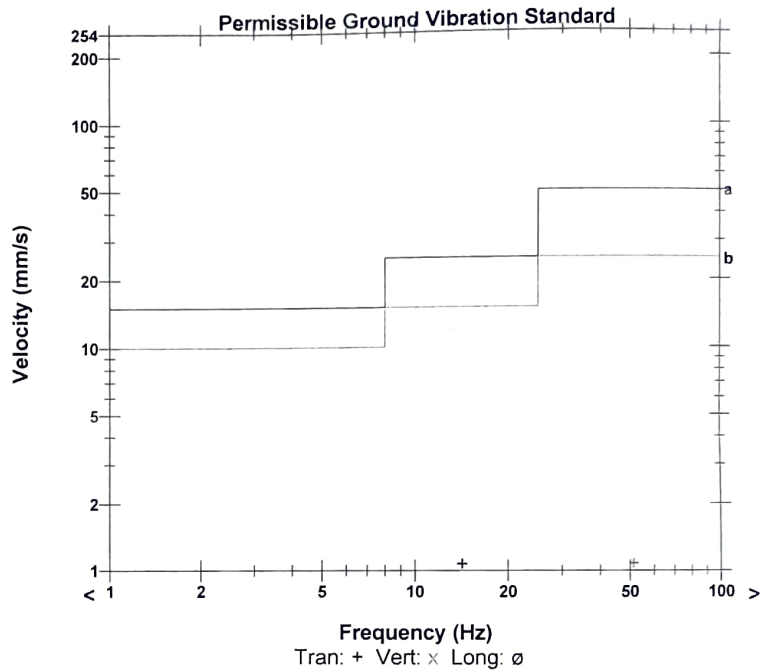
	Tran	Vert	Long	
PPV	1.167	0.835	0.788	mm/s
ZC Freq	N/A	51	37	Hz
Time (Rel. to Trig)	0.004	0.012	0.018	sec
Peak Acceleration	0.046	0.048	0.035	g
Peak Displacement	0.103	0.144	0.068	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.1	Hz
Overswing Ratio	3.6	3.5	3.9	

Peak Vector Sum 1.292 mm/s at 0.013 sec
N/A: Not Applicable

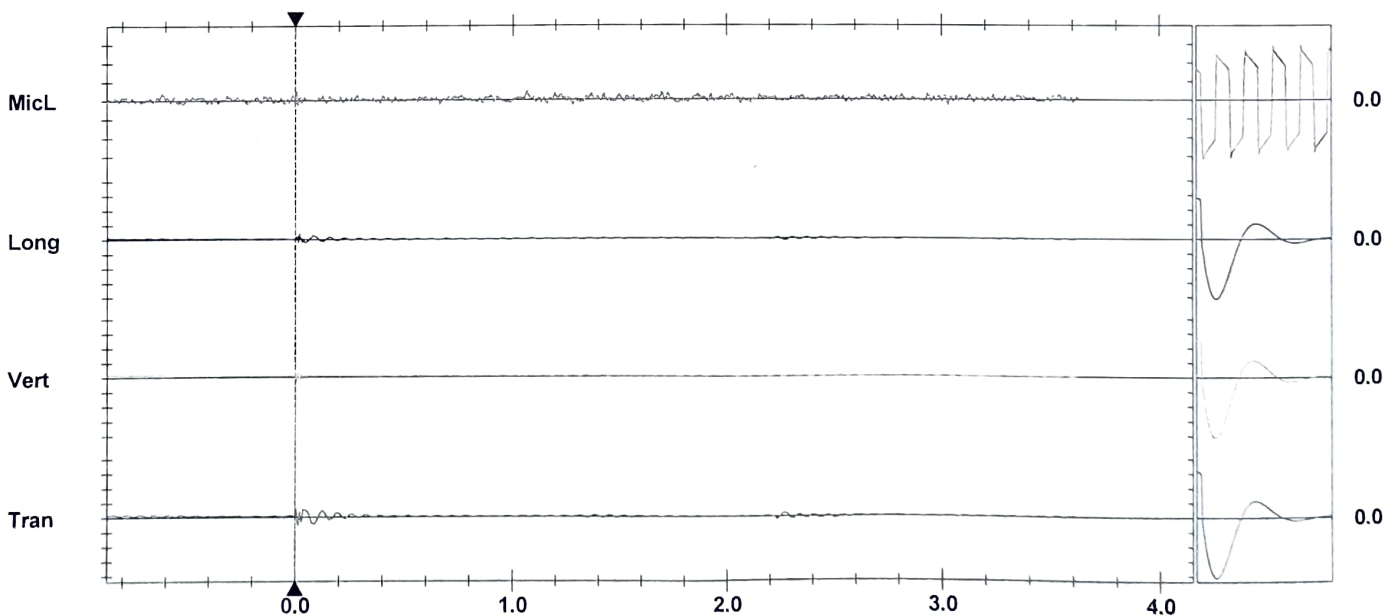
Post Event Notes

MNK/66 NO./6TH BENCH/H MgO/NEAR PUMP,
 No. of Holes 28 Nos. ,
 DEPTH 7.01 M
 Charge/delay- 33.73 Kg, Average Distance 250m.

DGMS India (B)



a) Industrial buildings
 b) Domestic houses/structures



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 2.000 mm/s/div Mic: 1.000 pa.(L)/div
Trigger = 

Sensor Check

Date/Time Vert at 13:36:02 February 7, 2024
Trigger Source Geo: 0.500 mm/s, Mic: 2.000 pa (L)
Range Geo: 254.0 mm/s
Record Time 3.5 sec (Auto=7Sec) at 1024 sps
Operator/Setup: Operator/BGM.MMB

Serial Number UM8131 V 10-76 Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration January 29, 2024 by UES New Delhi
File Name UM8131_20240207133602.IDFW

Notes
Location: Amalgamated Prism Cement and Bandarkha
Client:
User Name: PRISM JOHNSON LIMITED
General:

Post Event Notes
 MNK/66 NO./6TH BENCH/H MgO/SOUTH, No. of Holes 41 Nos
 ,DEPTH 7.21 M
 Charge/delay- 30.94 Kg, Average Distance 250m.

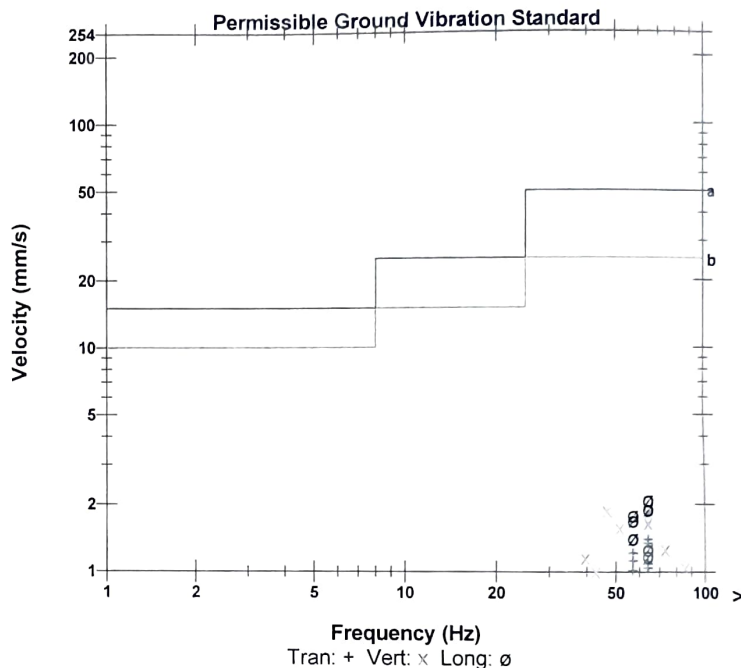
Extended Notes
 Amalgamated Prism Cement and Bandarkha Limestone Mine

Microphone Linear Weighting
PSPL 2.079 pa(L) at 0.006 sec
ZC Freq 85 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1407 mv)

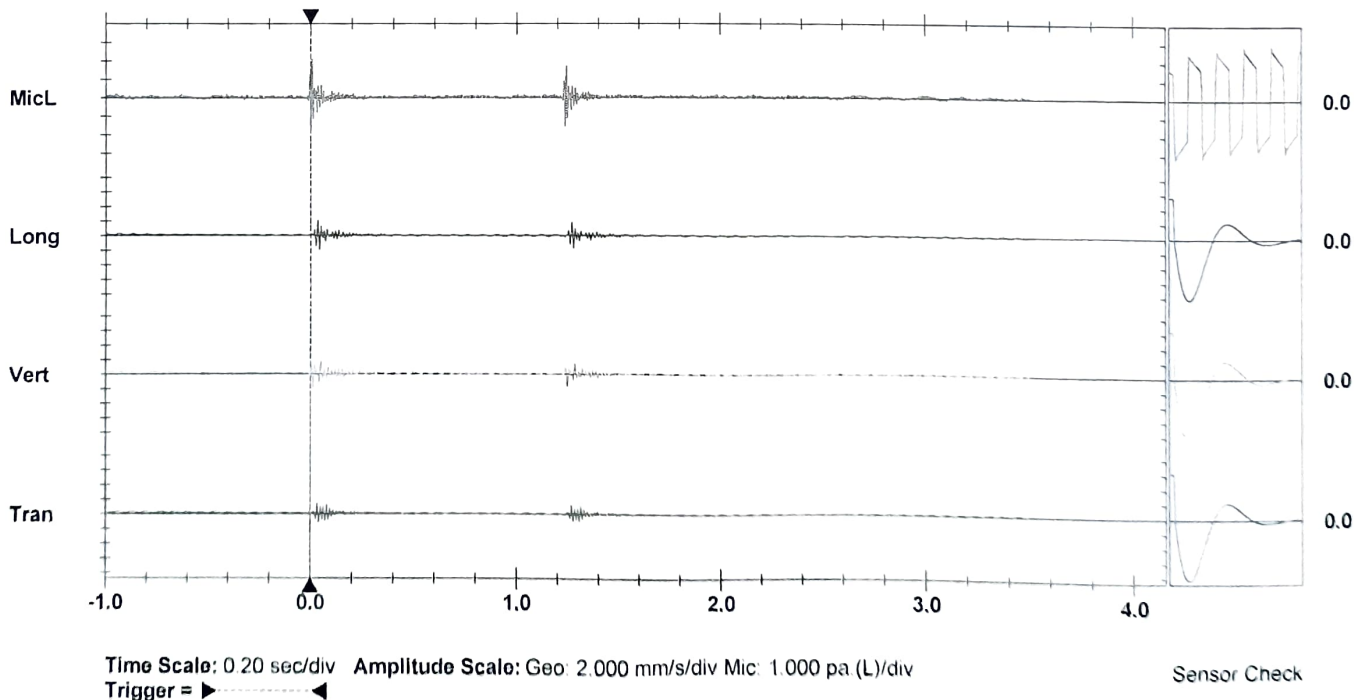
	Tran	Vert	Long	
PPV	1.395	1.884	2.097	mm/s
ZC Freq	64	47	64	Hz
Time (Rel. to Trig)	0.033	0.049	0.034	sec
Peak Acceleration	0.053	0.076	0.073	g
Peak Displacement	0.108	0.123	0.055	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.5	7.1	Hz
Overswing Ratio	3.6	3.4	3.7	

Peak Vector Sum 2.480 mm/s at 0.033 sec

DGMS India (B)



a) Industrial buildings
 b) Domestic houses/structures



Date/Time Vert at 13:55:54 February 17, 2024
Trigger Source Geo: 0.500 mm/s, Mic: 2.000 pa (L)
Range Geo: 254.0 mm/s
Record Time 3.5 sec (Auto=7Sec) at 1024 sps
Operator/Setup: Operator/BGM MMB

Serial Number UM8131 V 10-76 Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration January 29, 2024 by UES New Delhi
File Name UM8131_20240217135554 IDFW

Notes

Location: Amalgamated Prism Cement and Bandarkha
Client:
User Name: PRISM JOHNSON LIMITED
General:

Post Event Notes

MNK/GRW/4TH BENCH/NDLS/WEST, No. of Holes 33 Nos
 .DEPTH 7.73 M
 Charge/delay- 42 42 Kg. Average Distance 250m

Extended Notes

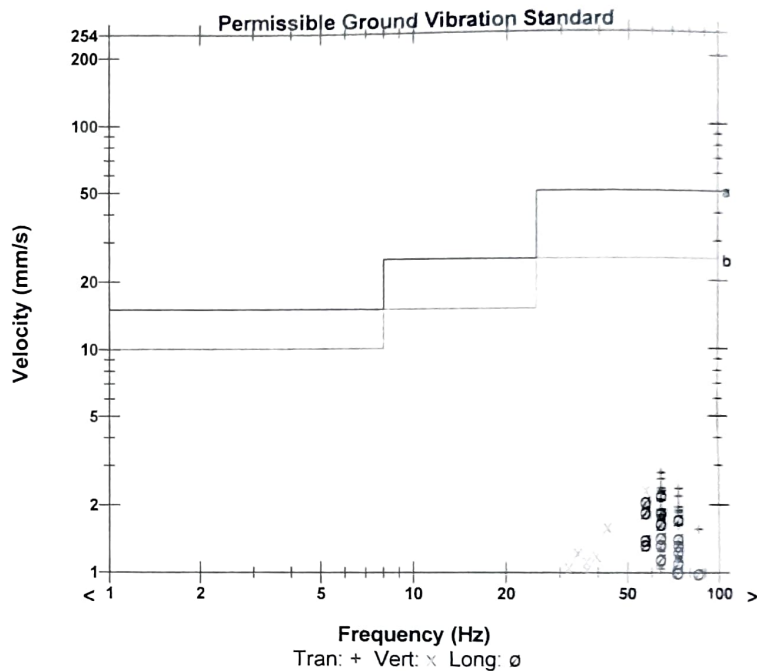
Amalgamated Prism Cement and Bandarkha Limestone Mine

Microphone Linear Weighting
PSPL 1.707 pa (L) at -0.001 sec
ZC Freq 85 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1387 mv)

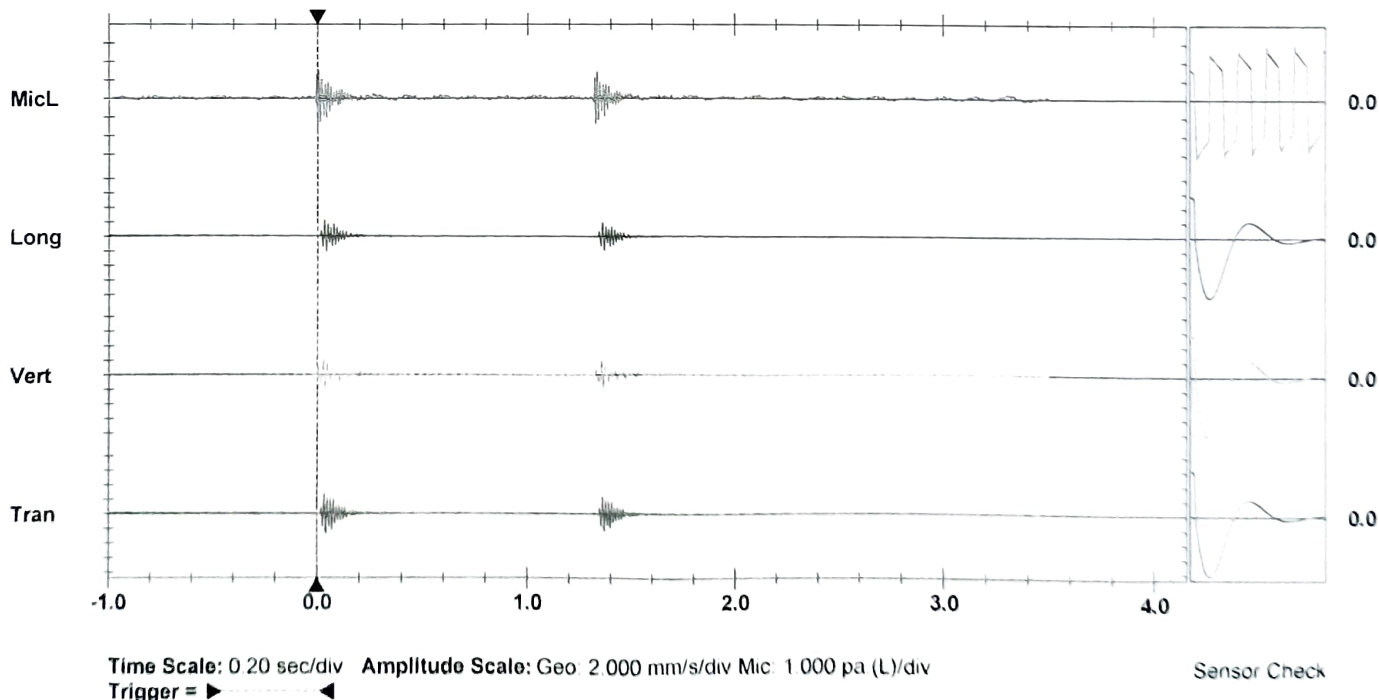
	Tran	Vert	Long	
PPV	2.774	2.341	2.215	mm/s
ZC Freq	64	57	64	Hz
Time (Rel. to Trig)	0.034	0.027	0.032	sec
Peak Acceleration	0.114	0.081	0.081	g
Peak Displacement	0.077	0.080	0.037	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.1	Hz
Overswing Ratio	3.6	3.4	3.7	

Peak Vector Sum 3.652 mm/s at 0.034 sec

DGMS India (B)



a) Industrial buildings
 b) Domestic houses/structures



Date/Time Long at 13:29:59 March 11, 2024
Trigger Source Geo: 0.500 mm/s, Mic: 2.000 pa (L)
Range Geo: 254.0 mm/s
Record Time 3.5 sec (Auto=7Sec) at 1024 sps
Operator/Setup: Operator/BGM.MMB

Serial Number UM8131 V 10-76 Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration January 29, 2024 by UES New Delhi
File Name UM8131_20240311132959 IDFW

Notes

Location: Amalgamated Prism Cement and Bandarkha
Client:
User Name: PRISM JOHNSON LIMITED
General:

Extended Notes

Amalgamated Prism Cement and Bandarkha Limestone Mine

Microphone Linear Weighting
PSPL 2.141 pa.(L) at 0.016 sec
ZC Freq 85 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1317 mv)

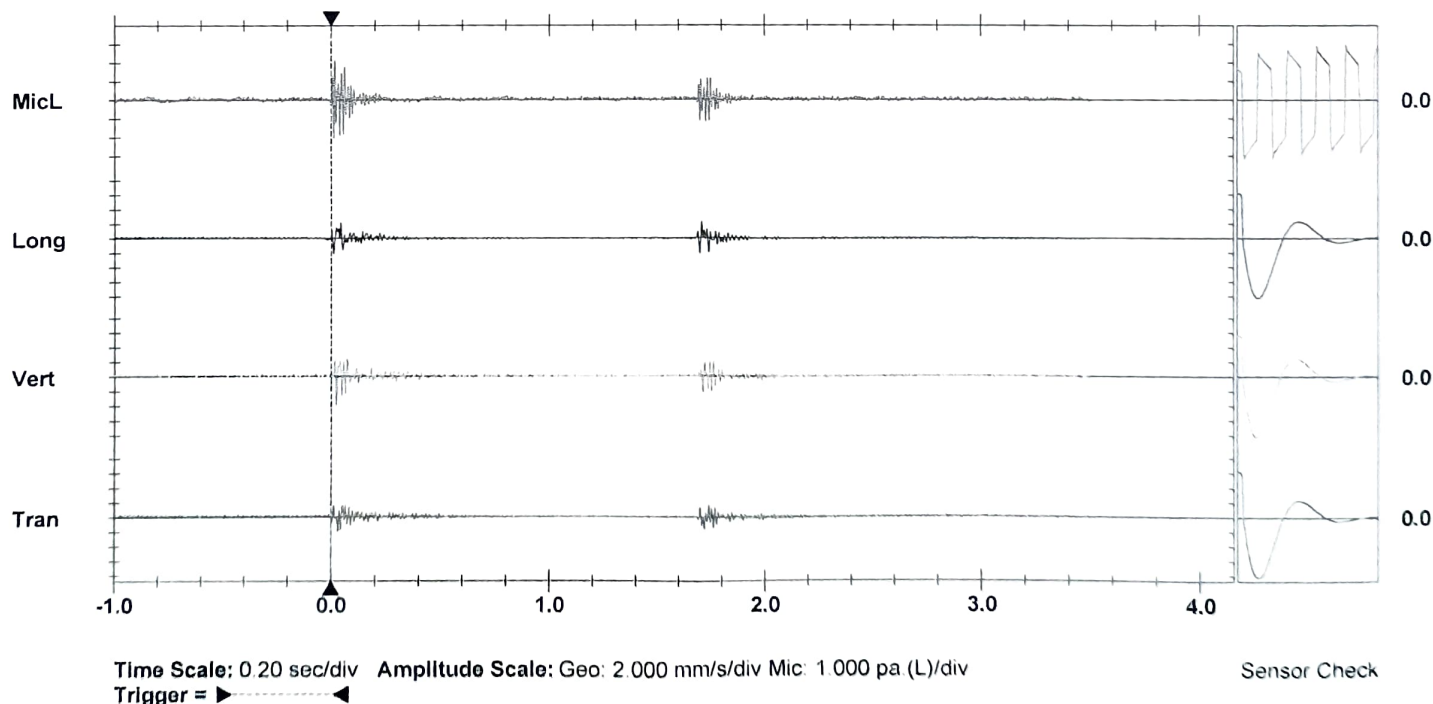
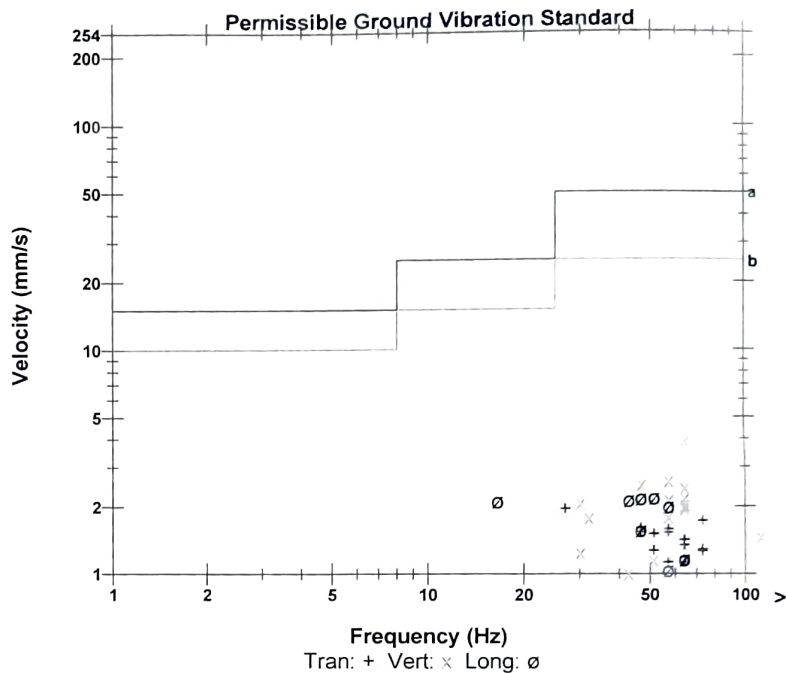
	Tran	Vert	Long	
PPV	1.955	3.909	2.191	mm/s
ZC Freq	27	64	51	Hz
Time (Rel. to Trig)	0.031	0.023	1.707	sec
Peak Acceleration	0.077	0.153	0.081	g
Peak Displacement	0.063	0.037	0.027	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.3	Hz
Overswing Ratio	3.6	3.2	3.6	

Peak Vector Sum 4.175 mm/s at 0.023 sec

Post Event Notes

MNK/5TH BENCH/L MgO/WEST, No. of Holes 30 Nos
 ,DEPTH 9.89 M
 Charge/delay- 64.2 Kg, Average Distance 250m.

DGMS India (B)



Date/Time MicL at 13:49:33 March 27, 2024
Trigger Source Geo: 0.500 mm/s, Mic: 2.000 pa.(L)
Range Geo: 254.0 mm/s
Record Time 5.0 sec (Auto=7Sec) at 1024 sps
Operator/Setup: Operator/BGM.MMB

Serial Number UM8131 V 10-76 Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration January 29, 2024 by UES New Delhi
File Name UM8131_20240327134933.IDFW

Notes

Location: Amalgamated Prism Cement and Bandarkha
Client:
User Name: PRISM JOHNSON LIMITED
General:

Extended Notes

Amalgamated Prism Cement and Bandarkha Limestone Mine

Microphone Linear Weighting
PSPL 4.577 pa.(L) at 0.006 sec
ZC Freq >100 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1317 mv)

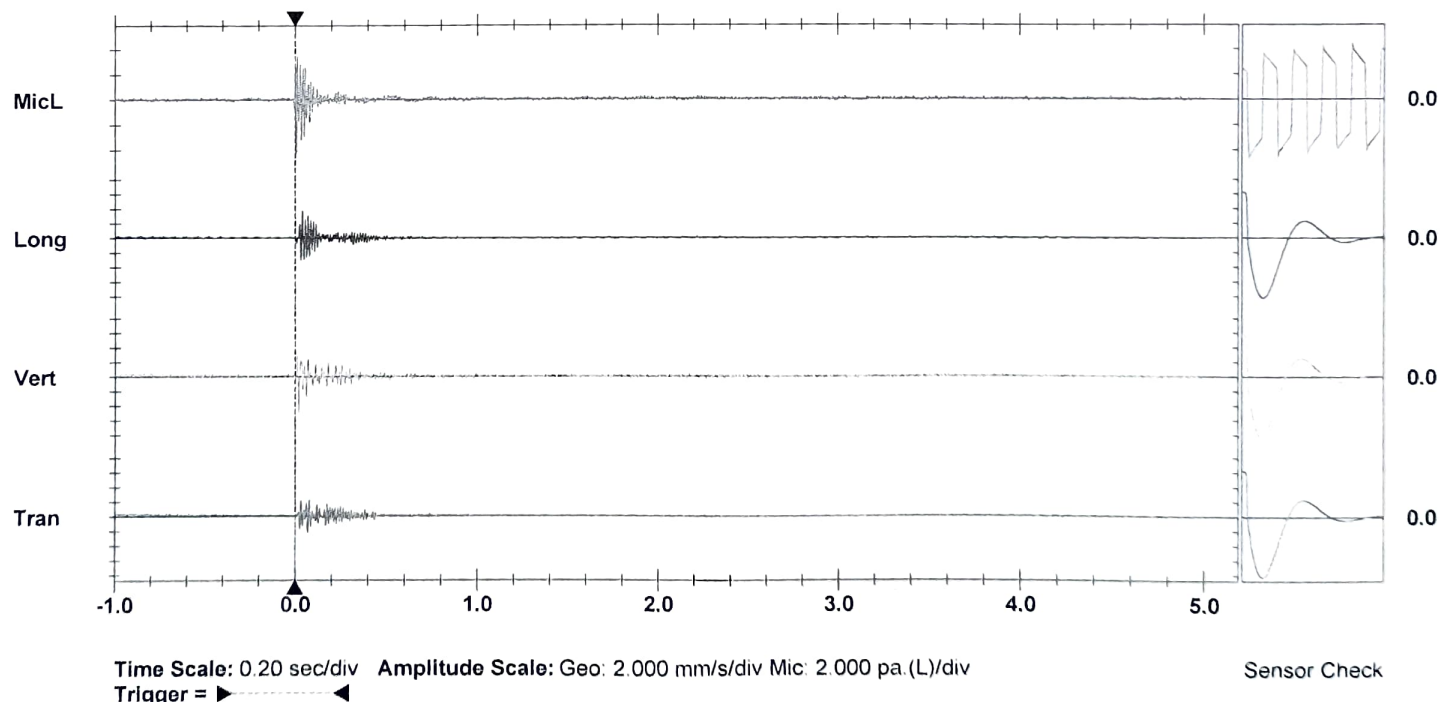
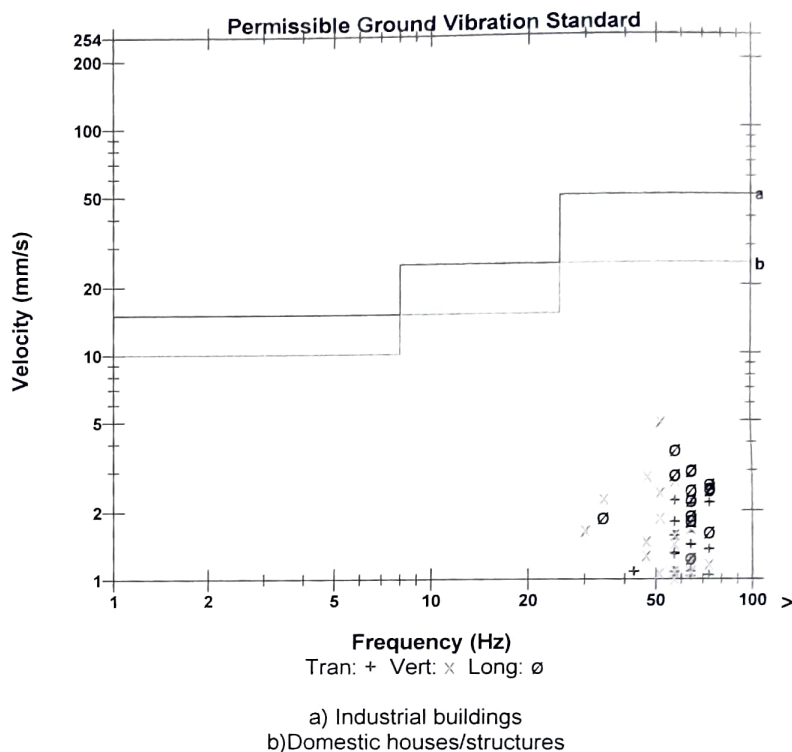
	Tran	Vert	Long	
PPV	2.215	4.973	3.712	mm/s
ZC Freq	57	51	57	Hz
Time (Rel. to Trig)	0.077	0.020	0.040	sec
Peak Acceleration	0.098	0.154	0.137	g
Peak Displacement	0.114	0.052	0.040	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.1	Hz
Overswing Ratio	3.5	3.3	3.6	

Peak Vector Sum 5.009 mm/s at 0.020 sec

Post Event Notes

MNK/66 NO./5TH BENCH/L MgO/SOUTH, No. of Holes 29 Nos.
 ,DEPTH 9.52 M
 Charge/delay- 59.5 Kg, Average Distance 250m

DGMS India (B)



***Digital Processing of Mining Leases- ML 772.067 Ha,
99.416 Ha, & 117.594 Ha, using Remote Sensing Technique for
fulfillment of EC Compliance of Cement Unit Plant II and Integrated
Mines for Prism Johnson Ltd. in Satna, Madhya Pradesh.***

Final Report- 772.067 Ha, 99.416 Ha, & 117.594 Ha.



PO No. : 3100210446-P027, dated 13.07.2023



Submitted By:

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1. Introduction

Prism Johnson Limited is professionally managed Company promoted by the Rajan Raheja Group. Prism Johnson Limited is India's largest integrated Building Materials Company with a wide range from cement, ready-mixed concrete, tiles, bath products to kitchens. The Company has three Divisions, viz. Prism Cement, H & R Johnson (India), and RMC Readymix (India). Prism Cement primarily caters to the demand in the Northern Region, mainly in the States of Uttar Pradesh, Bihar and Madhya Pradesh. The capacity expansion has established the Division's brand in new markets and to a larger consumer base. A team of experienced engineers and a dedicated workforce combined with a high level of automation and sophisticated control systems have placed the Division's products in the premium segment.

Prism Johnson Ltd commenced its production in August 1997 and manufactures Portland Pozzollana Cement (PPC) with the brand name 'Champion' and Ordinary Portland Cement (OPC). It has the highest quality standards due to efficient plant operations with automated controls. It caters mainly to markets of UP, MP and Bihar, with an average lead of 340–370 km of its plant at Satna, MP. It has a wide marketing network with about 2,000 dealers serviced from 46 stocking points.

Cement and mining is seventh of the core industries that contribute significantly to the economic development of India . As for environment point of view, Line stone mining and installation of cement plant is a major habitat transforming activity is lead to change in land Use/Land cover. The change have been described as the most significant regional anthropogenic disturbance to the environment and are consistently with mining of natural resources.

Remote sensing and geographic information system (GIS) are important tool for studying the land use pattern and their dynamic . The change detection in Land use /land cover due to natural and human activities can be monitored by using multi date image to evaluate difference in land cover . The mapping of land use of classes and monitoring their changes with time has been widely recognized. The change detection in Land use/ Land cover due to natural and human activities can be monitored by using multi date images to evaluated differences in land cover where lime stone mines **Hinouti & Sijhatta ML 772.067 Ha, 99.416 Ha and Mendhi ML 117.594 Ha** and Cement Unit II are under operation by using multi temporal remote sensing data.

The concept, method and application of land use/land cover studies are introduced to mining area in order to find the land use change and give support to land management and ecological reconstruction. its prerequisite for planning, policy making and developmental program that land use /land cover information its spatial distribution and change in land use pattern is commonly used.

1.1 Scope of work

1. Collection of Primary data - Raw satellite data to be obtained from NRSC.
2. Base map to be prepared with help of survey of India Toposheet G44U14, G44V2 and other details.
3. Data processing including following steps with the help of application software
 - a. Geometric correction, rectification and Geo referencing .
 - b. Image enhancement.
 - c. Training set selection.
 - d. Signature generation and classification.
 - e. Validation of classification image.
 - f. Final thematic map preparation.
4. The map to be prepared on scale of 1:50000.
5. Comparative study with respect to land use change in the last three years.

1.2. Objectives

The main objective of present study is to understand land use /land cover change in the time and space , with special reference to the cement & mining activities being carried by M/s Prism Johnson Ltd, which is also one of the special condition of the environment clearance issued.

1.3. Software Used

1. ArcGIS 10.3
2. ERDAS Imagine
3. Microsoft Office

1.4. Study Area

The study area lies in Tehsil-Rampur baghelan and kotar, Satna district (MP) where cement Plant. The area is well connected to broad gauge line of central railway Linking ,satna with Rewa. The nearest major railhead is Satna on the jabalpur- Allahabad board guge section of central railway and is well connected to the major cities of the country. There is a good network of roads, there is an all weather motor able road up to project site. Location of Integrated Plant is 22 km from Satna City. from Satna city and 3 Km. from Satna - Rewa highway.

The details of the Mine lease areas are listed in the Table 1:

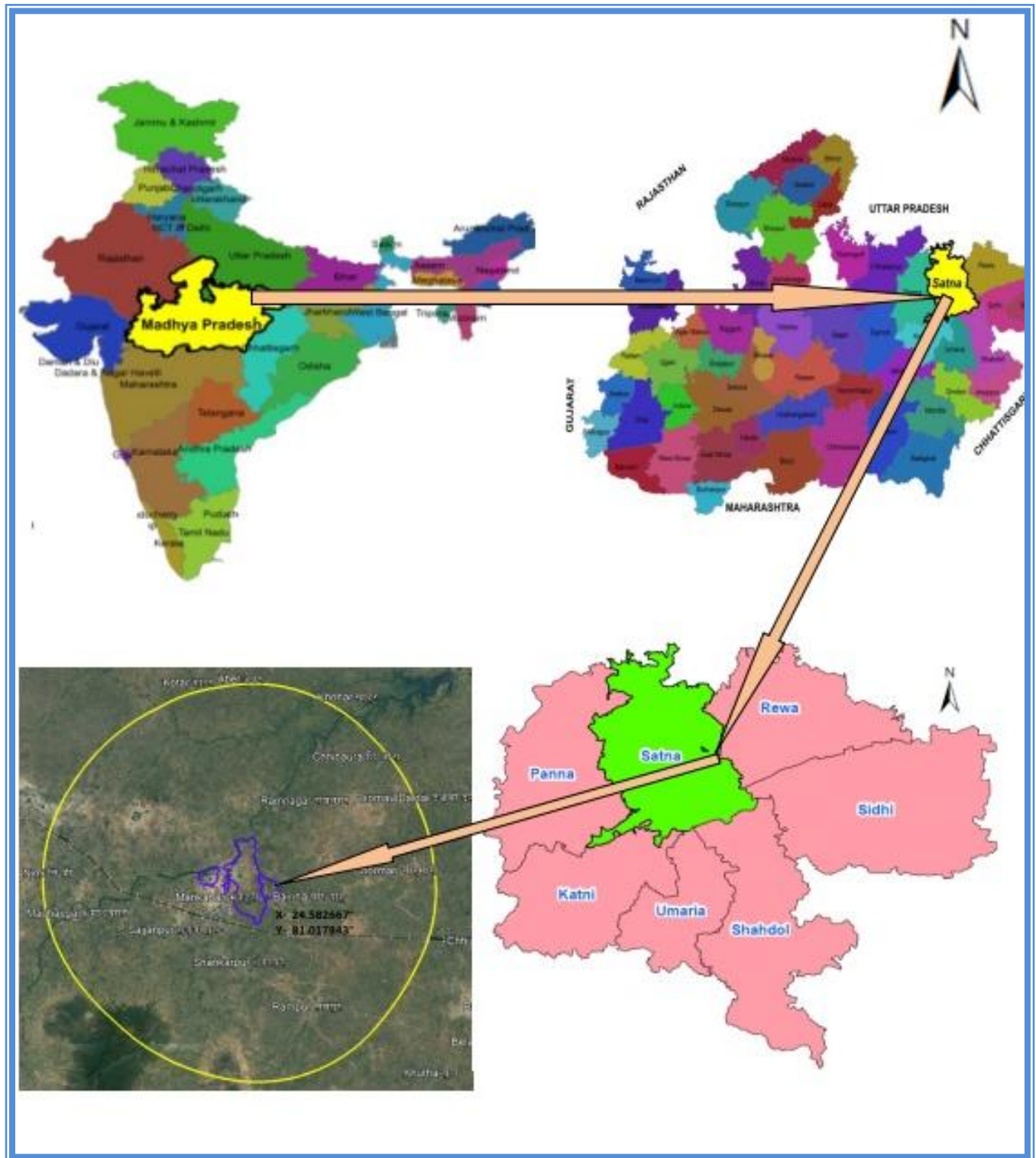
Table - 1

Details	Hinouti, Sijhatta and Mendhi Limestone Mine:	Integrated Cement Plant	Limestone Mine 772.067 Ha, 99.416 and 117.594		
Village	Hinouti, Sijhatta and Mendhi	Mankhari	Hinouti & Sijhatta	Mendhi	Baghai
Tehsil	Kotar	Rampur, Baghelan	Rampur, Baghelan	Rampur, Baghelan	Rampur, Baghelan
District	Satna	Satna	Satna	Satna	Satna
State	Madhya Pradesh	Madhya Pradesh	Madhya Pradesh	Madhya Pradesh	Madhya Pradesh

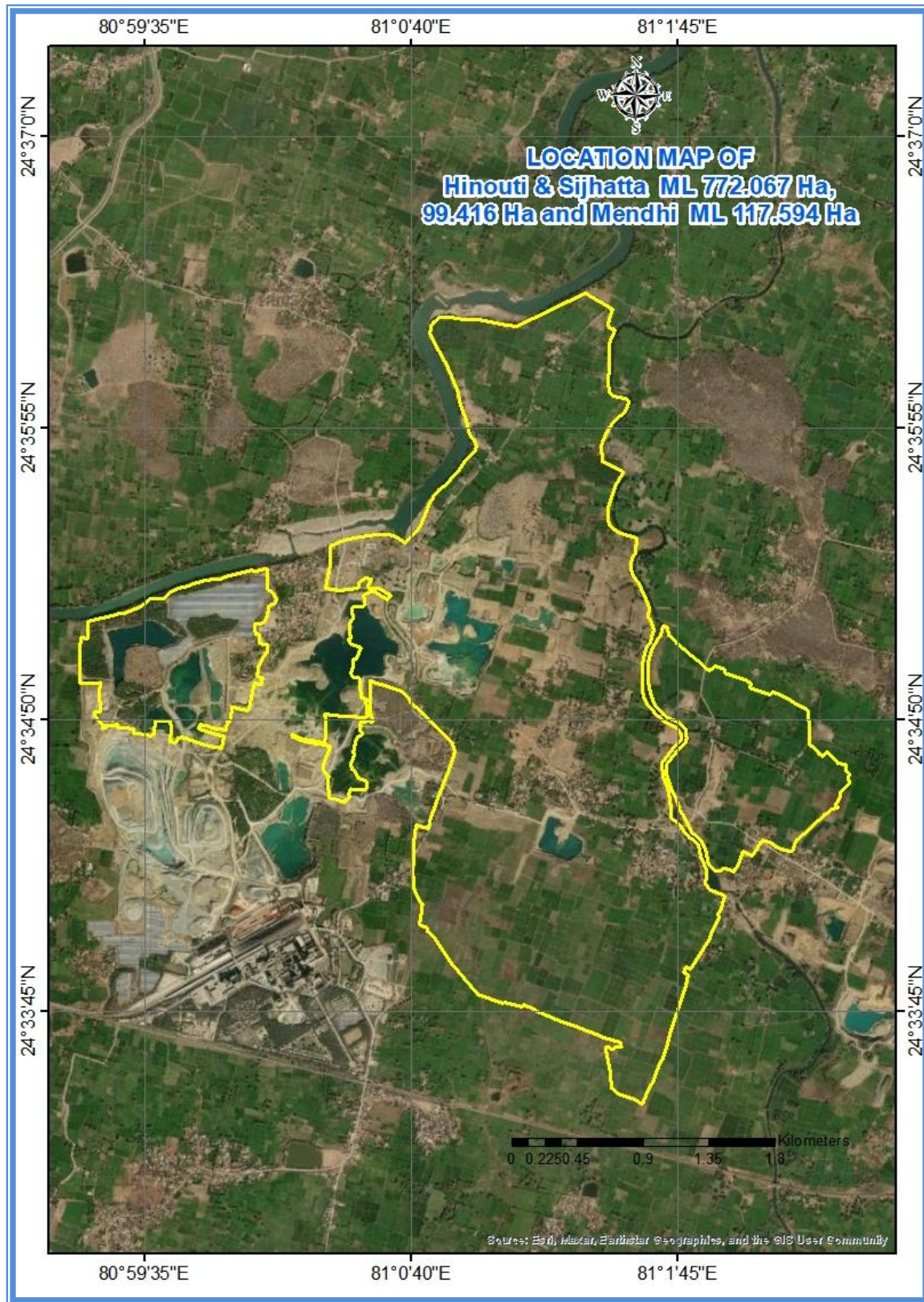
Toposheet No.	G44U14 & G44V2	G44U14 & G44V2	G44V2	G44V2
National Highway	N.H. - 39 Gwalior to Rewa			
Nearest River	Tamas River 2.15 Km.	Adjecnt to the boundary (In NW direction)	Tamas River 3.5 Km. (NW of Baghai)	Tamas River: 4 Km. (NW of Baghai)
Latitude	24°33'32.3"N	24°33'20.71"N	24°34'15.3."N	24°33'20.71"N
Longitude	80°59'34.12"E	80°59'20"E	81°02'26.1"E	81°04'47.8"E
Nearest Town	Satna (21 km)	Satna (18 Km) Towards west	Satna (24 Km) Towards west	Satna (23 Km) Towards west
Nearest Railway station	Satna railway station (20Km.)	Satna on the jabalpur-Allahabad board gauge section of west central Railway (18 KM.)	Satna on the jabalpur-Allahabad board gauge section of west central Railway (22 KM.)	Satna on the jabalpur-Allahabad board gauge section of west central Railway (20 KM.)
Nearest Airport	Khajuraho (120 Km.)	Khajuraho (120 Km.)		

1.5. Location Map

LOCATION MAPS OF Hinouti & Sijhatta ML 772.067 Ha, 99.416 Ha and Mendhi ML 117.594 Ha

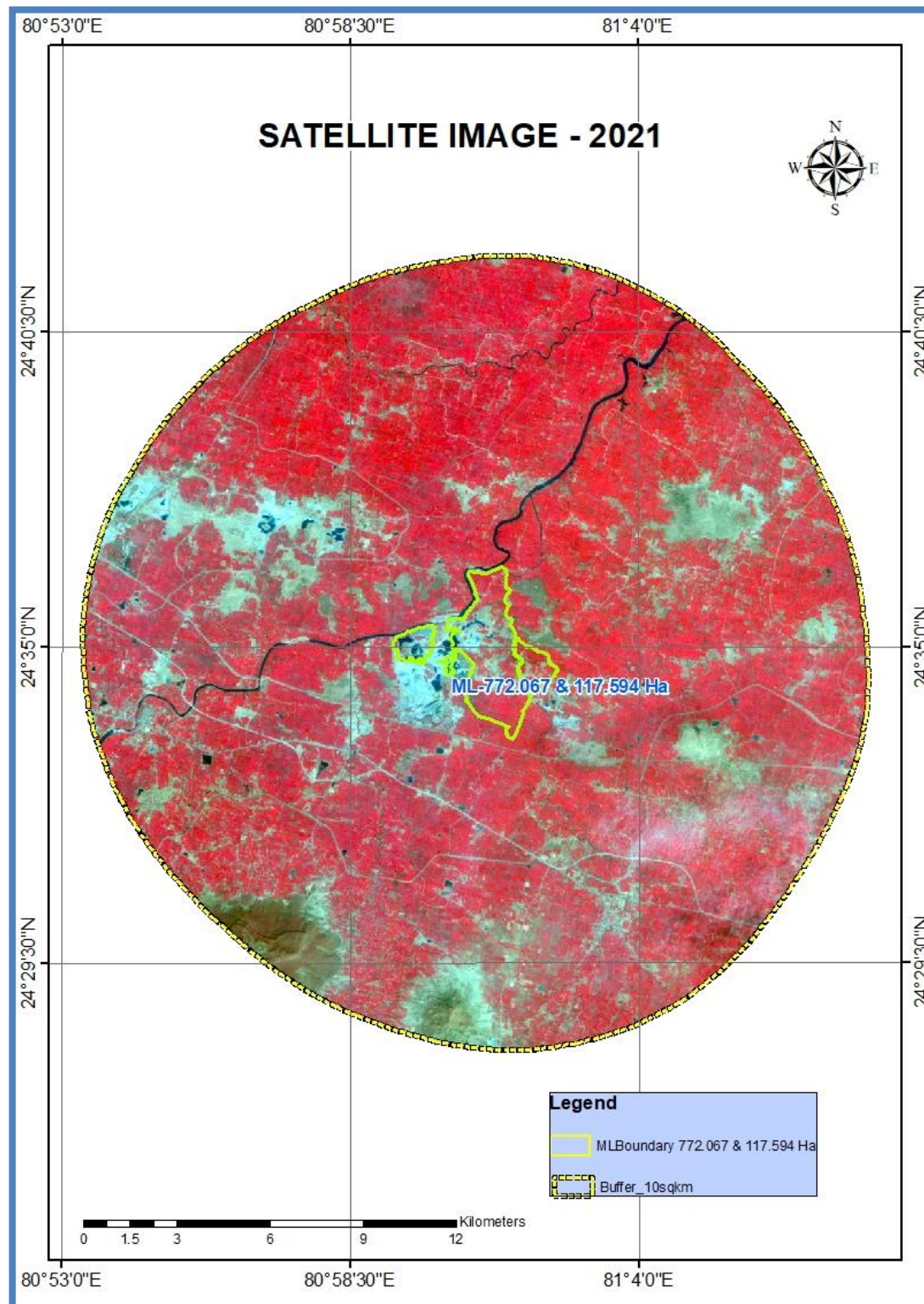


ML BOUNDARY MAP : Hinouti & Sijhatta ML 772.067 Ha, 99.416 Ha and Mendhi ML 117.594 Ha

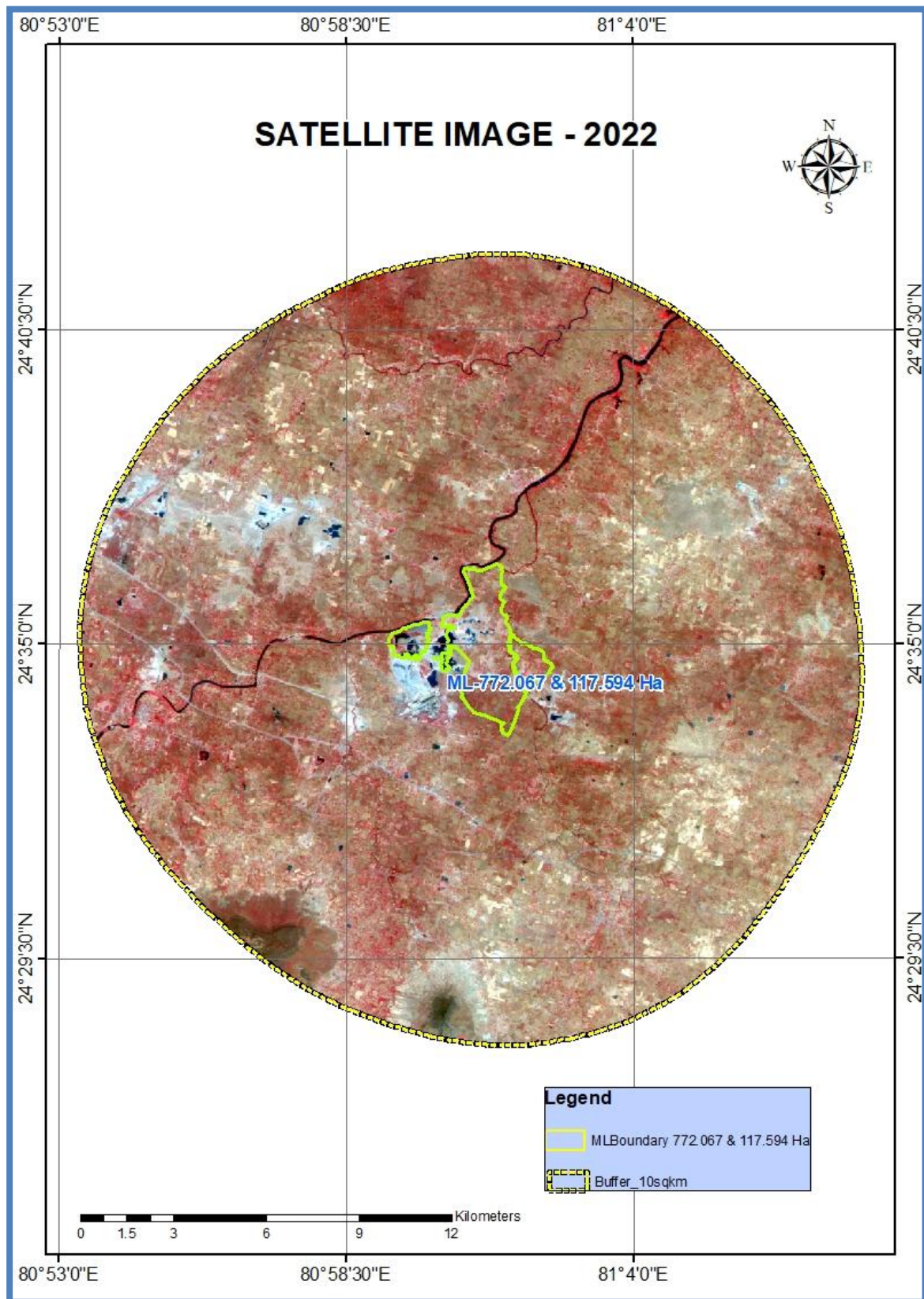


1.6. False Color Composites-FCC- Satellite Image of Study Area-2021-2022 and 2023

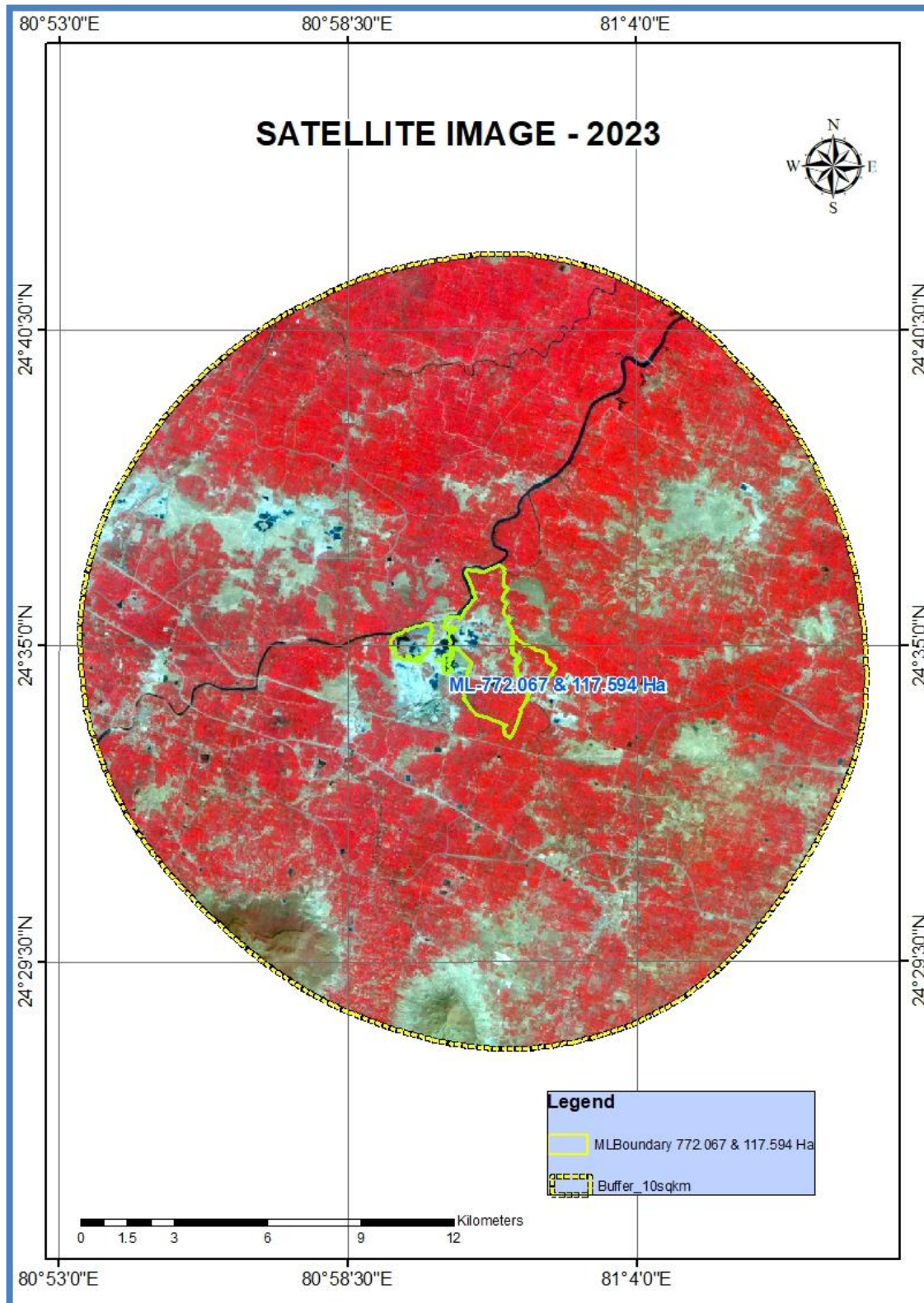
1.6.1 Satellite Image data-2021



1.6.2 Satellite Image data-2022



1.6.3 Satellite Image data-2023



2. APPROACH & METHODOLOGY

Indian remote sensing satellite LISS-III MSS & PAN geocoded data were used to analyze the land use/land cover pattern. The present study utilizes multi-spectral/multi-temporal data of the Indian remote sensing satellite LISS-III MSS & PAN for thematic mapping. Survey of India toposheet G44U14 & G44V2 on scale 1:50,000 were used for preparation of base map which was overlay on the LISS-III for land use /land cover mapping through visual interpretation. Visual interpretation of satellite imagery lead to the identification of fifteen land use/land cover categories. The ground truth verification was carried out in the key areas to rectify the errors in generated maps and then land use/land cover maps were finalized.

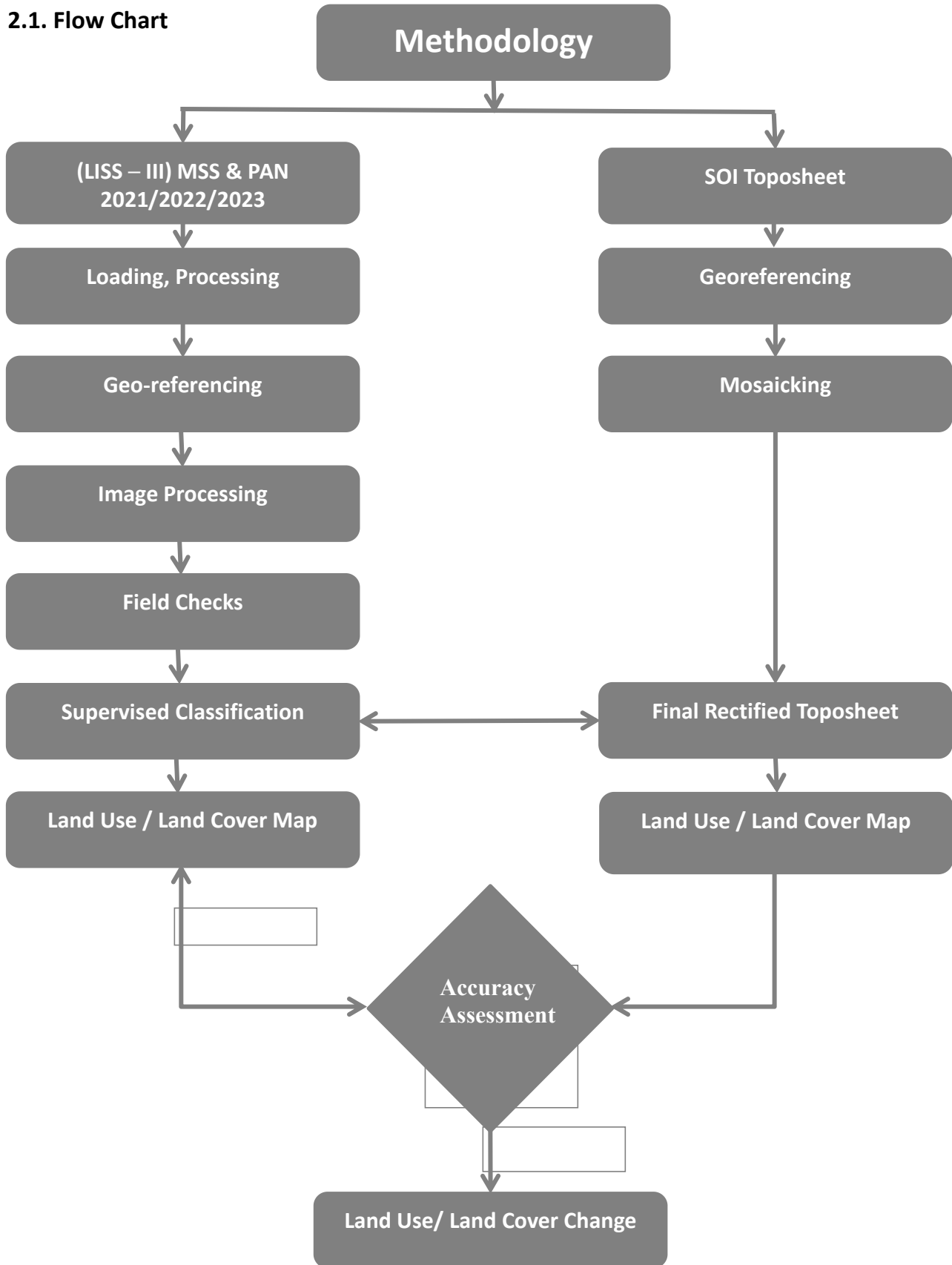
Data available gives uniform spectral and radiometric characteristics and minimize the seasonal variation. The survey of India topographic sheets No. G44U14 & G44V2 on scale 1:50,000 were used for preparation of base map. Secondary data obtained from published material. Visual interpretation is the effective method for classifying land use/land cover especially when the analyst is familiar with the area being classified from satellite data.

These categories were identify on the basis of visual interpretation of satellite data and ground truth verification were done in the key areas for editing and authentication. On screen digitization technique has been carried out to digitize the maps using Arc Map 10.3 software for land use analysis.

There are number of steps involved between RAW satellite data procurement and preparation of final maps. National Remote sensing Centre (NRSC). Hyderabad, being the nodal agency for satellite data supply in India , Provides only RAW digital satellite data , which needs further digital image processing for extracting the information and map preparation before uploading the same in the website. Methodology for land reclamation is given table no.2

With the invent of remote sensing and Geographical Information System (GIS) techniques, land use/cover mapping has given a useful and detailed way to improve the selection of areas designed to agricultural, urban and/or industrial areas of a region. Application of remotely sensed data made possible to study the changes in land cover in less time, at low cost and with better accuracy in association with GIS that provides suitable platform for data analysis, update and retrieval. The advent of high spatial resolution satellite imagery and more advanced image processing and GIS technologies, has resulted in a switch to more routine and consistent monitoring and modeling of land use/land cover patterns. Remote-sensing has been widely used in updating land use/cover maps and land use/cover mapping has become one of the most important applications of remote sensing.

2.1. Flow Chart



2.2. Data Procurement:

After browsing the data quality and date of pass on internet, supply order for data is placed to NRSC. Secondary data like leasehold boundary, Toposheet are procured for creation of vector database.

2.3. Satellite Data Processing:

Satellite data are processed using *DIGITAL IMAGE PROCESSING SOFTWARE*. Mythology involves the following major steps.

2.4. Rectification & Geo-referencing:

Inaccuracies in digital imagery may occur to *systematic errors* attributes to earth curvature and ration as well as *non systematic errors* attributes to satellite receiving station itself. RAW digital contain geometric distortions, which make them unusable as maps. Therefore, Geo-referencing is required for correction of image data using ground control points (GCP) to make it compatible to SOI toposheet.

2.5. Image enhancement:

To improve the interpret-ability of the raw data, image enhancement is necessary. Local operations modify the value of each pixel based on brightness pixels using *DIGITAL IMAGE PROCESSING SOFTWARE* and enhance the image quality for interpretation.

2.6. Classification and Accuracy assessment:

Image classification is carried out using the maximum likelihood algorithm. The classification proceeds through the following steps :

(A) calculation of statistics for the identified training area, and correlation matrix. After evaluating the statistical parameters of the training sets is conducted by measuring the statistical separation between the classes that resulted from computing divergence matrix. The overall accuracy of the classification was finally reference to ground truth data.

2.7. Area Calculation:

The area of each land use class in the leasehold is determined using *DIGITAL IMAGE PROCESSING SOFTWARE*.

2.8. Overlay of Vector data base:

Vector data base created based on secondary data. Vector layer like drainage, railway line, Lease boundary, mines area, forest boundary water body etc.

2.9. Field Survey:

Field survey was carried out by taking selective traverses in order to collect the ground information (or reference data).



Digital Processing of Lease Area of Prism Johnson Ltd., Satna, Madhya Pradesh



Digital Processing of Lease Area of Prism Johnson Ltd., Satna, Madhya Pradesh



2.10. Finding of Study:

2.10.1. Hinouti & Sijhatta Lime Stone Mine (772.067 Ha, 99.416 ha).

Land use /land cover information derived from IRS LISS-III 2021, 2022 & 2023 (Table 2). Area statistic of each land use /land cover category were generated in GIS software and has been determined to analyze change in their spatial distribution. By comparing the land use/land cover maps, a change detection map has been generated in smart GIS software to assess the major changes in the Mines area **Hinouti & Sijhatta Lime Stone Mine (772.067 Ha, 99.416 ha).**

Table - 2 Hinouti & Sijhatta Lime Stone Mine Land use Details (772.067 Ha, 99.416 ha) (Fig.1,2 & 3)

Description	2021 (Area In Ha)	2022 (Area In Ha)	2023 (Area In Ha)
<i>Crop Land</i>	4.4034	6.9873	6.9873
<i>Agriculture-Fallow</i>	632.2615	627.3555	625.4855
<i>Built up Land</i>	53.8391	54.7602	54.9121
<i>Dumping Land</i>	6.3650	6.9400	7.3158
<i>Limestone Quarry</i>	114.4890	115.5595	116.0687
<i>Solar Power Panel</i>	21.2207	21.2207	21.2207
<i>Water Body</i>	8.7948	8.7948	9.2059
<i>Afforestation Land</i>	30.1095	29.8650	30.2870
Total	871.483	871.483	871.483

2.10.2. Mendhi Lime Stone Mine (117.594 Ha).

Land use /land cover information derived from IRS LISS-III 2021, 2022 & 2023 (Table 2). Area statistic of each land use /land cover category were generated in GIS software and has been determined to analyze change in their spatial distribution. By comparing the land use/land cover maps, a change detection map has been generated in smart GIS software to assess the major changes in the Mines area **Mendhi Lime Stone Mine (117.594 Ha).**

Table - 3 Mendhi Lime Stone Mine Land use Details (117.594 Ha). (Fig.4, 5 & 6)

Description	2021 (Area In Ha)	2022 (Area In Ha)	2023 (Area In Ha)
<i>Crop Land</i>	4.0231	3.6853	3.6808
<i>Agriculture-Fallow</i>	99.0252	100.0569	99.3934
<i>Built up Land</i>	4.5268	4.5819	4.7912
<i>Dumping Land</i>	0.7238	0.81327	0.9733
<i>Limestone Quarry</i>	3.6971	3.9429	4.2416
<i>Afforestation Land</i>	5.598	4.5137	4.5137
Total	117.594	117.594	117.594

2.10.3. Land Use/Land Cover Map Of Buffer Zone with 10 Sq.km. (772.067 Ha, 99.416 ha & 117.594 ha)

Land use /land cover information derived from IRS LISS-III 2020, 2021 & 2023 (Table 2). Area statistic of each land use /land cover category were generated in GIS software and has been determined to analyze change in their spatial distribution. By comparing the land use/land cover maps, a change detection map has been generated in smart GIS software to assess the major changes in the Mines area.

Table - 3 Land Use Details of Buffer Zone Hinouti & Sihhatta Mines 772.067 Ha, 99.416 ha & 117.594 ha (Fig. 7, 8 & 9)			
Description	2021 (Area in Ha)	2022 (Area in Ha)	2023 (Area in Ha)
Cement plant unit II Boundary	116.8283	116.8283	116.8283
Agriculture Fallow	39046.7118	38935.7413	38858.3309
Dense Forest	1696.36692	1696.3669	1696.3669
Lime Stone Quarry	118.1862	119.5024	124.9645
Open Scrub	2056.7392	2103.0081	2138.6382
Plantation	364.4824	367.2455	370.0884
River/Water Body	1,258.9811	1273.6135	1268.4563
Waste Land	15.3318	15.3318	15.3318
Solar Power Panel Area	33.77038	33.7703	33.7703
Crop Land	207.2149	246.8293	253.8772
Plant Area	17.5111	17.5111	17.5111
Reserved Forest	336.5917	336.5917	336.5917
Open Mix Jungle	136.7960	136.7960	136.7960
Other Quarry Land	361.5830	361.5830	373.6997
Afforestation	34.132653	34.4534	34.950145
BUILT UP LAND	3687.7487	3693.1390	3707.8936
Road	49.5155	49.5155	49.5155
Dumping Land	96.58963	97.25415	101.4707
TOTAL	49635.0813 Ha	49635.0813 Ha	49635.0813 Ha

3. Conclusion

The Present study reveals that mining and industrial activities around Prism Johnson Ltd. are the main forces responsible for land use land cover change during years from commencement of their operation. The mining has increased manifold that has resulted in change land use in terms of cultivated land and water bodies in the area.

Exploitation on natural resource in the area is going on due to the expansion of limestone mining activities, and other industrial activities. This report focuses on LU/LC changes in the Mine lease areas and buffer areas in and around to Prism Johnson Limited, Satna India, using remote sensing data and GIS technology. Our results clearly show that LU/LC changes were summarized during the period of **2021, 2022 & 2023 in the Table no-3**. On the other hand there is minor change in agricultural area, water spread area, and forest areas. This study clearly indicates the significant impact of environmental and its development activities on LU/LC change. This study proves that integration of GIS and remote sensing technologies is effective tool for change detection. The quantification of LU/LC changes of Prism Johnson Ltd. area is very useful for environmental management groups, policy makers and for public to better understand the surrounding.

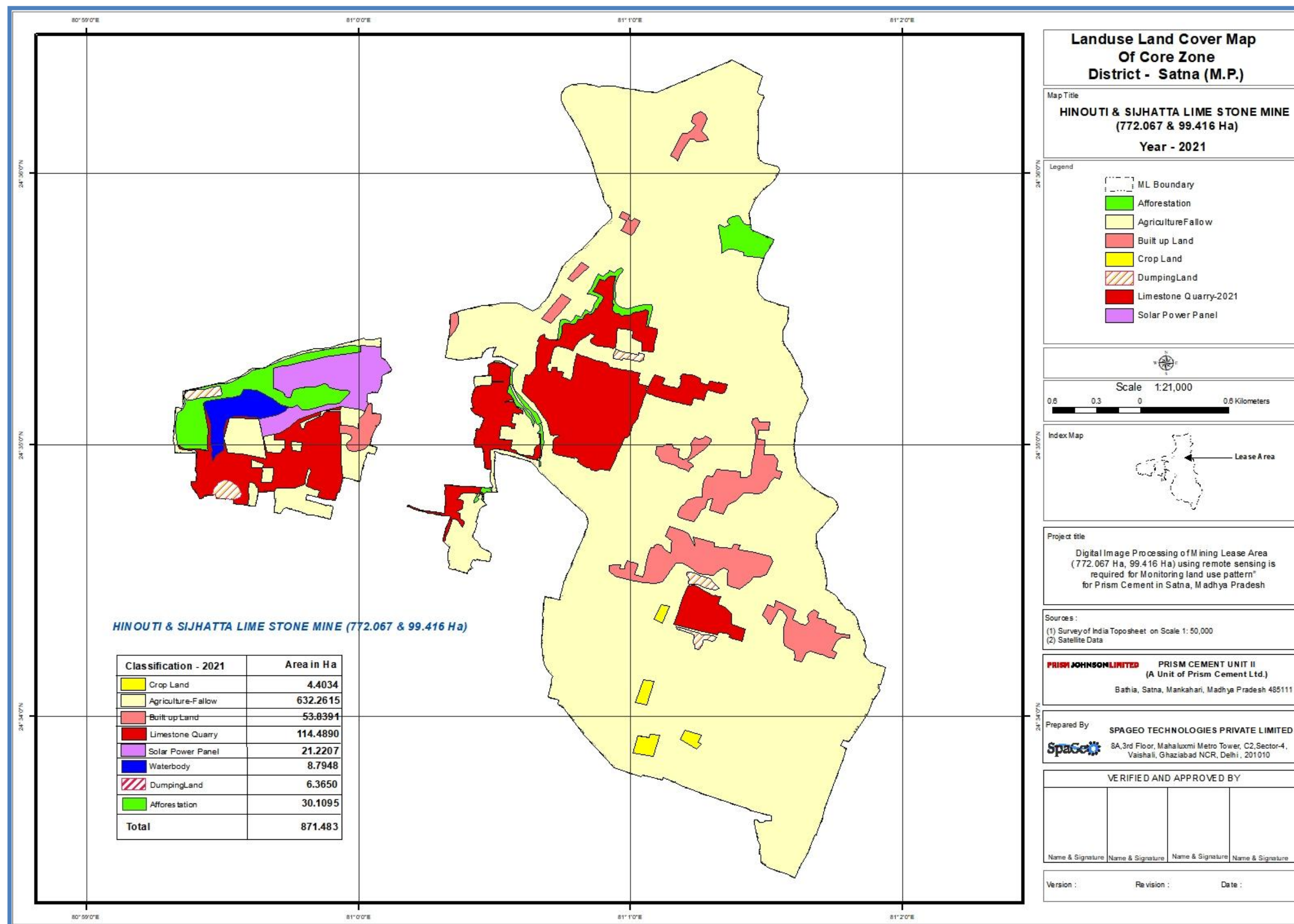


Fig:- 1 Hinouti & Sihhatta Lime stone Mine Land use Details 2021 (772.067 Ha, 99.416 ha)

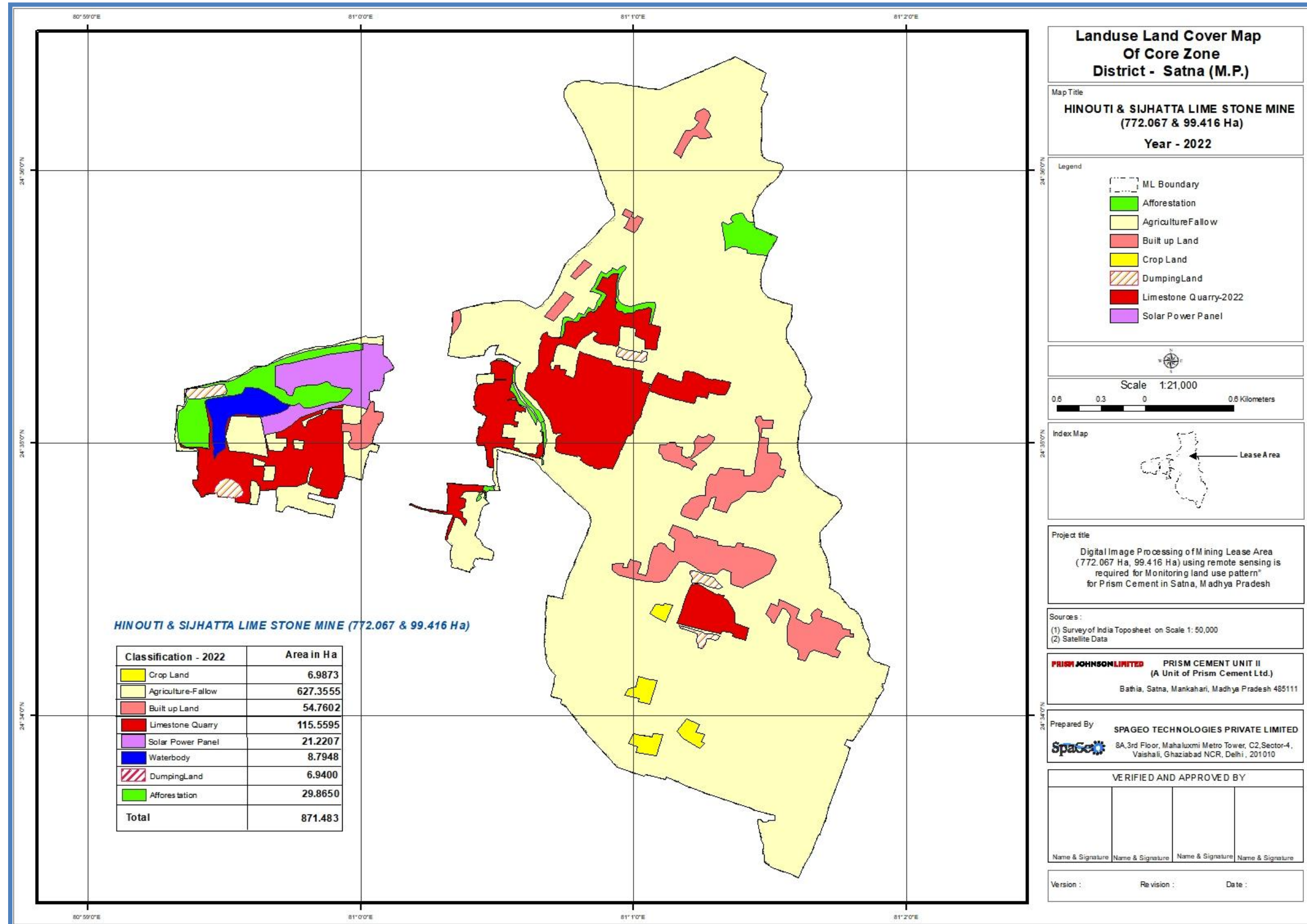


Fig:-2 Hinouti & Sijhatta Lime stone Mine Land use Details 2022 (772.067 Ha, 99.416 Ha)

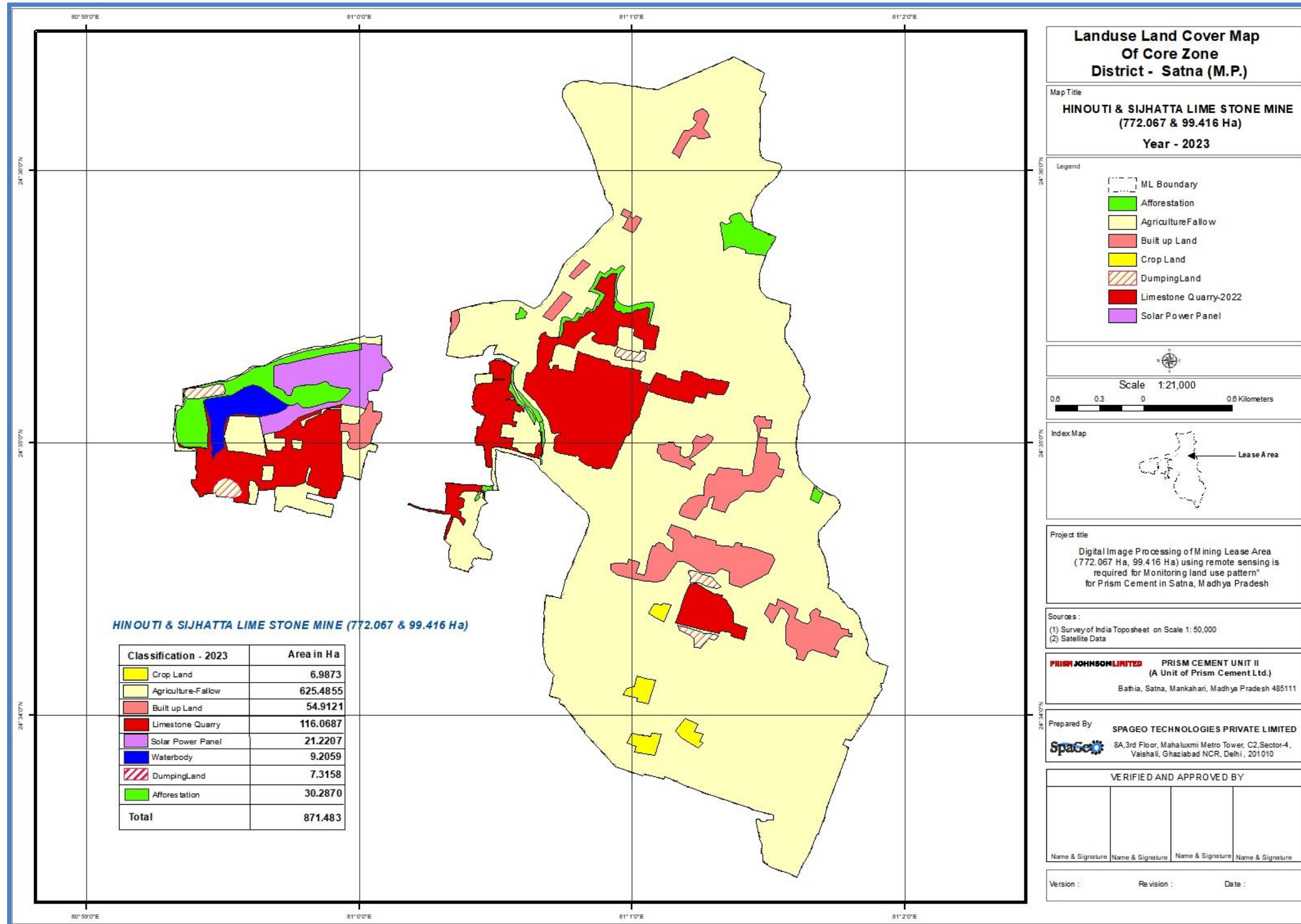


Fig:- 3 Hinouti & Sihhatta Lime stone Mine Land use Details 2023 (772.067 Ha, 99.416 Ha)

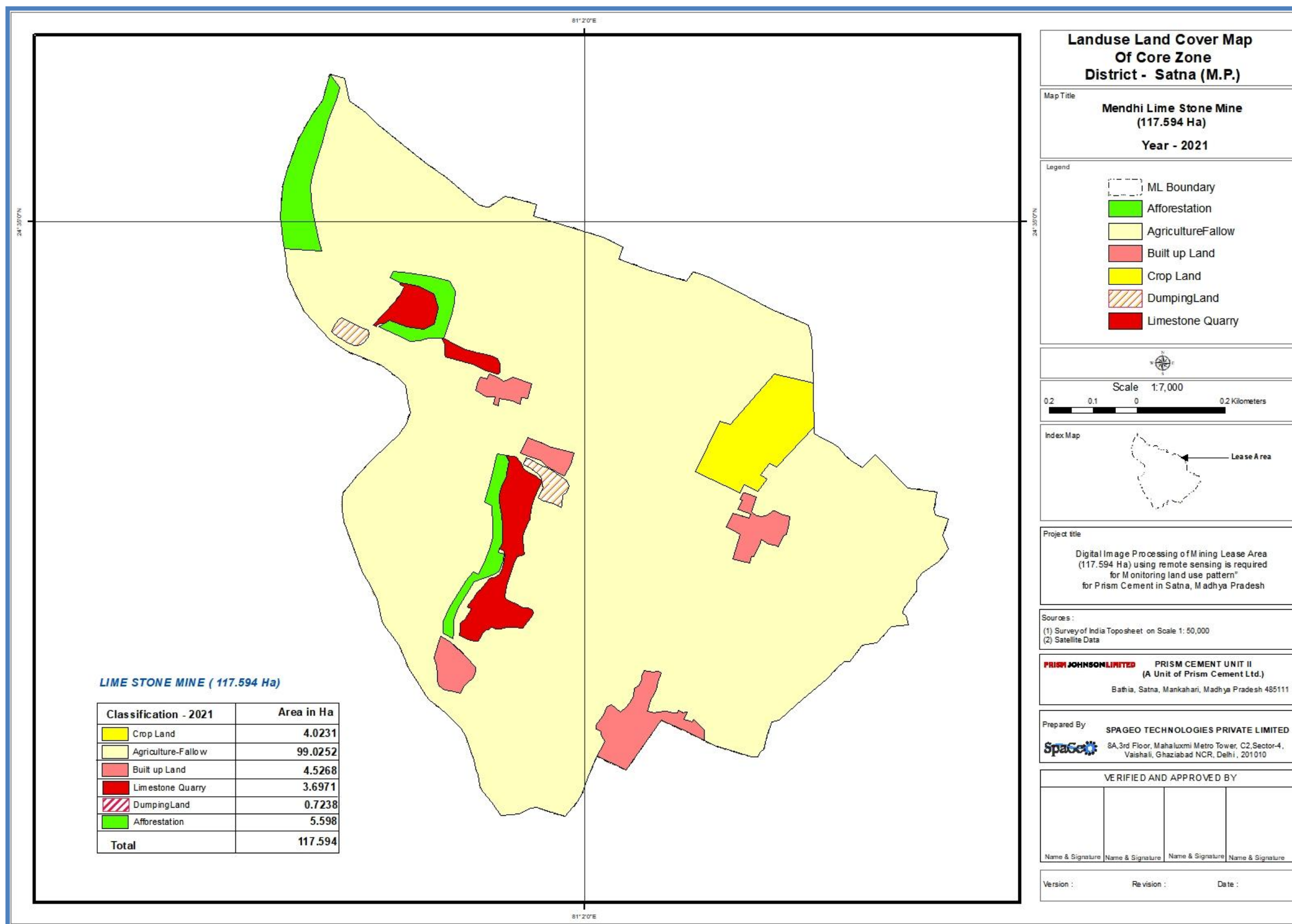


Fig:- 4 Mendhi Lime stone Mine Land use Details 2021 (117.594 Ha)

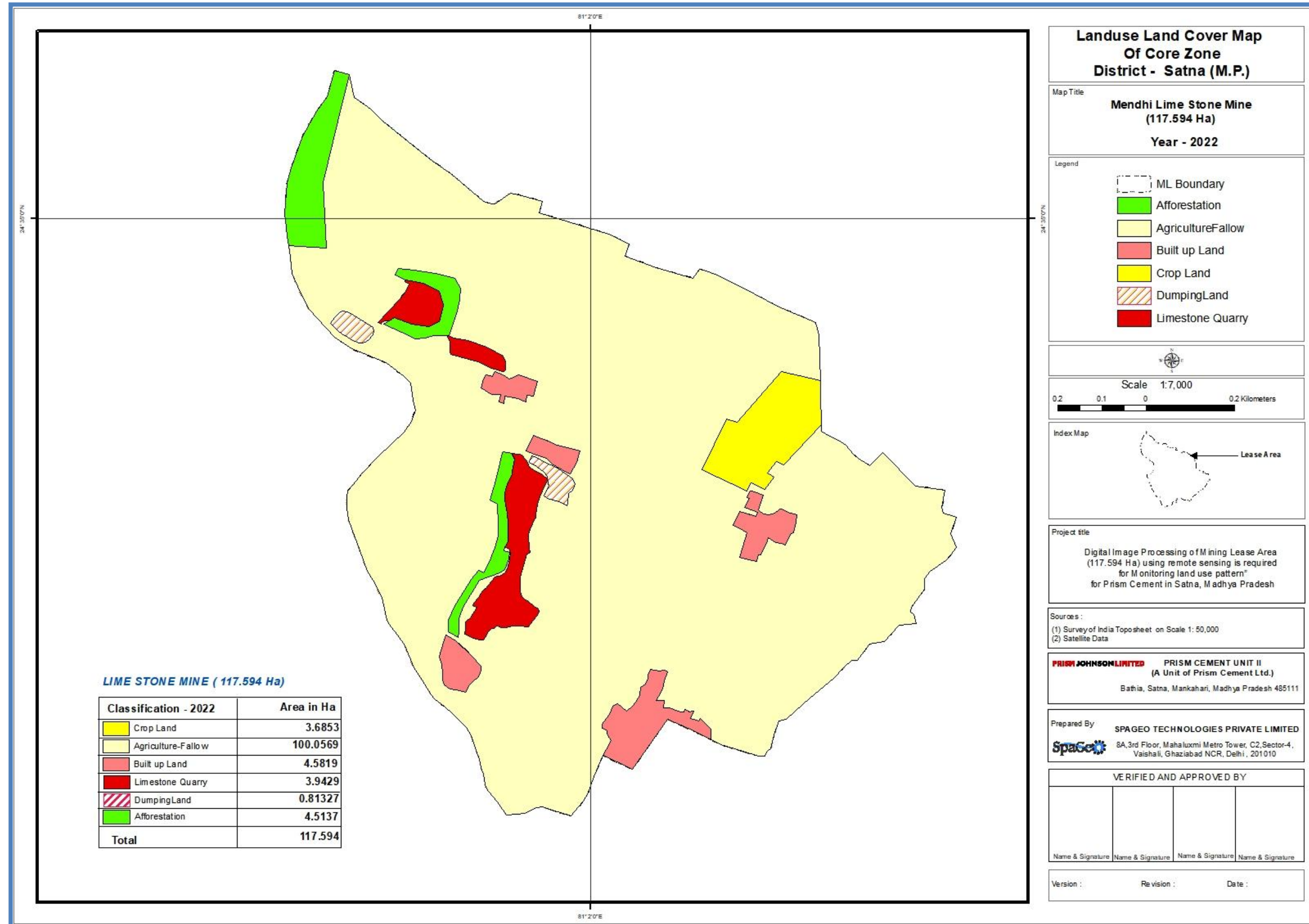


Fig:- 5 Mendhi Lime stone Mine Land use Details 2022 (117.594 Ha)

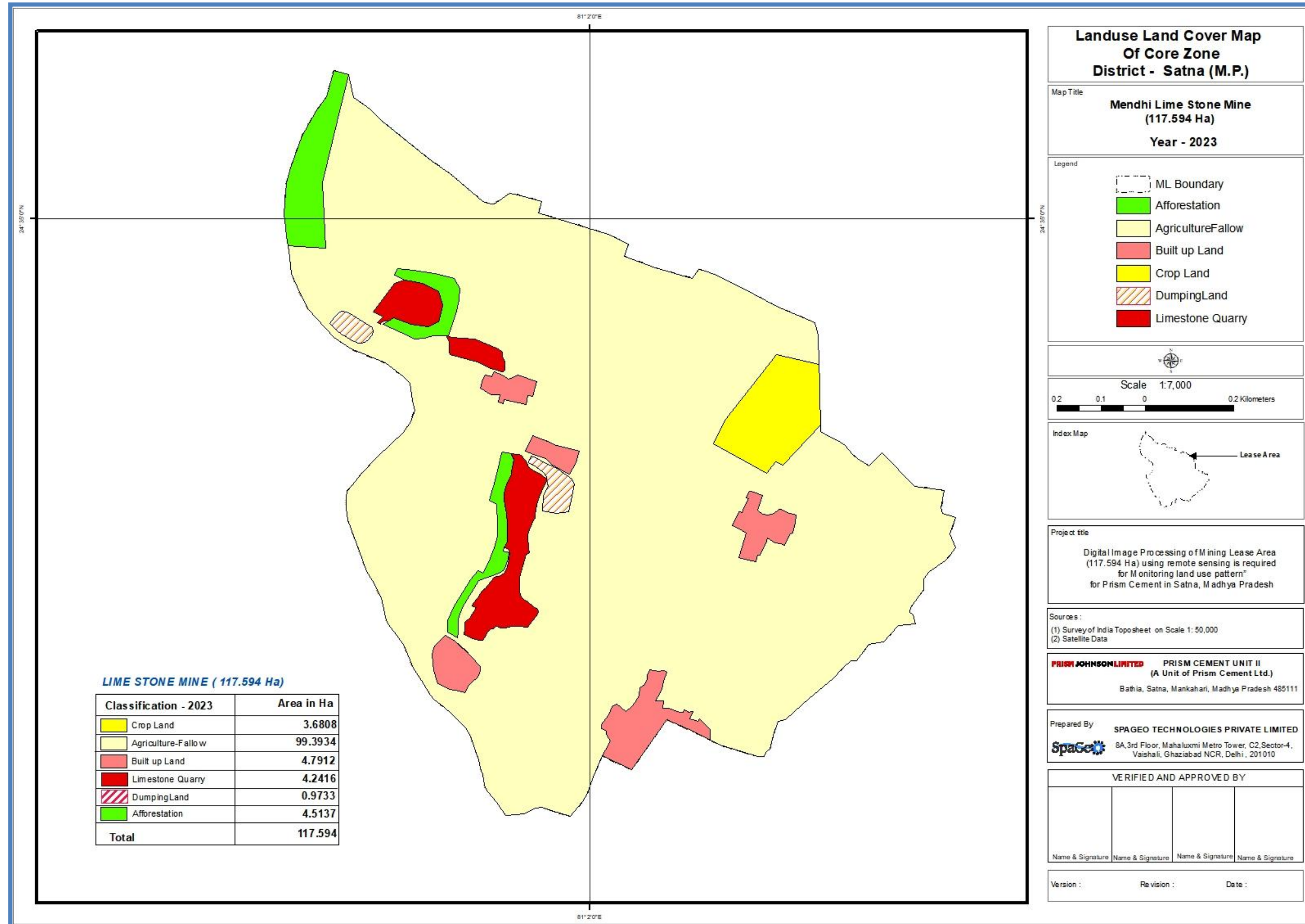


Fig:- 6 Mendhi Lime stone Mine Land use Details 2023 (117.594 Ha)

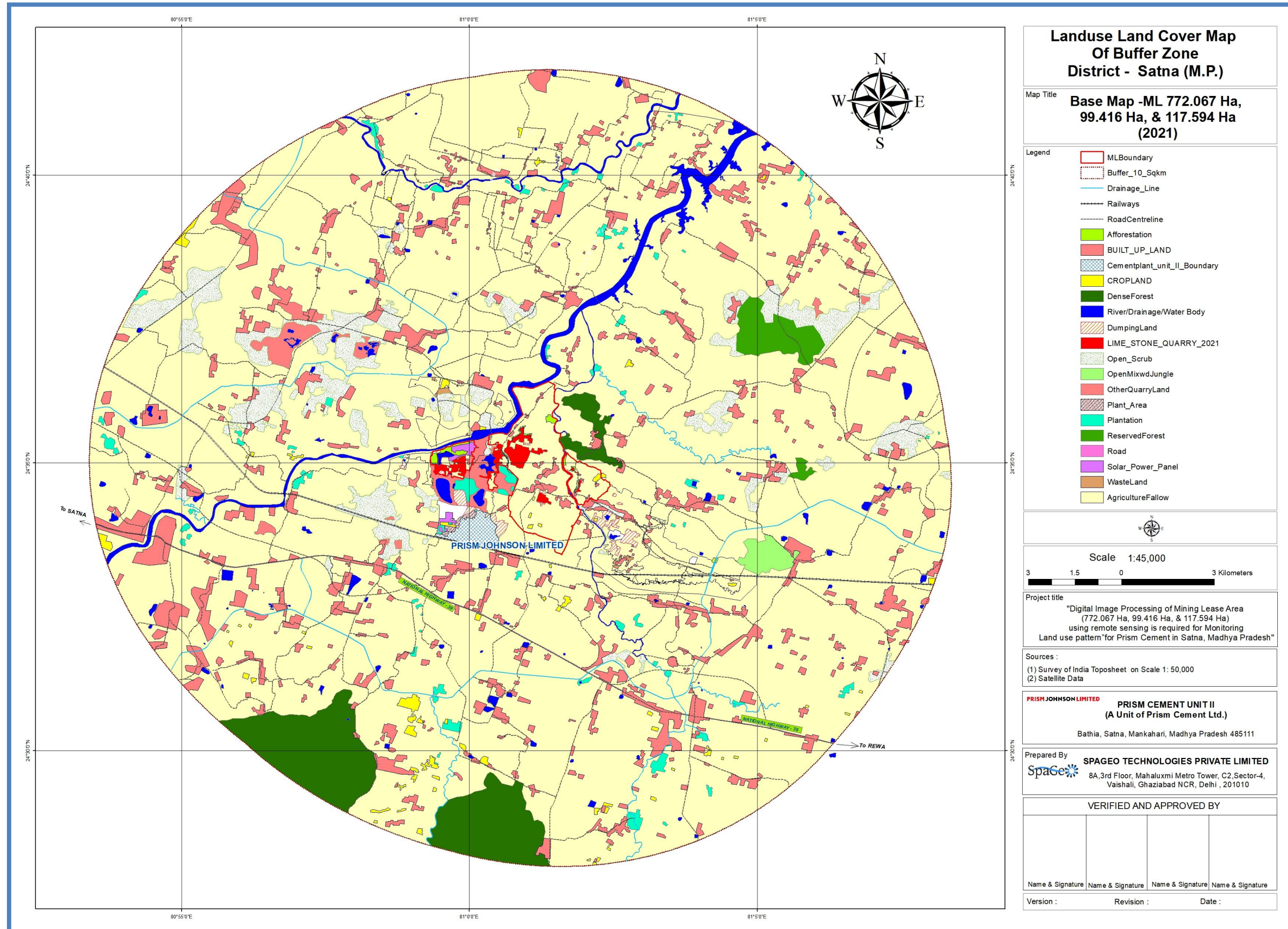


Fig: 7 Hinouti & Sijhatta and Mendhi Land use/Land Cover Map Of Buffer Zone-2021 (772.067 Ha, 99.416 Ha, 117.594Ha)

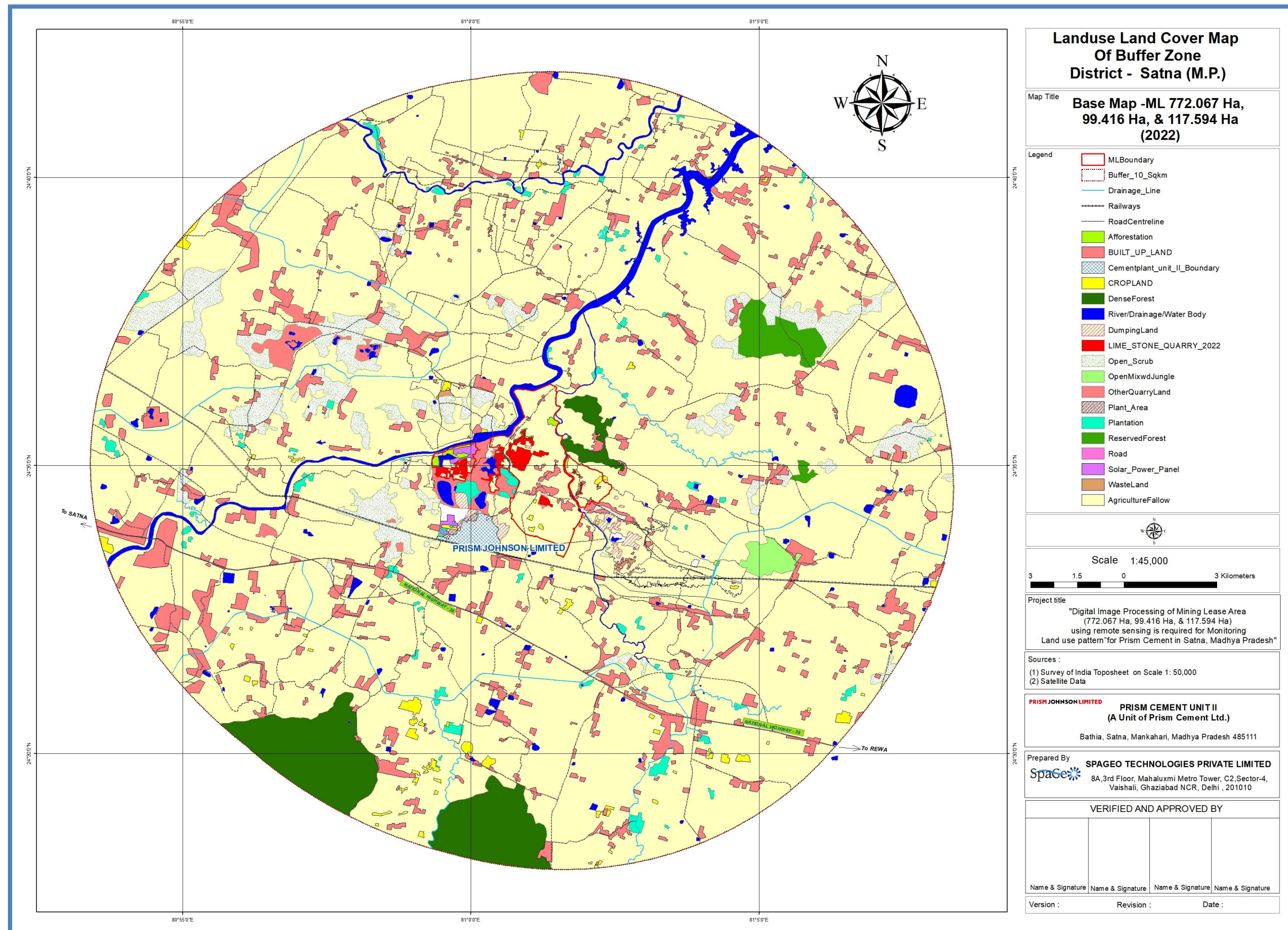


Fig: 8 Hinouti & Sijhatta and Mendhi Land use/Land Cover Map Of Buffer Zone-2022 (772.067 Ha, 99.416 Ha, 117.594Ha)

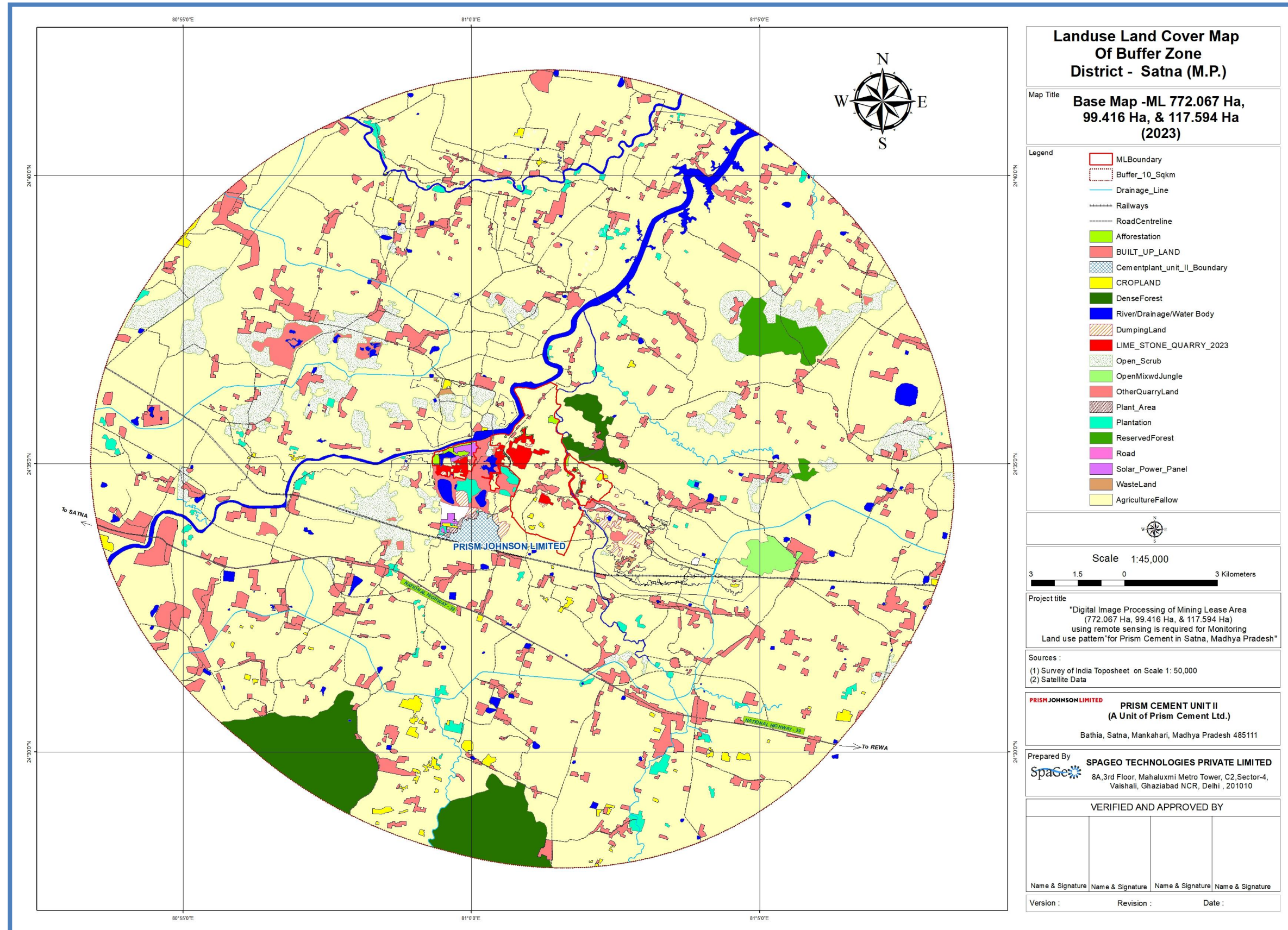


Fig: 9 Hinouti & Sijhatta and Mendhi Land use/Land Cover Map Of Buffer Zone-2023 (772.067 Ha, 99.416 Ha, 117.594Ha)



STATUS OF COMMITMENTS MADE DURING PUBLIC HEARING ON 22.05.2008

S.No .	Name of Candidate	Suggestions & Points Raised	Reply of Project proponent	Present Status
1	Mrs. Guddi Devi, Chairperson "Garib Sangh Samiti" Bamhauri, Satna	a) Admission on merit and free of fee for admission.	Provision for proper facilities will be considered.	Admission is given to the students of surrounding villages as per availability of seats and guidelines of the company. 25% seats have been reserved in the School for local villagers. Present strength of local students from surrounding villigages is 37%
		b) Plantation to be done from plant gate to Mahuracch Junction.	Agreed, plantation will be done during rainy season.	Plantation has been done on road side and around the Mankahari pond. Every year we distribute plantation to villagers and also do planation in surrounding areas. Photographs of roadside plantation is given below:
		 		
		c) Street light facility from plant gate to Mahuracch junction.	Work will be taken up by the management as per financial position of the company.	10 nos of Street lights up to Mahuracch junction is installed. Photographs of the solar lights are given Below
		    		

				
		d) Permanent employment to affected person.	Employment will be granted as per rules and regulations of company.	Employment and other facilities are being provided to affected persons as per a requirement and eligible criteria
2	'Sarpanch' village Panchayat - Bathia, Satna	Employment to local villagers of Bamhauri	Employment will be granted as per rules and regulations of company.	Currently More than 80% employment has been given to local residents of MP. Preference is being given to the locals based of their eligibility and skills. Moreover, company conducts skill development programs in area of driving, beautician, stitching, bag making, agarbatti making, candle making etc. The company extends support for formation self help groups & in obtaining benefit of Govt/ Non Govt. schemes.
3	Mithilesh - (Student) Bamhauri, Satna	Appeal of Pollution Control Industry	All pollution control acts will be complied with	All due provisions have been made to combat pollution likely to be caused. Details of APCE's are as under 1. Raw mill/kiln - RABH (1) 2. Cooler - ESP (1) 3. Coal Mill - Bag House (1) 4. Cement mills - Bag House (2) 5. 114 Bag filters installed to cover all the transfer points. 6. Arrangement of water sprinkling at crusher hopper and limestone conveyor belt.

				7. Water Sprinkling on haul roads through tankers. 8. Greenbelt_plantation has been done as per EC condition
4	Mr. Triloki Singh Baghel, Village - Bamhauri, Satna	a) Priority to employment for eligible persons.	Employment will be granted as per rules and regulations of company.	Employment is being given to eligible persons as per the requirement. Moreover, company conducts skill development programs in area of driving, beautician, stitching, bag making, agarbatti making, candle making etc. The company extends support for formation self help groups & in obtaining benefit of Govt/ Non Govt. schemes.
		b) Construction of stadium in the ground of Higher Secondary School.	Action will be taken.	The construction Stadium is complete now and the a photograph is enclosed below. Apart from that all the play grounds of the nearby villages has been developed. Fewo pictures of the stadium is enclosed below
				



		c) Permanent water & electricity supply in school.	Adequate action will be taken	Water & Electricity supply are available at school.
		d) Admission for village children to Prism Bhawan School.	Admission will be granted as per rules and regulation of company.	Admission is being given to village students as per availability of seats.
		e) To & Fro school bus facility to Satna for the students of villages.	Provision for proper facilities will be considered.	School bus service has been provided to students commuting between Satna to School.
		f) Distribution of sports material to Panchayat.	Adequate action will be taken.	Study and sports materials are being distributed to village students regularly thorough panchayat.
5	Mrs. Kalawati Singh, Bamhauri, Satna	Provision of facilities from Prism Cement for the land sellers to company	Adequate action will be taken as per rules & regulation of company.	All the possible services are being provided to land losers like Medical, Skill development, help in formation of self help group, loan from govt schemes and employments as per eligibility and requirement free of cost.
6	Mr. Ajit Khureshi, National Civil Human Right Association, Country Head Quarter Delhi, Camp Satna.	Point raised on possible pollution and consequent impact of pollution.	All pollution control acts will be complied with	Regular monitoring of all the pollutants are conducted regularly as per the statutory guidelines and permissions. All the parameters are kept well within the prescribed limit. The reports of the same are shared regularly with the concerned authorities. All due provisions have been made to combat pollution likely to be caused. Details of APCE's are as under 1. Raw mill/kiln - RABH (1) 2. Cooler - ESP (1)

				3. Coal Mill - Bag House (1) 4. Cement mills - Bag House (2) 5. 114 Bag filters installed to cover all the transfer points. 6. Arrangement of water sprinkling at crusher hopper and limestone conveyor belt. 7. Water Sprinkling on haul roads through tankers. 8. Greenbelt plantation has been done as per EC condition
7	Mr. Shankar Singh, Rtd. Commissioner, (Milk & Dairy Dept), 31 Rachna Nagar, Bhopal	Employment should be provided to effected villagers.	Employment will be granted as per rules & regulations of company.	Currently More than 80% employment has been given to local residents of MP. Preference is being given to the locals based of their eligibility and skills. Moreover, company conducts skill development programs in area of driving, beautician, stitching, bag making, agarbatti making, candle making etc. The company extends support for formation self help groups & in obtaining benefit of Govt/ Non Govt. schemes.
8	Mr. Ramadhar Prasad, Sarpanch, Village - Hinauti, Satna	Necessary assistance & help will be extended by him for the establishment of industry with the protection of environment from pollution	Thanks & All pollution control acts will be complied with	
9	Sarpanch, Village Panchayat - Mankahari, Satna	Expressed his consent to establish the industry	Thanks & Agreed	
10	Sarpanch, Village Panchayat - Sijahata, Satna	Expressed his consent to establish the industry	Thanks & Agreed	
11	Sarpanch, Village Panchayat - Sijahata, Satna	Suggested to plant 10000 saplings, seek help to improve health, sanitation facilities in villages and employment for educated persons.	Agreed, Plantation will be done during rainy season, health, sanitation and employment will be considered as per rules and regulation of company.	Improving green cover in and around plant premises is always company's utmost priority. Saplings are also distributed to village students to promote plantation & to make awareness. 608130 nos of plantation has been done in plants and mines, in addition to this 439422 nos of plant has been planted and distributed in surrounding villages and available barren areas. Villagers seeking medical attention also have easy access to medical centre of Prism Cement Plant free of cost. Apart from this, free medical camps are

				also being regularly organised in nearby villages. Employment is given as per eligibility and requirement. At presesnt at the beginning of this financial year more than 50% work force is local.
12	Mr. Diwakar Pd. Mishra , Mr Shankhadhar Mishra Panch - Village Bamhauri, Satna	Expressed his consent to establish the industry	Thanks & Agreed	-----
13	Mr. Sobha Nath Tiwari, Village - Bamhauri, Satna	Plantation to be done on road side & water spraying on roads.	Agreed.	Plantation is in continuous practice. Saplings are also distributed to villagers. Dedicated water tanker has been engaged on regular basis for water sprinkling roads with higher traffic density
14	Mr. Tejpal Singh Parihar & Mr Shankhadhar Mishra, Village - Hinauti, Satna	Eradication of diseases & pollution from village Hinauti.	Best efforts and assistance will be extended.	Medicals camps and other awareness programmes are being organised by the company.
15	Mr. Ramesh Kumar Tiwari & Sarpanch Village Mankahari, Satna	Expressed his consent to establish the industry	Thanks & Agreed	-----
16	Mr. Girija Prasad Tiwari & Others, Village Panchayat Baghai.	Improvement in tree plantation, health, education, drinking water, employment & setting up of worship places.	All demands will be considered as per rules and regulations of company.	Plantation is in continuous practice. Saplings are also distributed to villagers. Villagers seeking medical attention also have easy access to medical centre of Prism Cement Plant. Apart from this, free medical camps are also being regularly organised in nearby villages. Study materials, bags, uniforms etc. are being distributed to the students of nearby villages. Free drinking water is being supplied through tankers during summer season as per requirement. Renovation of Jabala Baba Temple, construction of Ghat and Yagya Shala has been done by the company.



दूर की सोच

दिनांक: 15.02.2022

प्रति,

सरपंच महोदय
ग्राम पंचायत मनकहरी
रामपुर बाघेलान, जिला सतना (म.प्र.)

विषय: सामाजिक उत्तरदायित्व के तहत सरदार वल्लभभाई पटेल स्टेडियम मनकहरी में कराये गये निर्माण कार्यों की सुपुर्दगी बावत।

महोदय,

प्रिज्म जॉनसन लिमिटेड मनकहरी द्वारा सामाजिक उत्तरदायित्व के तहत ग्राम पंचायत मनकहरी में स्थित सरदार वल्लभभाई पटेल में निम्न निर्माण कार्य कराये गये हैं-

1. पवेलियन का निर्माण (मंच, प्रसाधन एवं हाल)
2. 02 मिनी गैलरी का निर्माण
3. स्वागत गेट मय दरवाजा का निर्माण
4. मैदान के चारों तरफ बाउण्ड्रीवाल का निर्माण
5. पीने के पानी हेतु बोरवेल सबमर्सिबल पम्प के साथ

प्रिज्म जॉनसन लिमिटेड द्वारा उक्त निर्मित सुविधायें आज से ग्राम पंचायत मनकहरी को सुपुर्द की जाती हैं।

कृपया प्राप्ति विवरण प्रदान करें।

धन्यवाद

for

भवदीय

वास्ते प्रिज्म जॉनसन लिमिटेड

देवेन्द्र मिश्रा

एजीएम. सीएसआर एंड पब्लिक रिलेशंस

ज.प. बाघे

Prady

ग्राम पंचायत मनकहरी
ज.प. रामपुर बाघे, जिला सतना (म.प्र.)

PRISM JOHNSON LIMITED

(FORMERLY PRISM CEMENT LIMITED)
(Cement Division)

Works: Village Mankahari, P.O - Bathia, Dist. Satna - 485 111 (M.P.) India T. +91-07672-275301 / 302600

Corres. Add. - 'Rajdeep', Rewa Road, Satna - 485 001 (M.P.) India. T. +91-07672-402726

Registered Office: Prism Johnson Limited, 305, Lakmi Niwas Apartments, Ameerpet, Hyderabad - 500 016, India.

www.prismjohnson.in, www.cement.prismjohnson.in, E: info@prismjohnson.in

CIN: L26942TG1992PLC014033



कार्यालय ग्राम पंचायत - मनकहरी

जनपद पंचायत- रामपुर बाघेलान, जिला - सतना (म.प्र.)

प्रधान

श्री रामनाथ साकेत

मोबा. : 8982629350, 9685700159



निवास : ग्राम- मनकहरी

पोस्ट- बठिया (रामवन)

तहसील- रामपुर बाघेलान

जिला - सतना (म.प्र.)

क्रमांक

दिनांक

दिनांक: 23.02.2022

प्रति,

प्रिज्म जॉनसन लिमिटेड
मनकहरी, सतना (म.प्र.)

विषय: सामाजिक उत्तरदायित्व के तहत सरदार वल्लभभाई पटेल स्टेडियम मनकहरी में कराये गये निर्माण कार्यों की सुपुर्दगी बावत।

महोदय,

प्रिज्म जॉनसन लिमिटेड मनकहरी द्वारा सामाजिक उत्तरदायित्व के तहत ग्राम पंचायत मनकहरी में स्थित सरदार वल्लभभाई पटेल में निम्न निर्माण कार्य कराये गये हैं-

1. पवेलियन का निर्माण (मंच, प्रसाधन एवं हाल)
2. 02 मिनी गैलरी का निर्माण
3. स्वागत गेट मय दरवाजा का निर्माण
4. मैदान के चारों तरफ बाउण्ड्रीवाल का निर्माण
5. पीने के पानी हेतु बोरवेल सबमर्सिबल पम्प के साथ

ग्राम पंचायत मनकहरी प्रिज्म जॉनसन लिमिटेड का उक्त सुविधायों के निर्माण के लिये हृदय से आभारी है। आशा करता है भविष्य में भी ऐसे समाजोपयोगी कार्यों हेतु कंपनी का सहयोग प्राप्त होता रहेगा।

धन्यवाद

भवदीय

रामनाथ साकेत
ग्राम पंचायत मनकहरी
रामपुर बाघेलान, जिला सतना (म.प्र.)



M.P. Pollution Control Board

E-5, Arera Colony Paryavaran Parisar, Bhopal - 16 MP Tele : 0755-2466191, Fax-0755-2463742



Consent Order

RED-LARGE

CCA-Renewal

PCB ID: 13880

Order No: 122570, 17/04/2025

Consent No: AW-62064

The Occupier,

M/s. Prism Johnson Ltd. (Cement Division Unit- II),

Village - Mankahari, P O Bathia, Mankahari,

Tal : Rampur Baghelan, Dist : Satna (M.P) – 485111.

Subject: Grant of Renewal of Consent to Operate under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

Ref: Renewal of Consent to Operate Application R. No. 1403298 Dt. 05/03/2025 and last communication received on Dt. 25/03/2025.

With reference to your above application for renewal of consent to operate has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed to grant consent up to **30/06/2026**, subject to the fulfillment of the terms & conditions, enclosed with this letter and-

SUBJECT TO THE FOLLOWING CONDITIONS :-

- Location:** Village - Mankahari, P O Bathia, Mankahari, Tal : Rampur Baghelan, Dist : Satna (M.P) – 485111.
SIDC : I/A Bamori Mankahari, Latitude : 24.5642 Longitude : 80.9991
- The capital investment in Crs:** Rs. 1426.44
- Product & Production Capacity Per Year:**

Product	Production Capacity
Cement	6.70 million TPA (Six point Seven million ton per year)
Clinker	3.0 million TPA (Three million metric ton per year)
Electricity From DG Set (1 X 6 MW)	6.0 MWH

Note:-

- For any change in above industry shall obtain fresh consent from the board.
- The Industry is permitted for Co-Processing of Hazardous wastes (in cement kiln as per the Guidelines and SOP issued by the CPCB) of such type, quantity and conditions mentioned in authorization issued to the industry under Rule -9 of Hazardous and other Waste (Management & Transboundary movement) Rules 2016, granted vide this office order outward no 115350 dated 15-12-2023.
- Housekeeping near fly ash handling area and raw material handling area shall be improved & a system evolved to ensure good housekeeping inside the plant premises on continuous basis.

The Validity of the consent is up to **30/06/2026** and has to be renewed before expiry of consent validity. Online application through XGN with annual license fees in this regard shall be submitted to this office 6 months before expiry of the consent. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

Enclosures:-

- * Conditions under Water Act, 1974
- * Conditions under Air Act, 1981
- * General conditions.

By the order of Chairman, MPPCB

ACHYUT ANAND MISHRA
Member Secretary



(Organic Authentication on AADHAR from UIDAI Server)
TPAV # 9EXNV43MUF

CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974 :-

1. The daily quantity of trade effluent of the unit shall be **Nil**, and the daily quantity of sewage of the unit shall not exceed **200 KLD**.

For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable.

2. Sewage Treatment :- The applicant shall O&M Sewage Treatment System properly to achieve following standards-

pH	Between	5.5 – 9.0
Suspended Solids	Not exceed	100 mg/l.
BOD ₅ Days 27 °C	Not exceed	30 mg/l.
COD	Not exceed	250 mg/l.
Oil and grease	Not exceed	10 mg/l.
fecal coliform	Not exceed	1000 MPN/100 ml

*** The operator of the STP shall comply with the standards notified vide G.S.R. 1265(E) under sections 6 and 25 of the Environment (Protection) Act, 1986 by the Ministry of Environment, Forest and Climate Change New Delhi dated 13th October, 2017 as per Hon'ble NGT Directions or Guidelines.**

3. The effluent shall be treated up to prescribed Standards and reuse in the process, for cooling and for green belt devolvement/gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of industry/unit premises.

4. Water meter preferably electromagnetic/ultrasonic type with digital flow recording facilities shall be installed separately for category wise consumption of water for Industrial cooling, mine spray, process & domestic purposes and data shall be submitted online through XGN monthly patrak/statements.

Sr	Water Code (Qty in KLPD)	WC : 1540	WWG : 200.000	Water Source	Remark
1	Cooling Water	1000	0.0	Mine Water	
2	Domestic Purpose	290	200	Borewell	Treated though STP
3	Plantation / Horticulture	250	0.0	Mine Water	Rain water stored in abonded mine pit

5. Any change in production capacity, process, raw material used etc. and for any enhancement of the above prior permission of the Board shall be obtained. All authorized discharges shall be consistent with terms and conditions of this consent. Facility expansions, production increases or process modifications which result new or increased discharges of pollutants must be reported by submission of a fresh consent application for prior permission of the Board.

6. All treatment/control facilities/systems installed or used by the applicant shall be regularly maintained in good working order and operate effectively/efficiently to achieve compliance of the terms and conditions of this consent.

7. The Consent does not authorize or approve the Construction of any physical structures or facilities or the undertaking of any work in any water course or within its high flood level (HFL) area.

8. The specific effluent limitations and pollution control systems applicable to the discharge permitted herein are set forth as above conditions.

9. Compilation of Monitoring data-

i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge. ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.

10. Recording of Monitoring Activities & Results-

i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.

ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:

- The date, exact place and time of sampling
- The dates on which analysis were performed
- Who performed the analysis?
- The analytical techniques or methods used and
- The result of all required analysis

iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.

iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.

11. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.

Consent No:AW-62064

12. Limitation of discharge of oil Hazardous Substance in harmful quantities:-

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

13. Limitation of visible floating solids and foam:

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.

14. Disposal of Collected Solid waste/sludge-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous & other waste (M&TM) Rules 2016. And/other Solids Sludges, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water Any live fish, Shall fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

15. Provision for Electric Power Failure-

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.

16. Prohibition of By pass system of treatment facilities-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except :

- where unavoidable to prevent loss of life or severe property damage, or
- Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

17. Industry management shall submit the information online through XGN in reference to compliance of consent conditions.

18. In case of any discharge found outside of unit premises the unit may be liable to pay environmental compensation as per NGT orders O.A. no 593/2017 dated 22.02.2021 and the industry shall be punishable or court case may be filed by the Board under provisions of the Water (Prevention & Control of Pollution) Act, 1974.

19. The industry shall obtain PLI policy under provisions of PLI Act, 1991; if applicable.

20. The storm water shall not be allowed to mix with effluent, treated sewage, scrubber water and/ or floor washing. The storm water within boundary limits of industry shall be channelized through separate drains as per natural gradient passing through high density polyethylene pits each having holding capacity of 10 minutes of rainfall for its catchment.

CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981 :-

1. The applicant shall operate and maintain air pollution control system to achieve the level of pollutants to the following standards:-

Name of section	Stack height(mtrs)	Fuel	Control equipment to be installed	P.M, SO ₂ , NO _x (mg/Nm ³)
Cement Mill	49	---	Bag Filter,	30,NA,NA
Coal Mill	65	---	Bag Filter,	30,NA,NA
Clinker Cooler Exit	50	---	E.S.P,	30,NA,NA
D.G. Sets (1x6 MWH)	58	F.O	acoustic enclosure,	As per MoEF, CC notification &CPCB guidelines
Raw Mill Kiln	110	Coal/Petcoke	Bag Filter,	30,700,800

2. The Ambient air quality norms are prescribed in MoEF gazette notification no. GSR/826(E), dated: 16/11/09. Some of the parameters are as follows:

- Particulate Matter (less than 10 micron) - 100 µg/m³ (PM10 µg/m³ 24 hrs. basis)
- Particulate Matter (less than 2.5 micron) - 60 µg/m³ (PM2.5 µg/m³ 24 hrs. basis)
- Sulphur Dioxide [SO₂] (24 hrs. Basis) - 80 µg/m³
- Nitrogen Oxides [NO_x] (24 hrs. Basis) - 80 µg/m³
- Carbon Monoxide [CO] (8 hrs. Basis) - 2000 µg/m³

3. The industry shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB(A) during day time and 70 dB(A) during night time.

4. Industry/Unit shall provide with each stack port hole with safe platform of 1 meter width with support & spiral ladder/ Stepped ladder with hand rail up to monitoring platform as per specifications given in part-III emission regulation of CPCB. In no case monkey ladder shall be allowed as stack monitoring facility.

5. The industry/unit shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.

6. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.

7. The industry/ unit shall ensure all necessary arrangements for control of odour nuisance from the industrial activities or process within premises.

Consent No:AW-62064

8. All the internal roads shall be made pucca to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.
9. Industry shall take effective steps for extensive tree plantation preferably the local tree species within or around the industry/unit premises for general improvement of environmental conditions.
10. Industry shall write name of the industry on stack with heat resistant paint.
11. The industry shall install Pneumatic Ash Handling System with Silo and proper Air Pollution Control Devices to ensure effective handling of Ash without causing any air pollution.
12. The industry shall install and maintain Online Continuous Emission Monitoring System (OCEMS) for particulate matter PM, SO₂, NO_x with Raw mill kiln, Clinker cooler exit & cement mill stack with remote calibration facility and connect the same with ESC, MPPCB Bhopal and CPCB for remote surveillance.
13. In case of emission found exceeding prescribed standards, the unit may be liable to pay environmental compensation as per NGT orders O.A. no 593/2017 dated 22.02.2021 and the industry shall be punishable or court case may be filed by the Board under provisions of the Air (Prevention & Control of Pollution) Act, 1981.
14. The industry shall obtain PLI policy under provisions of PLI Act, 1991; if applicable.
15. The industry shall provide pneumatic system for the handling of AFR and permitted the use of non hazardous waste as AFR/ raw material with annual maximum quantity as follows (as per CTE outward no 115822 dated 20-06-2022)

Sr. No.	Name of AFR	Quantity Per Annum	Sr. No.	Name of AFR	Quantity Per Annum
1.	Biomass	792000 MT	11.	ETP Bio solids from soft drink industry	2000MT
2.	Dolachar	10000 MT	12.	Spent carbon from soft drink ind	15000 MT
3.	FGD Gypsum	130000 MT	13.	Waste mix liquid	30000MT
4.	Jarosite (Non-Hazardous)	6000 MT	14.	WTP sludge from soft drink Industry	7500MT
5.	MSW/RDF waste	20000 MT	15.	Waste Mix Solid	10000MT
6.	Non-Haz FMCG waste	3500 MT	16.	Synthetic Gypsum	12000MT
7.	Rice Husk	396000 MT	17.	Carbon Black	18000 MT
8.	Tire Chips	26400MT	18.	Polythene /Plastic Waste/Pouches	2105 MT
9.	Waste cloths cotton waste	20000 MT	19.	Chemical Gypsum	75000 MT
10.	Carbide lime sludge	20650MT	20.	Chemical waste Gypsum	36000 MT

16. The industry is permitted to use Pet Coke-210000 MT/Annum as feed stock or in the manufacturing process.
17. The industry shall Update regularly & furnish the online monthly patrak through XGN separately for indigenous /imported pet coke showing the balance quantity at the start of month, quantity procured during the month, the quantity consumed during the month as feedstock or in the manufacturing Process and the balance quantity in the end of the month .
18. Arrangements shall be made for the covered storage of Coal/ Pet coke, laterite/bauxite/Red Ochre, Fly ash, Gypsum, Clinkers and AFR. In no case these raw materials shall be stored in open.
19. The industry shall maintain the record of co-processing, generation and disposal of the hazardous wastes in the pass book provided by the Board and same shall be produced before the officers of Pollution Control Board during inspection or visit.
20. The industry shall dispose the hazardous waste through co-processing as mentioned in the authorization as per SOPs of CPCB guidelines limited to the quantity authorised by the Board.
21. The industry shall strictly comply with directions issued by CPCB/SPCB/MoEFCC/Hon'ble NGT from time to time.

GENERAL CONDITIONS:

1. The non hazardous solid waste arresting in the unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

Non Hazardous Solid wastes:-

Type of waste	Quantity	Disposal
Scrap/ Plastic packing material wood, card board, gunny bags etc (if any)	Record should be maintained	Re-Use/Sale to M.P. Pollution Control Board's authorized party

2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:
- To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
 - To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
 - To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
 - To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
 - To sample at reasonable times any discharge or pollutants.
3. This consent is transferable in nature, in case of any change in ownership / management, the new owner / partner / directors / proprietor shall immediately apply for the consent with new requisite information.
4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorise any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.

Consent No. A W-62064

5. Industry shall install separate electric metering arrangement for running of pollution control devices and this arrangement shall be made in such fashion that any non functioning of pollution control devices shall immediately stop electric supply to the production and shall remain tripped till such time unless the pollution control device/devices are made functional.
6. This consent is granted in respect of Water pollution control Act 1974 and Air Pollution Control act, 1981 only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per there Act / Rules.
7. Balance consent fee, if any shall be recoverable by the Board even at a later date.
8. The applicant shall submit such information, forms and fees as required by the board not letter than 180 day prior to the date of expiration of this consent.
9. The industry/unit shall establish a separate environmental cell, headed by senior officer of the unit for reporting the environmental compliances. The industry/ Unit shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
10. Industry shall obtain membership of Emergency Response Center of the Board if needed.
11. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.
12. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to, the following :
 - (a) Violation of any terms and conditions of this Consent.
 - (b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
 - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.
13. On violation of any of the above-mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the industry.
14. The industry/unit shall also monitor the treated wastewater flow and report the same online through monthly patrak/statements.
15. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.
16. Ambient air quality at the boundary of the industry/unit premises shall be monitored and reported to the Board regularly on quarterly basis
17. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month.
18. The industry shall operate the Outdoor HD Industrial grade IP (Internet Protocol) Cameras with pan-Tilt-Zoom (PTZ) feature, minimum focal length 30X with night vision facility and temper proof mechanism at suitable location to display all emission sources and effluent discharge point shall be kept operational & in working order and connect the same with Environment Surveillance Centre of MP Pollution control board Bhopal for remote surveillance.
19. Industry shall ensure regular operation and maintenance of canyons water foggers installed in the plant. They must be kept in working condition at all times.

Advisory conditions:-

1. The management shall obtain valid NOC from Central Ground Water Board for extraction of ground water.(if applicable)
2. The management shall install Digital Water meter with digital flow recording facilities for measurement of ground water consumption and provide its connectivity with server of Environment Surveillance Centre, M P Pollution Control Board Bhopal for remote surveillance.
3. The management shall provide Rain water harvesting for ground water conservation and recycle treated waste water for plantation and flushing in consultation with expert agency if find suitable).
4. Potable drinking water shall be used for drinking purposes only.
5. Appropriate legal action shall be initiated in case of violation of above mentioned conditions by the competent authority.

Renewal of Consent as required under the Water (Prevention & Control of Pollution) Act, 1974, The Air (Prevention & Control of Pollution) Act, 1981 is granted to your industry subject to fulfillment of all the conditions mentioned above. For renewal purpose you shall have to make an application to this Board through XGN at least Six months before the date of expiry of this consent. The applicant without valid consent (for operation) of the Board shall not bring in to use any outlet for the discharge of effluent and gaseous emission.

By the order of Chairman, MPPCB
For and on behalf of

M.P. *Achyut Anand Mishra* Board

ACHYUT ANAND MISHRA
Member Secretary



(Organic Authentication on AADHAR from UIDAI Server)
TPAV # 9EXNV43MUF

Consent No:AW-62064

Ambient Air Quality Monitoring Report Month -March 2025

NAME & ADDRESS OF FACTORY :

PRISM JOHNSON LIMITED
VILLAGE : MANKAHARI
POST : BATHIA
DISTT. SATNA (M.P.)

NAME OF PERSON SENDING THE REPORT :

Ankita Singh Parihar

AMBIENT AIR QUALITY MONITORING :

I. DURATION :

8*3 = 24 HRS

II. DISTANCE FROM FACTORY :

LOCATION (1) - GUEST HOUSE

500 M

LOCATION (2) - NEAR STACKER

650 M

LOCATION (3) - NEAR ADMIN BUILDING

400 M

LOCATION (4) - NEAR STEEL YARD

450 M

III. WIND DIRECTION :

MENTIONED IN TABLE

Date	Location -1					Location -2					Location -3					Location -4					Wind Direction
	PM 10	PM2.5	SO2	NOX	CO	PM 10	PM2.5	SO2	NOX	CO	PM 10	PM 2.5	SO2	NOX	CO	PM 10	PM2.5	SO2	NOX	CO	
	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	µg/M3	
01.03.2025	58.53	26.63	14.17	23.53	BDL	54.30	28.42	15.19	25.42	BDL	60.46	28.87	13.88	22.92	BDL	59.48	27.39	12.15	20.22	BDL	SE
03.03.2025	53.69	25.51	13.50	22.06	BDL	55.85	27.36	14.58	25.00	BDL	55.48	27.85	13.25	24.27	BDL	54.65	26.31	11.04	21.57	BDL	SE
05.03.2025	43.84	22.05	12.15	21.57	BDL	49.94	24.69	15.46	24.27	BDL	44.98	25.00	14.17	23.53	BDL	44.95	28.73	12.15	20.80	BDL	SE
07.03.2025	58.49	25.06	13.88	24.27	BDL	53.10	27.50	14.17	26.24	BDL	62.01	31.36	13.50	22.06	BDL	56.40	28.12	13.25	22.24	BDL	SE
09.03.2025	55.33	27.29	11.04	21.03	BDL	59.60	30.95	13.88	25.42	BDL	57.90	31.67	12.15	23.11	BDL	55.05	24.23	13.25	24.27	BDL	NE
11.03.2025	52.32	28.42	13.50	23.11	BDL	50.09	29.70	15.19	25.00	BDL	56.45	32.09	12.15	22.24	BDL	56.75	23.30	11.04	20.80	BDL	SE
13.03.2025	59.18	29.49	14.17	24.27	BDL	58.11	30.76	14.58	25.17	BDL	64.05	31.42	13.88	23.53	BDL	61.00	29.81	13.25	22.65	BDL	SE
15.03.2025	61.10	33.41	13.88	23.37	BDL	51.03	34.82	14.17	26.29	BDL	65.52	35.08	13.25	22.92	BDL	63.00	32.66	12.15	21.57	BDL	SE
17.03.2025	49.30	31.48	15.19	25.42	BDL	57.26	33.31	15.46	27.73	BDL	53.10	34.88	14.17	24.27	BDL	51.08	32.20	13.50	23.53	BDL	SE
19.03.2025	54.96	32.18	14.58	25.00	BDL	52.28	33.85	16.25	26.96	BDL	59.63	33.98	13.88	23.11	BDL	55.54	33.27	13.25	22.92	BDL	SE
21.03.2025	44.91	35.17	14.17	24.27	BDL	51.66	36.17	14.58	27.50	BDL	50.05	37.83	13.50	23.92	BDL	45.80	35.91	12.15	23.53	BDL	NE
25.03.2025	50.58	34.57	13.25	22.92	BDL	56.16	35.89	15.19	25.62	BDL	55.28	36.24	14.17	23.37	BDL	51.25	35.17	13.50	21.57	BDL	SE
27.03.2025	64.06	21.18	13.88	23.53	BDL	58.81	22.98	15.46	25.88	BDL	66.22	23.34	14.17	24.27	BDL	67.40	21.36	13.25	23.11	BDL	NE
31.03.2025	61.22	20.01	14.58	25.17	BDL	58.56	24.27	16.20	26.29	BDL	64.06	24.89	13.88	23.53	BDL	63.29	21.00	14.17	24.27	BDL	SE


Sumitabh Dwivedi
Asst.General Manager- Environment
Prism Johnson Ltd. Satna (M.P.)


Manoj Kumar
Vice President
Prism Johnson Ltd. Satna (M.P.)



दूर की सोच

Ref: PJI/ENV/2025/F03/938

Date: 09.04.2025

To,
The Member Secretary
M.P. Pollution Control Board
Paryavaran Parisar
Sector E-5, Arera Colony
Bhopal – 462016 (M.P.)

Sub: Monthly Air / Water Quality Monitoring Reports of Prism Johnson Ltd Unit-II

Dear Sir,

We are herewith submitting monthly Air Quality Monitoring Report for Plant, Treated Effluent (from Sewage Treatment Plant) Quality Monitoring Report, Water Consumption, Noise Monitoring report & Performance Report of main air pollution control equipment & Sewage Treatment Plant, for the month of **March'2025**.

Thanking You
Yours Faithfully,
For PRISM JOHNSON LIMITED


 **Manoj Kumar**
Vice President

Encl: As above,
CC: Regional Officer, MPPCB, Satna

PRISM JOHNSON LIMITED

(Cement Division)



Works: Village Mankahari, P.O.-Bathia, Dist. Satna - 485 111 (M.P.) India T: +91-07672-275301 / 302600
Corres. Add.: 'Rajdeep', Rewa Road, Satna - 485 001 (M.P.) India. T: +91-07672-402726
Registered Office: Prism Johnson Limited, 305, Laxmi Niwas Apartments, Ameerpet, Hyderabad - 500 016, India.
w: www.prismjohnson.in, www.cement.prismjohnson.in, E: info@prismjohnson.in

CIN: L26942TG1992PLC014033

STACK MONITORING REPORT FOR CEMENT PLANT (UNIT-II)
MONTH - MARCH 2025

A. NAME & ADDRESS OF FACTORY

PRISM JOHNSON LIMITED
VILLAGE: MANKAHARI
POST : BATHIA
DISTT : SATNA (M.P.)

B. NAME OF PERSON SENDING THE REPORT

Ankita Singh Parihar

C. STACK DETAILS

	SECTION	STACK No.
1	RAW MILL + KILN	STACK 1
2	COAL MILL	STACK 2
3	COOLER	STACK 3
4	CEMENT MILL - 1	STACK 4
5	CEMENT MILL - 2	STACK 5

ATTACHED APCE
BAG HOUSE
BIG SIZE BAG FILTER
ESP
BAG HOUSE
BAG HOUSE

Sl. No.	Date	STACK No.	(CEMS) Monthly Avg.		(CEMS) Monthly Avg. (Monitered by continuous dust monitor)*	Level of PM (Monitored by Isokinetic sampling)
			SO2*	NOx*		
			Mg/Nm3	Mg/Nm3	Mg/Nm3	Mg/Nm3
1	12.03.2025	STACK- 1	92.05	377.94	14.70	18.74
2	12.03.2025	STACK-2	Not Applicable		13.14	21.78
3	16.03.2025	STACK- 3			6.21	14.33
4	20.03.2025	STACK- 4			12.77	15.77
5	20.03.2025	STACK- 5			14.91	16.21



Sumitabh Dwivedi
Asst.General Manager- Environment
Prism Johnson Ltd. Satna (M.P.)



Manoj Kumar
Vice President
Prism Johnson Ltd. Satna (M.P.)

**VIBRANT***"Experience the unimaginable"*

Sample Number : VTL/WW/04

TEST REPORT

TC-11227

M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -
Satna (M.P.)

Name & Address of the Party :

Sample Description : Waste Water

Sampling Location : Mines Workshop

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC1122725000000790F

Report No. : VTL/WW/2503280011/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 02/04/2025

Period of Analysis : 28/03/2025-02/04/2025

Receipt Date : 28/03/2025

Sampling Date : 27/03/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : --

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.49	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	23.2	mg/L	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 2023	894.0	mg/L	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/L	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 2023	11.0	mg/L	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2023	50.0	mg/L	250
7	Faecal coliform	APHA 24th Edition 9221 C: 2023	47	MPN/100 ml	---

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report

VIBRANT*"Experience the unimaginable"*

 Checked by

 RK Yadav
 Lab Incharge
 Authorized Signatory
 


Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/1

Term & conditions PTO

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Deotale Diagnostic Centre (we care)

Consultation Diagnostics Health Check- Ups Immunization.
Clinic: Vinayak Apt. 3rd floor Dhantoli Lokmat Chouk Nagpur
For any assistance call at . 9860204241, 0712-2424868
Email ID : deotaledeepak19577@gmail.com

MEDICAL CHECK-UP REPORT

SR NO.	4
Certificate No	7
EMP CODE	102178
Work Station /Grade	G
Designation	Mines Foreman
MOB NO	8109339836
CHECK-UP DATE	11-12-24

EMPLOYEES NAME: Ashok Kumar Tiwari Rishi Dev Tiwari

Gender: MALE Age : 52 Yrs Ht : 172 cms BMI: 28.06 Wt: 83 Kg

Company Address: PRISM JOHNSON LIMITED,
MANKAHARI, PO: BATHIA, TEHSIL: RAMPUR BAGHELAN, DIST: SATNA, PIN: 485111 (M.P.)

Personal H/O: ALCOHOL: NO TABACCO: NO SMOKING: NO GUTKHA: NO

General Exam:- Healthy BP : 162/89 mmHg PLUSE : 95 mm/hr

C.V.S.: N R/S : N CNS : N SP/LIVER : N/P

Abdomen : soft

BLOOD TEST

Test	Result	Normal Range
Blood Sugar	200 mg/dl	70-160 mg/dl
Hemoglobin	12.8 gm/dl	12.5 to 16.5 gm/dl
Total Leukocyte Count	7300 Cumm	4000-11000 /Cumm
Neutrophils	75 %	40-80 %
Lymphocyte	20 %	20-40 %
Eosinophils	3 %	1-6 %
Monocytes	2 %	2-10 %
ESR	8 mm/hr	< 20 mm/hr
Cholesterol	169 mg/dl	< 220 mg/dl
Triglycerides	153 mg/dl	> 200 mg/dl
HDL	43 mg/dl	35 TO 50 mg/dl
LDL	95.4 mg/dl	
VLDL	30.6 mg/dl	
CHO/HDL Ratio:	3.9	
Urea	23 mg/dl	10-50
Creatinine	0.9 mg/dl	0.8-1.3
SGPT	30 U/L	0-40
SGOT	23 U/L	0-40
SUTUM AFB	NEGATIVE	
STOOL	NEGATIVE	
Colour Blindness	NO	
ECG	WNL	
X-Ray	WNL	Spirometry WNL
AUDIOMETRY	RT : WNL	LF. WNL
Vision:	Unaided - Dist. Rt - 6/9	Dist. Lf - 6/9
	Unaided - Near Rt - N/6	Near Lf - N/6
	With Spect Dist. Rt -	With Spect Dist. Lf -
	With Spect Near . Rt -	With Spect Near . Lf -

MEDICAL CHECK - UP:- NORMAL

Opinion: He/She is physically & mentally fit . He/She is not suffering from any infectious or contagious diseases

Dr. DEEPAK P. DEOTALE
M.B.B.S. A.F.I.H. (Reg. No. 48366)

Dr. Deepak Deotale
MBBS, AFIH
Reg. No. 48366



(FORM - O)
(See rule 29F (2) and 29L)

Report of medical examination under rule 29B (To be issued in triplicate)

** Certificate No. 7 Certified that Shri/Shrimati* Ashok Kuman Tiwari
employed as 102178 In PCL mine,
Form B No. 33 has been examined for an initial/periodical medical
examination. He/she* appears to be..... years of age.

The findings of the examining authority are given in the attached sheet. It is considered
that Shri/Shrimati* Ashok Kuman Tiwari.....

(a)* is medically fit for any employment in mines.

(b)* is suffering from..... and is medically unfit for
(i) any employment in mine; or
(ii) any employment below ground; or
(iii) any employment or work.....

(c)* is suffering from..... is should get this disability* cured/controlled
and should be again examined within a period ofmonths. He/She will appear
for re-examination with the result of test of and the opinion of
Specialist from He/She may be permitted/not* permitted to carry on his
duties during this period.



DR. DEEPAK P. DEOTALE
Signature of the examining authority
Name and designation in Block letters

Place : PCL
Date :

* Delete whatever is not applicable.

** One copy of the certificate shall be handed over to the person concerned and
another copy shall be sent to the manager of the mine concerned by registered post;
and the third copy shall be retained by the examining authority,

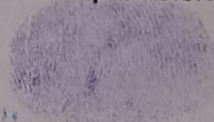
Report of the examining authority

(to be filled in for every medical examination whether initial or periodical or re -
examination or after cure/control of disability).

Annexure to Certificate No. 7 as result of medical examination on

Identification Mark Scar on face left side

Left thumb impression of the candidate



1. General development- Good/Fair/Poor

2. Height172.....Cms.

3 Weight23.....kg.

4 Eyes : (i) Visual acuity-Distant vision (with or without glasses).

Right eye.....6/9.....

Left eye.....6/9.....

(ii) any organic disease of eyes NO

(iii) night blindness NO

(iv) Colour blindness NO

(v) Squint (* to be tested in special cases)

Inserted vide notification No.GSR 656 dated 5.6.1980 NO

5 Ears : Hearing : Right ear.....N..... Left earN.....

Any organic diseases.

6.Respiratory system. Chest measurement : (i) After full inspirationcms.
(ii) After full expiration.....cms.

7. Circulatory system: (i) Blood Pressure162/89..... (ii) Pulse95.....

8. Abdomen : TendernessNO.....
Liver.NP.....
Spleen.NP.....
Tumour.NO.....

9. Nervous system:
History of fits or epilepsyN.....
ParalysisNO.....
Mental health.Good.....

10.Locomotory system :N.....

11. Skin. :N.....

12. Hydrocele. :NO.....

13. Hernia. :NO.....

14. Any other abnormality :NO.....

15. Urine : Reaction.N.....
Albumin.NO.....
Sugar.NO.....

16. Skiagram of chest. : WNL

17. Any other test considered necessary by the examining authority. : NO

18. Any opinion of specialist considered necessary. NO

Place:

Signature of the examining authority

Report of Medical Examination under Mines Rule 29B
(To be used in continuation with Form O)

Certificate No. 7

Name : Ashok Kumar Tiwari

Identification Marks: Scar on face left side

Result of Lung Function Test (Spirometry)

Parameters	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FEV)	3.45	3.12	90
Forced Vital Capacity FEV1	2.76	3.01	109
FEV1/FVC	80.00	96.47	121
Peak Expiratory Flow	8.15	8.11	98

Spirometry Report enclosed.

Signature of the Examination Authority

Report of Medical Examination as per the recommendations of National Safety
Conferences in Mines
(To be used in continuation with Form O)

Certificate No. 7

Name : Ashok Kumar Tiwari

Identification Marks: Scar on face left side

1. Cardiological Assessment

Auscultation	S1	N	Performed Value	% of Predicted
	S2	N		
	Additional Sound	No		
FEV1/FVC			96.47	121
Electrocardiograph(12leads) findings			Normal/Abnormal	

Enclosed ECG

2. Neurological Assessment

	Normal/Abnormal
Superficial Reflexes	Normal
Deep Reflexes	N 10
Peripheral Circulation	N
Vibrational Syndromes	N

3. ILO Classification of Chest Radiograph

Profusion of Pneumoconiotic Opacities	Grades	Types
Present /Absent		

Enclosed Chest Radiograph

4. Audiometry Findings:

Conduction Type	Left Ear	Right Ear
Ear Conduction	Normal/Abnormal	Normal/Abnormal
Bone Conduction	Normal/Abnormal	Normal/Abnormal

Enclosed Audiometry Report

5. Pathological/Microbiological Investigations:

S.No.	Tests	Findings
1.	Blood-Tc,Dc,Hb,ESR,Platelets	WNL/Abnormal
2.	Blood Sugar-Fasting & P.P.	WNL/Abnormal
3.	Lipid Profile	WNL/Abnormal
4.	Blood Urea, Creatinine	WNL/Abnormal
5.	Urine Routine	WNL/Abnormal
6.	Stool Routine	WNL/Abnormal

Enclosed Investigation Reports

6. Special Tests for Mn Exposure:

Behavioral Disturbances		Present/Not Present
Neurological Disturbances	Speech Defect	Present/Not Present
	Tremor	Present/Not Present
	Adiadocokinesia	Present/Not Present
	Emotional Changes	Present/Not Present

Enclosed ECG

7. Any other Special Tests Required: NO

Signature of the Examination Authority
Seal

Dr. Deepak Deotale
MBBS, AFM
Reg. No. 48385

OK KUMAR TIWARI

RECORDERS

1-12-2024 10:50:29

Age : 47 Years

Height : 172 Cms

Weight : 83 Kgs

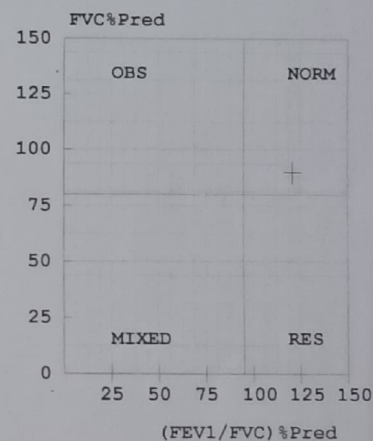
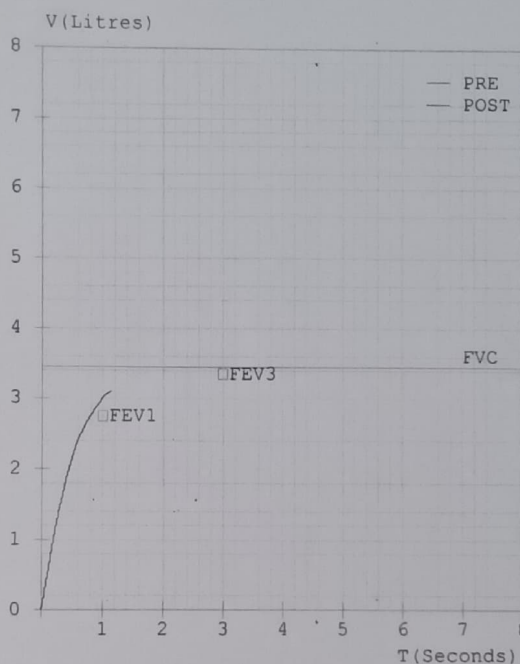
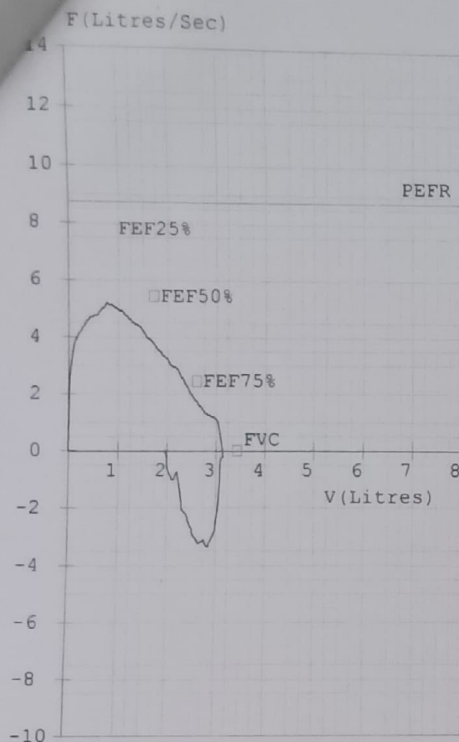
ID: PR 07

Gender : Male

Smoker : No

Eth. Corr: 100

Temp : degrees



FVC Results						
Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	03.45	03.12	090	----	----	---
FEV1 (L)	02.76	03.01	109	----	----	---
FEV1/FVC (%)	80.00	96.47	121	----	----	---
FEF25-75 (L/s)	03.66	03.77	103	----	----	---
PEFR (L/s)	08.75	05.11	058	----	----	---
FIVC (L)	----	01.17	---	----	----	---
FEV.5 (L)	----	02.17	---	----	----	---
FEV3 (L)	03.35	03.12	093	----	----	---
PIFR (L/s)	----	03.33	---	----	----	---
FEF75-85 (L/s)	----	01.94	---	----	----	---
FEF.2-1.2 (L/s)	06.52	04.69	072	----	----	---
FEF 25% (L/s)	07.81	05.11	065	----	----	---
FEF 50% (L/s)	05.46	04.01	073	----	----	---
FEF 75% (L/s)	02.46	02.45	100	----	----	---
FEV.5/FVC (%)	----	69.55	---	----	----	---
FEV3/FVC (%)	97.10	100.00	103	----	----	---
FET (Sec)	----	01.19	---	----	----	---
ExptTime (Sec)	----	00.15	---	----	----	---

Pre Medication Report Indicates

Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70
Spirometry within normal limits as (FEV1/FVC) %Pred > 95 and FVC %Pred > 80.

8

Dr. Deepak Dootale
MBBS, AFM
Reg. No. 48388

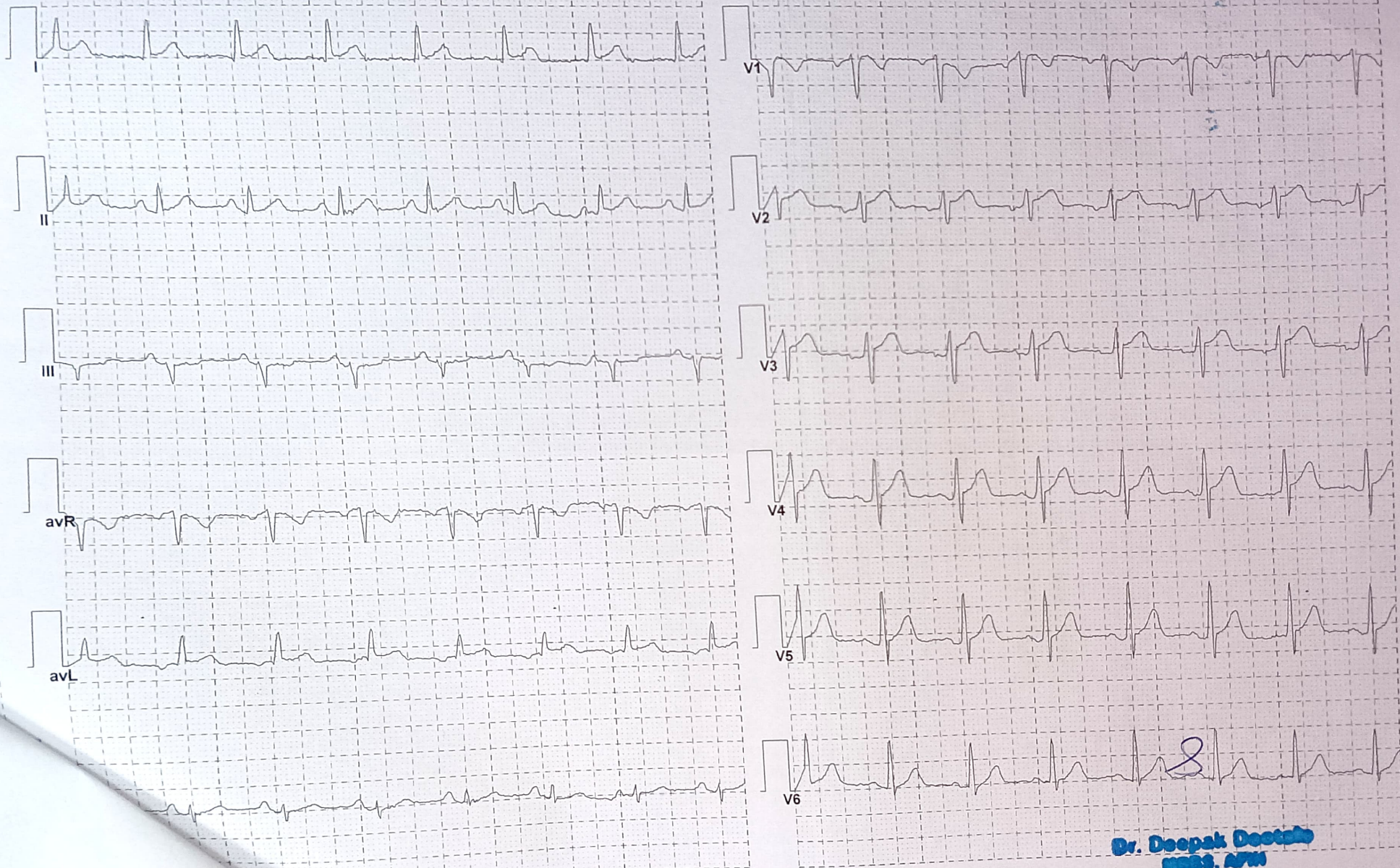


DEOTALE DIAGNOSTIC CENTRE

1940042251 / ASHOK KUMAR TIWARI / 47 Yrs / M / 172Cms. / 83Kgs. / Non Smoker

Heart Rate : 90 bpm / Dr.: DR DEOTALET Tested On : 11-Dec-24 11:09:52 / HF 0.05 Hz - LF 100 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s

ECG



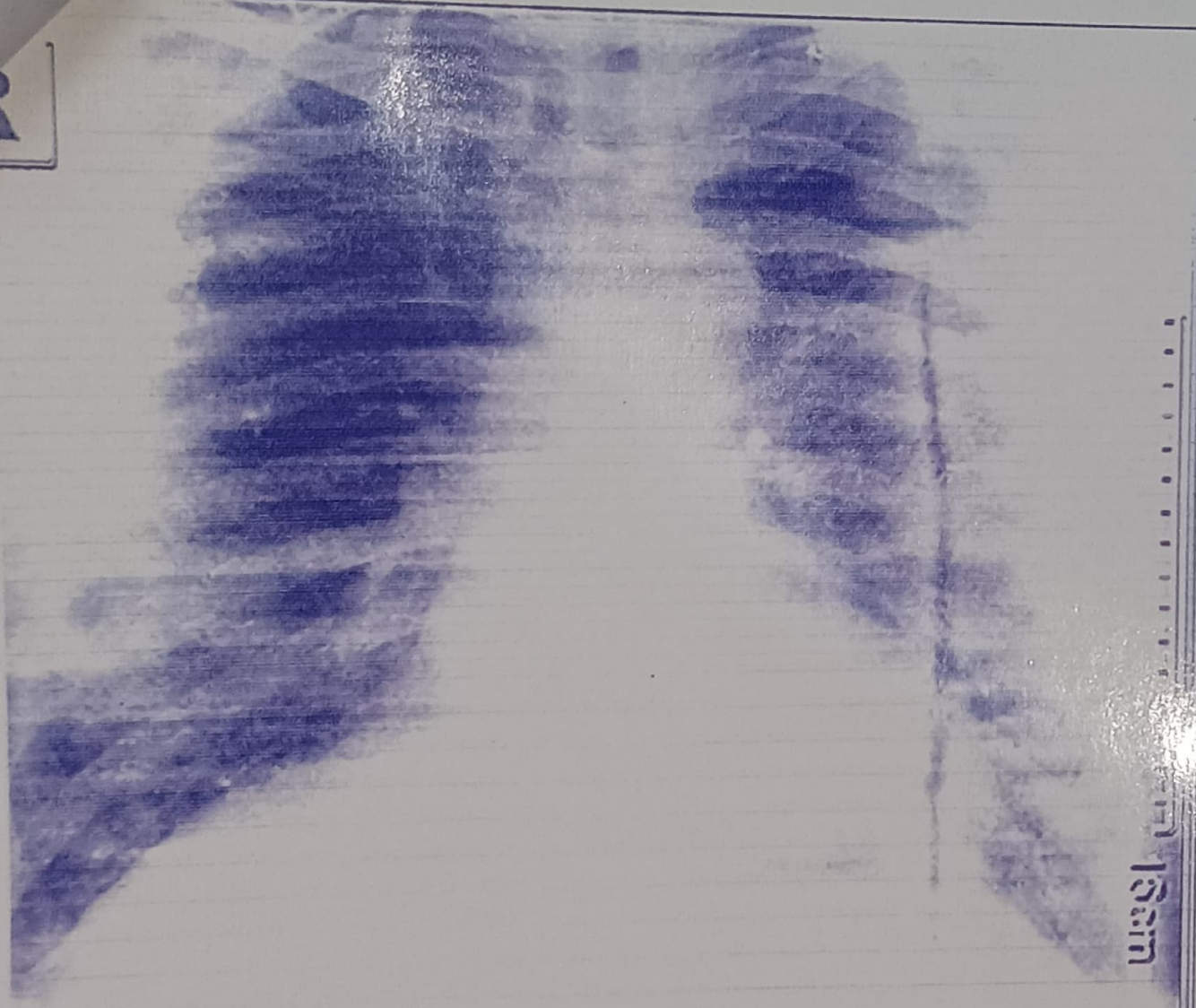
S212160118)

Dr. Deepak Dootale
MBBS, AFM
Reg. No. 42554



Scanned with OKEN Scanner

Acq. Date: 11-Dec-24
Acq. Time: 11:23:24 AM
Exp. Index: 888



CHEST

PA

W: 4096, C: 2048

Scale: 0.13

MAYA DIAGNOSTICS

Layout

Relayout

Delete Page



Deotale Diagnostic Centre (we care)

☐ Consultation ☐ Diagnostics ☐ Health Check-Up ☐ Immunization.
Clinic: Vinayak Apt. 3rd floor Dhantoli Lokmat Chowk Nagpur

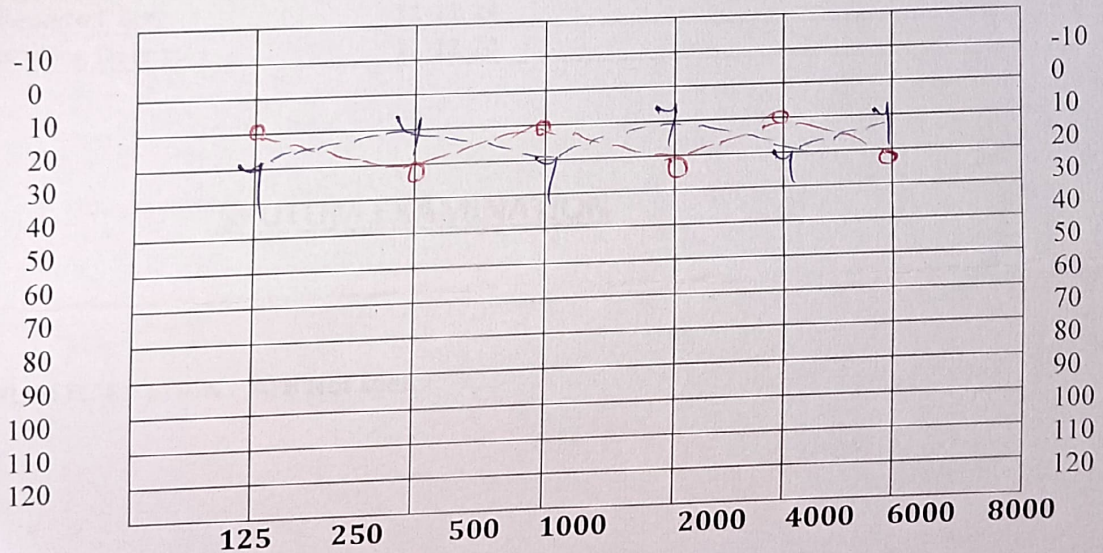
(Clinic Reg. No. 699)

For any assistance call at . 9860204241, 0712-6610595

Date: 11-12-24

AUDIOLOGICAL EVALUATION

1. SR. NO. 4	2. CERTIFICATE NO : 7
3. EMPLOYEES NAME : Ashok Kumar Tiwari Rishi Dev Tiwari	
4. Employee Mob No : 8109339836	
6. SEX : MALE	7. AGE : 52 yrs
8. ADDRESS : PRISM JOHNSON LIMITED, MANKAHARI, PO: BATHIA, TEHSIL: RAMPUR BAGHELAN, DIST: SATNA, PIN: 485111 (M.P.)	
9. DIAGNOSIS LT.: WNL	RT.: WNL



TEST FREQUENCY

Air O	= LEFT EAR : ●	<u>WNL</u>
Y	= RIGHT EAR : ●	<u>WNL</u>
Masking		
No Response: Audiologists Remarks		

Dr. DEEPAK P. DEOTALE
M.B.B.S. A.F.I.H.
Reg. No. 48366

Dr. Deepak Deotale
MBBS, AFIH
Reg. No. 48366

Deotale Diagnostic Centre

Consultation Diagnostics Health Check- Ups Immunization.

Clinic: Vinayak Apt. 3rd floor Dhantoli Lokmat Chouk Nagpur

For any assistance call at . 9860204241, 0712-2424868

Email ID : deotaledeepak19577@gmail.com

Patient Name:	Ashok Kumar Tiwari Rishi Dev Tiwari
Age :	52 yrs.
Gender:	MALE
Req. Doctor:	
Reg . Number:	8109339836
Collection Date:	11-12-24
Reporting Date :	11-12-24

SPUTUM EXAMINATION

ZEIHL NEELSEN STAIN : AFB Not seen


DR .DEEPAK DEVATALE
M.B.B.S A.F.I.H(REG NO.48366)
Dr. Deepak Deotale
MBBS, AFIH
Reg. No. 48366



SR. No.

4

Certificate No.

7

Emp Code

102178

MAYA HOSPITAL & RESEARCH INSTITUTE

Add.: Plot .P 78, Opposite State Bank of India , M.I.D.C.

Butibori (Nagpur)

Ph 07103-684885

Deotale Diagnostic Center We Care

☐ Consultation ☐ Diagnostics Health ☐ Check-Ups ☐ Immunization

Dr. Deepak P. Deotale
M.B.B.S., A.F.I.H.
(Associated fellow Of industrial health)
Certifying Surgeon Reg .No. 48366
Clinic : Vinayak Apt. 3rd floor Dhantoli,
Lokmat Chowk ,Nagpur (Clinic Reg. No. 699)
Mob. No . 9860204241 /8007771341
Phone No : 0712-2424868
Email Id:deotaledeepak19577@gmail.com

Name	Ashok Kumar Tiwari Rishi Dev Tiwari
Age	52 YRS.
Gender	MALE
Check Up Date	11-12-24
MOB NO	8109339836
Company Name:	PRISM JOHNSON LIMITED, MANKAHAR, PO: BATHIA, TEHSIL: RAMPUR BAGHELAN, DIST: SATNA, PIN-485111 (M.P.)



Deotale Diagnostic Centre (we care)

Consultation Diagnostics Health Check- Ups Immunization.

Clinic: Vinayak Apt. 3rd floor Dhantoli Lokmat Chouk Nagpur

For any assistance call at . 9860204241, 0712-2424868

Email ID : deotaledeepak19577@gmail.com

MEDICAL CHECK-UP REPORT

SR NO.	157
Certificate No	166
EMP CODE	102702
Work Station /Grade	BAGHAI MINES
Designation	ASST. MANAGER
MOB NO	9584460761
CHECK-UP DATE	13-12-24

EMPLOYEES NAME: ATUL KUMAR TIWARI				
Gender: MALE	Age : 57 Yrs	Ht : 160 cms	BMI: 25.39	Wt: 65 Kg
Company Address: PRISM JOHNSON LIMITED, MANKAHARI,PO: BATHIA, TEHSIL: RAMPUR BAGHELAN, DIST: SATNA,PIN:485111 (M.P.)				
Personal H/O:	ALCOHOL: NO	TABACCO: NO	SMOKING: NO	GUTKHA: NO
General Exam:-	Healthy	BP.:	150/100 mmHg	PLUSE : 100 mm/hr
C.V.S.: N	R/S : N	CNS :N		SP/LIVER :N/P
Abdomen : soft				

BLOOD TEST		Result	Normal Range
Test			
Blood Sugar		123 mg/dl	70-160 mg/dl
Hemoglobin		12.9 gm/dl	12.5 to 16.5 gm/dl
Total Leukocyte Count		7900 Cumm	4000-11000 /Cumm
Neutrophils		68 %	40-80 %
Lymphocyte		30 %	20-40 %
Eosinophils		1 %	1-6 %
Monocytes		1 %	2-10 %
ESR		5 mm/hr	< 20 mm/hr
Cholesterol		187 mg/dl	< 220 mg/dl
Triglycerides		166 mg/dl	> 200 mg/dl
HDL		42 mg/dl	35 TO 50 mg/dl
LDL		111.8 mg/dl	
VLDL		33.2 mg/dl	
CHO/HDL Ratio:		4.5	
Urea		30 mg/dl	10-50
Creatinine		1 mg/dl	0.8-1.3
SGPT		24 U/L	0-40
SGOT		28 U/L	0-40
S/UTUM AFB		NEGATIVE	
STOOL		NEGATIVE	
Colour Blindness		NO	
ECG		WNL	
X-Ray		WNL	
AUDIOMETRY		RT: WNL	LF: WNL
Vision:	Unaided - Dist. Rt - /18		Dist. Lf - 6/18
	Unaided - Near Rt - N/36		Near Lf - N/36
	With Spect Dist. Rt - 6/6		With Spect Dist. Lf - 6/6
	With Spect Near. Rt - N/6		With Spect Near. Lf - N/6

MEDICAL CHECK - UP:- NORMAL

Opinion: He/She is physically & mentally fit. He/She is not suffering from any infectious or contagious diseases

Dr. DEEPAK P. DEOTALE
M.B.B.S. A.F.I.H. (Reg. No. 48366)

Dr. Deepak Deotale
MBBS, AFIH
Reg. No. 48366

(FORM - O)
(See rule 29F (2) and 29L)

Report of medical examination under rule 29B (To be issued in triplicate)

** Certificate No. 166..... Certified that Shri/Shrimati* Atul Tiwari.....
employed as Manager In Bagh..... mine,
Form B No..... has been examined for an initial/periodical medical
examination. He/she* appears to be 57... years of age.

The findings of the examining authority are given in the attached sheet. It is considered
that Shri/Shrimati* Atul Tiwari.....

(a)* is medically fit for any employment in mines.

(b)* is suffering from..... and is medically unfit for
(i) any employment in mine; or
(ii) any employment below ground; or
(iii) any employment or work.....

(c)* is suffering from..... is should get this disability* cured/controlled
and should be again examined within a period ofmonths. He/She will appear
for re-examination with the result of test of and the opinion of
Specialist from He/She may be permitted/not* permitted to carry on his
duties during this period.



DR. DEEPAK P. DEOTALE ✓
Signature of the examining authority
Name and designation in Block letters

Place : PCL
Date : 13/12/24

* Delete whatever is not applicable.

** One copy of the certificate shall be handed over to the person concerned and
another copy shall be sent to the manager of the mine concerned by registered post;
and the third copy shall be retained by the examining authority,

Report of the examining authority

(to be filled in for every medical examination whether initial or periodical or re -
examination or after cure/control of disability).

Annexure to Certificate No. 166..... as result of medical examination on

Identification Mark Male on face Right side

Left thumb impression of the candidate

1. General development- Good/Fair/Poor

2. Height 160 Cms.

3 Weight 65 kg.

4 Eyes : (i) Visual acuity-Distant vision (with or without glasses).

Right eye..... 6/18.....

Left eye..... 6/18.....

(ii) any organic disease of eyes No

(iii) night blindness No

(iv) Colour blindness No

(v) Squint (* to be tested in special cases)

Inserted vide notification No.GSR 656 dated 5.6.1980 No

5 Ears : Hearing : Right ear..... N..... Left ear ... N.....

Any organic diseases. No

6. Respiratory system. Chest measurement : (i) After full inspiration cms.

(ii) After full expiration..... cms.

7. Circulatory system: (i) Blood Pressure .. 150/100 (ii) Pulse 100

8. Abdomen :

Tenderness No

Liver. NP

Spleen. NP

Tumour. No

9. Nervous system:

History of fits or epilepsy No

Paralysis No

Mental health. Good

10. Locomotory system : Normal

11. Skin. : Normal

12. Hydrocele. : No

13. Hemia. : No

14. Any other abnormality : Normal

15. Urine : Reaction. N

Albumin. N

Sugar. N

16. Skiagram of chest. : WNL

17. Any other test considered necessary by the examining authority. : No

18. Any opinion of specialist considered necessary. No

Signature of the examining authority

Place:

Report of Medical Examination under Mines Rule 29B
(To be used in continuation with Form O)

Certificate No. 166

Name: Atul Tiwari

Identification Marks: male on face Right side

Result of Lung Function Test (Spirometry)

Parameters	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FEV)	02.71	03.20	118
Forced Vital Capacity FEV1	02.07	03.14	152
FEV 1/ FVC	76.38	98.12	128
Peak Expiratory Flow	07.54	04.59	061

Spirometry Report enclosed.

Signature of the Examination Authority

Report of Medical Examination as per the recommendations of National Safety
Conferences in Mines
(To be used in continuation with Form O)

Certificate No. 166

Name: Atul Tiwari

Identification Marks: male on face Right side

1. Cardiological Assessment

Auscultation	S1	S2	Additional Sound	Performed Value	% of Predicted
	N	N	No		
FEV1/ FVC				98.12	128
Electrocardiograph(12leads) findings	Normal/Abnormal				

Enclosed ECG

2. Neurological Assessment

Findings	Normal/Abnormal
Superficial Reflexes	Normal
Deep Reflexes	N
Peripheral Circulation	N
Vibrational Syndromes	N

3. ILO Classification of Chest Radiograph

Profusion of Pneumoconiotic Opacities	Grades	Types
Present / Absent		

Enclosed Chest Radiograph

4. Audiometry Findings:

Conduction Type	Left Ear	Right Ear
Ear Conduction	Normal/Abnormal	Normal/Abnormal
Bone Conduction	Normal/Abnormal	Normal/Abnormal

Enclosed Audiometry Report

5. Pathological/Microbiological Investigations:

S.No.	Tests	Findings
1.	Blood-Tc,Dc,Hb,ESR,Platelets	WNL/Abnormal
2.	Blood Sugar-Fasting & P.P.	WNL/Abnormal
3.	Lipid Profile	WNL/Abnormal
4.	Blood Urea, Creatinine	WNL/Abnormal
5.	Urine Routine	WNL/Abnormal
6.	Stool Routine	WNL/Abnormal

Enclosed Investigation Reports

6. Special Tests for Mn Exposure:

Behavioral Disturbances		Present/Not Present
Neurological Disturbances	Speech Defect	Present/Not Present
	Tremor	Present/Not Present
	Adiadocokinesia	Present/Not Present
	Emotional Changes	Present/Not Present

Enclosed ECG

7. Any other Special Tests Required:

No

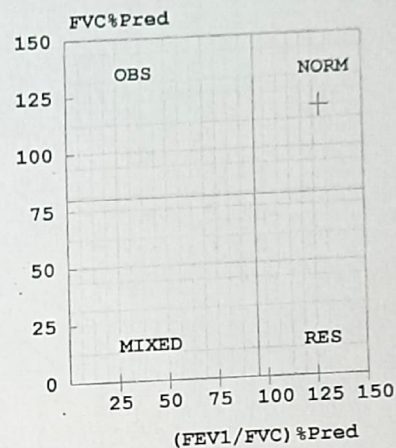
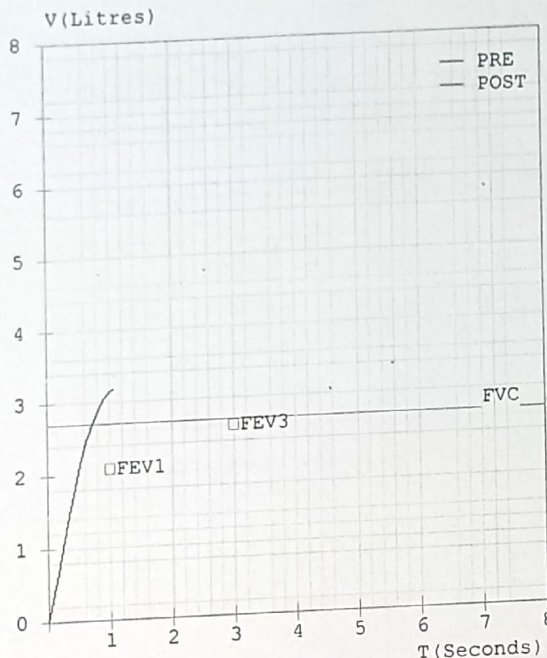
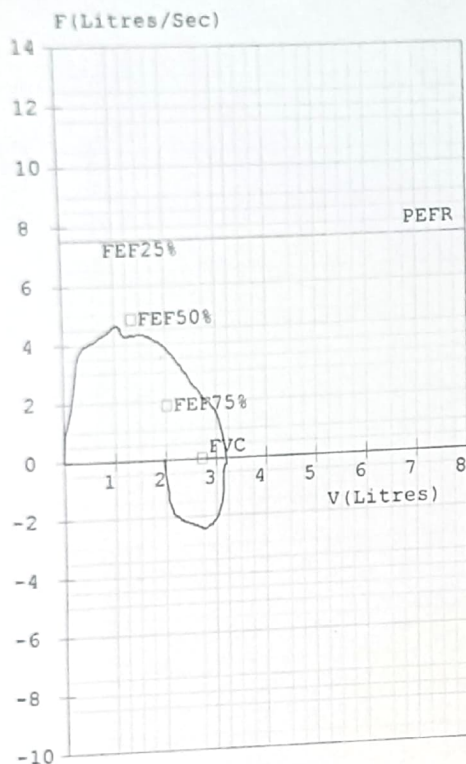
Signature of the Examination Authority
Seal

Dr. Deepak Deotale
MBBS, AFH
Reg. No. 48366

At: ATUL KUMAR TIWARI
By:
d.Eqns: RECORDERS
te : 13-12-2024 10:54:24

Age : 57 Years
Height : 160 Cms
Weight : 65 Kgs
ID: PR 166

Gender : Male
Smoker : No
Eth. Corr: 100
Temp : degrees



FVC Results						
Parameter		Pred	M.Pre%Pred	M.Post %Pred	%Imp	
FVC	(L)	02.71	03.20	118	----	---
FEV1	(L)	02.07	03.14	152	----	---
FEV1/FVC	(%)	76.38	98.12	128	----	---
FEF25-75	(L/s)	02.98	03.94	132	----	---
PEFR	(L/s)	07.54	04.59	061	----	---
FIVC	(L)	-----	01.23	---	----	---
FEV.5	(L)	-----	02.07	---	----	---
FEV3	(L)	02.63	03.20	122	----	---
PIFR	(L/s)	-----	02.42	---	----	---
FEF75-85	(L/s)	-----	02.45	---	----	---
FEF.2-1.2	(L/s)	05.22	03.98	076	----	---
FEF 25%	(L/s)	07.19	04.28	060	----	---
FEF 50%	(L/s)	04.85	04.22	087	----	---
FEF 75%	(L/s)	01.88	02.92	155	----	---
FEV.5/FVC	(%)	-----	64.69	---	----	---
FEV3/FVC	(%)	97.05	100.00	103	----	---
FET (Sec)		-----	01.14	---	----	---
ExptTime (Sec)		-----	00.14	---	----	---

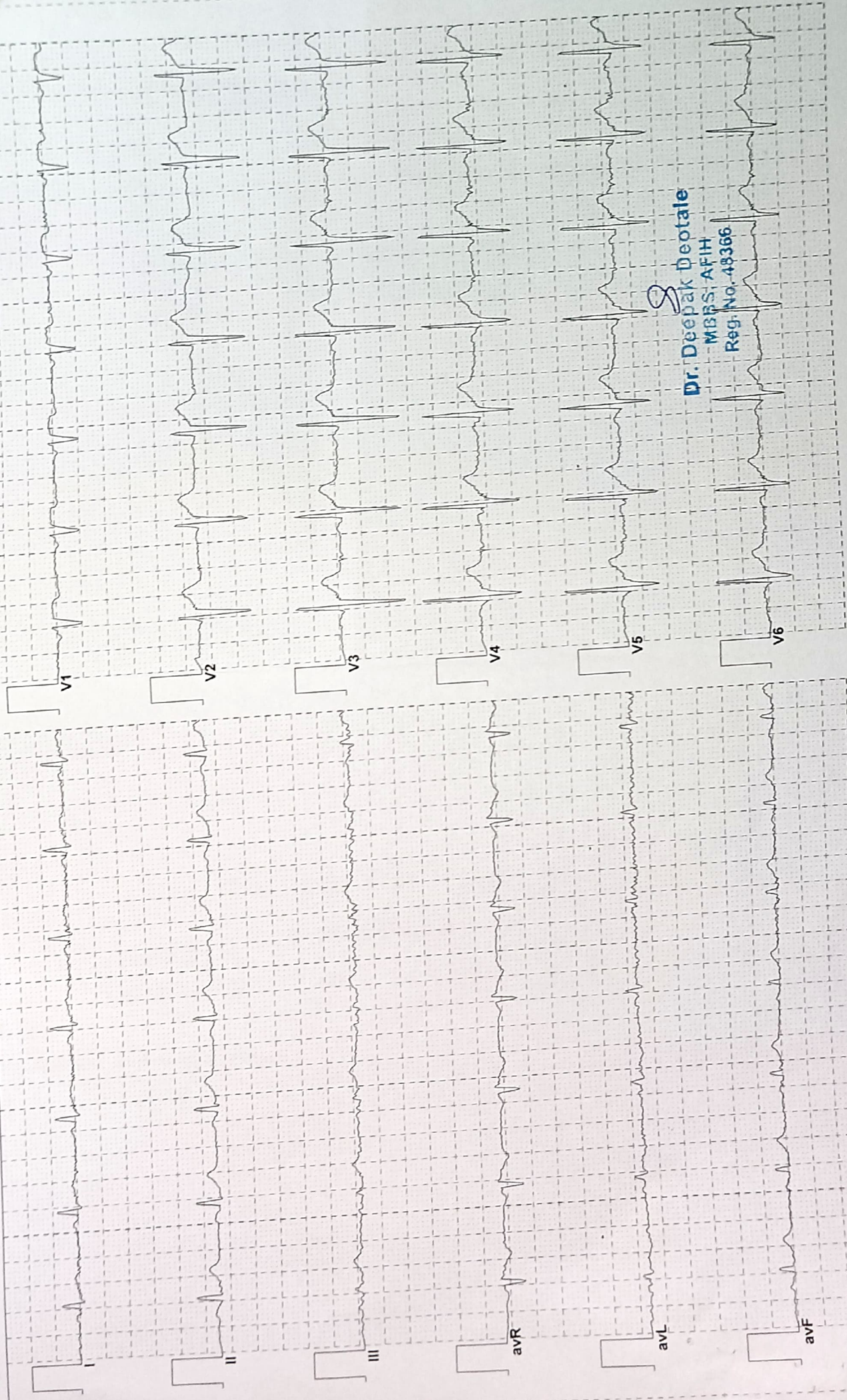
Pre Medication Report Indicates
Early Small Airway Obstruction as FEF 25-75 %Pred or PEFr %Pred < 70
Spirometry within normal limits as (FEV1/FVC) %Pred > 95 and FVC %Pred > 80.

Dr. Deepak Deotale
MBBS, AFH
Reg. No. 48366

ECG

DEOTALE DIAGNOSTIC CENTRE

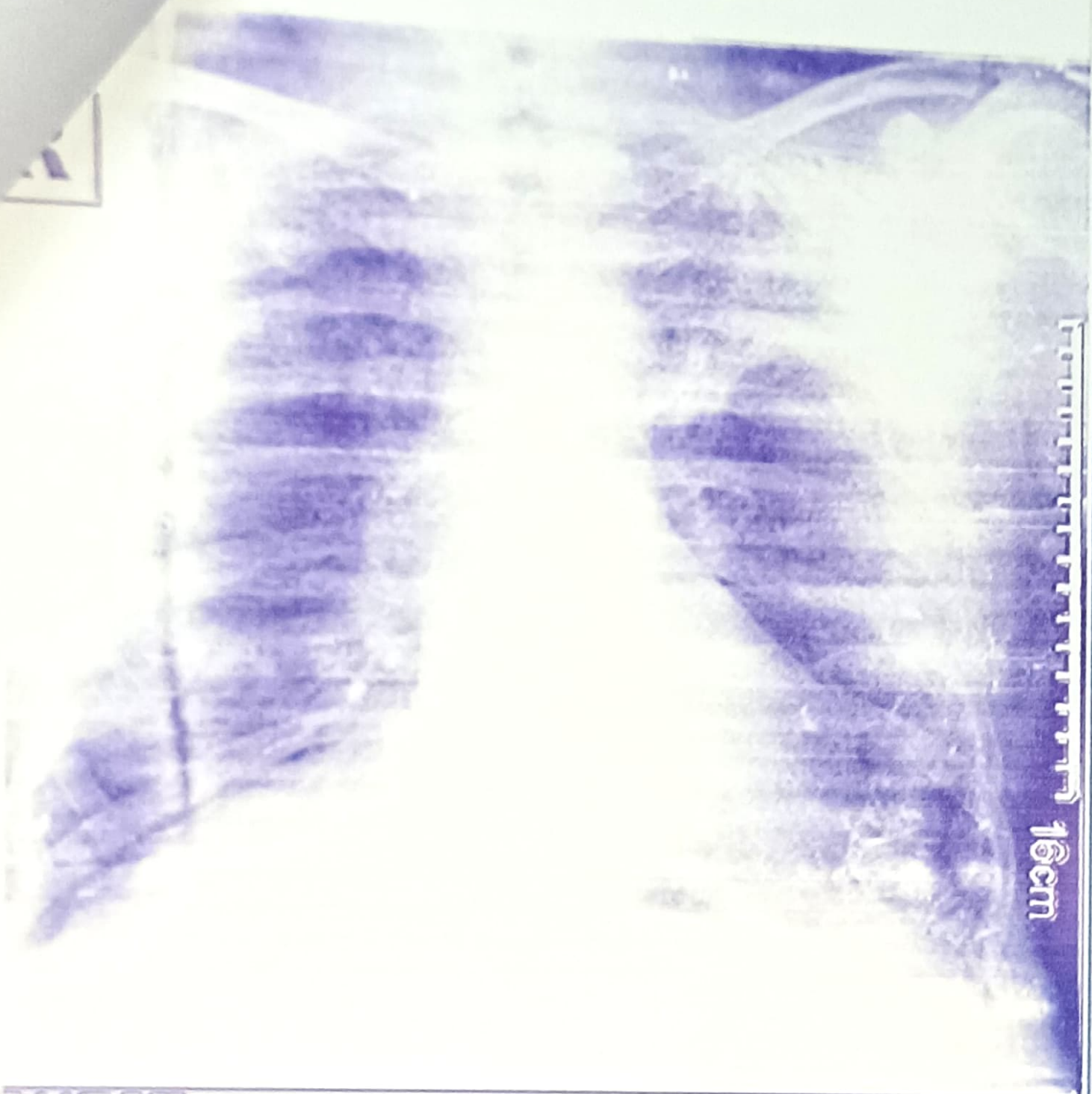
1940042347 / ATUL KUMAR TIWARI / 57 Yrs / M / 160Cms. / 65Kgs. / Non Smoker
Heart Rate : 90 bpm / Dr.: DEEPAK DEOTALE Tested On : 13-Dec-24 11:09:36 / HF 0.05 Hz - LF 100 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s



Dr. Deepak Deotale
MBBS, AFIH
Reg. No. 48366

Maya

Acq. Date: 13-Dec-24
Acq. Time: 11:01:42 AM
Exp. Index: 735



16cm

CHEST

PA

N: 4096, C: 2048

Scale: 0.13

MAYA DIAGNOSTICS

Deotale Diagnostic

(we care)

Consultation Diagnostics Health Check-Up Immunization.

Clinic: Vinayak Apt. 3rd floor Dhantoli Lokmat Chowk Nagpur

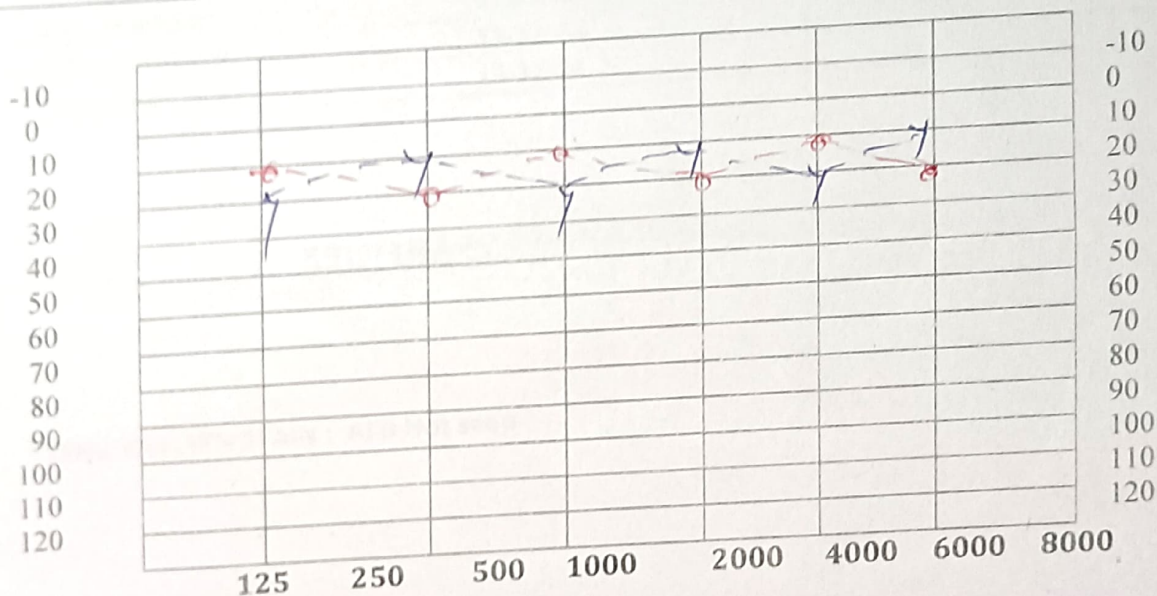
(Clinic Reg. No. 699)

For any assistance call at . 9860204241, 0712-6610595

Date: 13-12-24

AUDIOLOGICAL EVALUATION

1. SR. NO. 157	2. CERTIFICATE NO : 166
3. EMPLOYEES NAME : ATUL KUMAR TIWARI	
4. Employee Mob No : 9584460761	
6. SEX : MALE	7. AGE : 57 yrs
8. ADDRESS : PRISM JOHNSON LIMITED, MANKAHARI, PO: BATHIA, TEHSIL: RAMPUR BAGHELAN, DIST: SATNA, PIN: 485111 (M.P.)	
9. DIAGNOSIS LT. : WNL	RT. : WNL



Air O	= LEFT EAR :	WNL
Y	= RIGHT EAR :	WNL
Masking		
No Response: Audiologists Remarks		

Dr. DEEPAK P. DEOTALE
M.B.B.S. A.F.I.H.
Reg. No. 48366

Dr. Deepak Deotale
MBBS, AFIH
Reg. No. 48366

Deotale Diagnostic Centre (we care)

Consultation Diagnostics Health Check- Ups Immunization.

Clinic: Vinayak Apt. 3rd floor Dhantoli Lokmat Chouk Nagpur

For any assistance call at , 9860204241, 0712-2424868

Email ID : deotaledeepak19577@gmail.com

Patient Name:	ATUL KUMAR TIWARI
Age :	57 yrs.
Gender:	MALE
Req. Doctor:	
Reg . Number:	9584460761
Collection Date:	13-12-24
Reporting Date :	13-12-24

SPUTUM EXAMINATION

ZEIHL NEELSEN STAIN : AFB Not seen


DR. DEEPAK DEVATALE
M.B.B.S A.F.I.H (REG NO. 48366)
Dr. Deepak Deotale
MBBS, AFIH
Reg. No. 48366

SR. No.

157

Certificate No.

166

Emp Code

102702



MAYA HOSPITAL

& RESEARCH INSTITUTE

Add.: Plot .P 78, Opposite State Bank of India , M.I.D.C.

Butibori (Nagpur)

Ph 07103-684885

Deotale Diagnostic Center We Care

Consultation = Diagnostics Health = Check-Ups = Immunization

Dr. Deepak P. Deotale

M.B.B.S., A.F.I.H.

(Associated fellow Of industrial health)

Certifying Surgeon Reg. No. 48366

Clinic : Vinayak Apt. 3rd floor Dhantoli,

Lokmat Chowk ,Nagpur (Clinic Reg. No. 699)

Mob. No . 9860204241 /8007771341

Phone No : 0712-2424868

Email Id:deotaledeepak19577@gmail.com

Name	ATUL KUMAR TIWARI
Age	57 YRS.
Gender	MALE
Check Up Date	13-12-24
MOB NO	9584460761
Company Name: PRISM JOHNSON LIMITED, MANKAHARI,PO: BATHIA, TEHSIL: RAMPUR BAGHELAN, DIST: SATNA,PIN:485111 (M.P.)	

Deotale Diagnostic Centre

Consultation Diagnostics Health Check- Ups Immunization.
Clinic: Vinayak Apt. 3rd floor Dhantoli Lokmat Chouk Nagpur
For any assistance call at . 9860204241, 0712-2424868
Email ID : deotaledeepak19577@gmail.com

MEDICAL CHECK-UP REPORT

SR NO.	112
Certificate No	121
EMP CODE	103728
Work Station /Grade	Bandarkha
Designation	Mines Mgr
MOB NO	9109171029
CHECK-UP DATE	11-12-24

EMPLOYEES NAME: Santosh Kumar Chaudhari Late RamKhelawan Chaudhari

Gender: MALE Age: 48 Yrs Ht : 172 cms BMI: 22.65 Wt: 67 Kg

Company Address: PRISM JOHNSON LIMITED,
MANKAHARI, PO: BATHIA, TEHSIL: RAMPUR BAGHELAN, DIST: SATNA, PIN: 485111 (M.P.)

Personal H/O: ALCOHOL: NO TABACCO: NO SMOKING: NO GUTKHA: NO

General Exam:- Healthy BP.: 122/82 mmHg PLUSE: 78 mm/hr

C.V.S.: N R/S: N CNS: N SP/LIVER: N/P

Abdomen: soft

BLOOD TEST

Test	Result	Normal Range
Blood Sugar	mg/dl	70-160 mg/dl
Hemoglobin	12.8 gm/dl	12.5 to 16.5 gm/dl
Total Leukocyte Count	9600 Cumm	4000-11000 /Cumm
Neutrophils	78 %	40-80 %
Lymphocyte	19 %	20-40 %
Eosinophils	2 %	1-6 %
Monocytes	1 %	2-10 %
ESR	7 mm/hr	< 20 mm/hr
Cholesterol	183 mg/dl	< 220 mg/dl
Triglycerides	162 mg/dl	> 200 mg/dl
HDL	49 mg/dl	35 TO 50 mg/dl
LDL	101.6 mg/dl	
VLDL	32.4 mg/dl	
CHO/HDL Ratio:	3.7	
Urea	30 mg/dl	10-50
Creatinine	0.8 mg/dl	0.8-1.3
SGPT	29 U/L	0-40
SGOT	22 U/L	0-40
SJUTUM AFB	NEGATIVE	
STOOL	NEGATIVE	
Colour Blindness	NO	
ECG	WNL	
X-Ray	WNL	Spirometry WNL
AUDIOMETRY	RT: WNL	LF: WNL
Vision:	Unaided - Dist. Rt - 6/6	Dist. Lf - 6/6
	Unaided - Near Rt - N/6	Near Lf - N/6
	With Spect Dist. Rt -	With Spect Dist. Lf -
	With Spect Near. Rt -	With Spect Near. Lf -

MEDICAL CHECK - UP:- NORMAL

Opinion: He/She is physically & mentally fit. He/She is not suffering from any infectious or contagious diseases

Dr. DEEPAK P. DEOTALE
M.B.B.S. A.F.I.H. (Reg. No. 48366)

Dr. Deepak Deotale
MBBS, AFH
Reg. No. 48366



(FORM - O)
(See rule 29F (2) and 29L)
Report of medical examination under rule 29B (To be issued in triplicate)

** Certificate No. 121 Certified that Shri/Shrimati* Santosh Kumar Chaudhary
employed as miner In PCL mine,
Form B No. 73 has been examined for an initial/periodical medical
examination. He/she* appears to be..... years of age.

The findings of the examining authority are given in the attached sheet. It is considered
that Shri/Shrimati* Santosh Kumar Chaudhary.....

(a)* is medically fit for any employment in mines.

(b)* is suffering from..... and is medically unfit for
(i) any employment in mine; or
(ii) any employment below ground; or
(iii) any employment or work.....

(c)* is suffering from..... is should get this disability* cured/controlled
and should be again examined within a period ofmonths. He/She will appear
for re-examination with the result of test of and the opinion of
Specialist from He/She may be permitted/not* permitted to carry on his
duties during this period.



DR. DEEPAK P. DEOTALE
Signature of the examining authority
Name and designation in Block letters

Place : PCL
Date : 11/12/2024

* Delete whatever is not applicable.

** One copy of the certificate shall be handed over to the person concerned and
another copy shall be sent to the manager of the mine concerned by registered post;
and the third copy shall be retained by the examining authority,

Report of the examining authority

(to be filled in for every medical examination whether initial or periodical or re -
examination or after cure/control of disability).

Annexure to Certificate No. 121 as result of medical examination on

Identification Mark made on chest



Left thumb impression of the candidate

1. General development- Good/Fair/Poor

2. Height 172 Cms.

3 Weight 67 kg.

4 Eyes : (i) Visual acuity-Distant vision (with or without glasses).

Right eye 6/9 Left eye 6/9

(ii) any organic disease of eyes No

(iii) night blindness No

(iv) Colour blindness No

(v) Squint (* to be tested in special cases)

Inserted vide notification No.GSR 656 dated 5.6.1980

5 Ears : Hearing : Right ear N Left ear N

Any organic diseases.

6. Respiratory system. Chest measurement : (i) After full inspiration cms.

(ii) After full expiration cms.

7. Circulatory system: (i) Blood Pressure 122/82 (ii) Pulse 78

8. Abdomen : Tenderness N
Liver. N
Spleen. N
Tumour. No

9. Nervous system:

History of fits or epilepsy No

Paralysis No

Mental health. Good

10. Locomotory system : N

11. Skin : Normal

12. Hydrocele : No

13. Hernia : No

14. Any other abnormality : N

15. Urine : Reaction. N

Albumin. No

Sugar. No

16. Skiagram of chest. : WNL

17. Any other test considered necessary by the examining authority. : No

18. Any opinion of specialist considered necessary. No

Signature of the examining authority

Place:



Report of Medical Examination under Mines Rule 29B
(To be used in continuation with Form O)

Certificate No. 121

Name: Santosh Kumar Chaudhary

Identification Marks: mole on chest

Result of Lung Function Test (Spirometry)

Parameters	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FEV)	<u>03.44</u>	<u>03.17</u>	<u>092</u>
Forced Vital Capacity FEV1	<u>02.74</u>	<u>03.07</u>	<u>112</u>
FEV1/ FVC	<u>79.65</u>	<u>96.85</u>	<u>122</u>
Peak Expiratory Flow	<u>08.71</u>	<u>04.73</u>	<u>054</u>

Spirometry Report enclosed.

Signature of the Examination Authority ✓

Report of Medical Examination as per the recommendations of National Safety
Conferences in Mines
(To be used in continuation with Form O)

Certificate No. 121

Name: Santosh Kumar Chaudhary

Identification Marks: mole on chest

1. Cardiological Assessment

Auscultation	S1	<u>N</u>	Performed Value	% of Predicted
	S2	<u>N</u>		
	Additional Sound	<u>No</u>		
FEV1/ FVC			<u>96.85</u>	<u>122</u>
Electrocardiograph(12leads) findings			<u>Normal/Abnormal</u>	

Enclosed ECG

2. Neurological Assessment

Findings	Normal/Abnormal
Superficial Reflexes	<u>Normal</u>
Deep Reflexes	<u>N</u>
Peripheral Circulation	<u>N</u>
Vibrational Syndromes	<u>N</u>

3. ILO Classification of Chest Radiograph

Profusion of Pneumoconiotic Opacities	Grades	Types
Present / Absent ✓		

Enclosed Chest Radiograph

4. Audiometry Findings:

Conduction Type	Left Ear	Right Ear
Ear Conduction ✓	Normal/Abnormal ✓	Normal/Abnormal ✓
Bone Conduction ✓	Normal/Abnormal ✓	Normal/Abnormal ✓

Enclosed Audiometry Report

5. Pathological/Microbiological Investigations:

S.No.	Tests	Findings
1.	Blood-Tc,Dc,Hb,ESR,Platelets ✓	WNL/Abnormal
2.	Blood Sugar-Fasting & P.P. ✓	WNL/Abnormal
3.	Lipid Profile ✓	WNL/Abnormal
4.	Blood Urea, Creatinine ✓	WNL/Abnormal
5.	Urine Routine ✓	WNL/Abnormal
6.	Stool Routine ✓	WNL/Abnormal

Enclosed Investigation Reports

6. Special Tests for Mn Exposure:

Behavioral Disturbances		Present/Not Present ✓
Neurological Disturbances	Speech Defect	Present/Not Present ✓
	Tremor	Present/Not Present ✓
	Adiadocokinesia	Present/Not Present ✓
	Emotional Changes	Present/Not Present ✓

Enclosed ECG

7. Any other Special Tests Required:

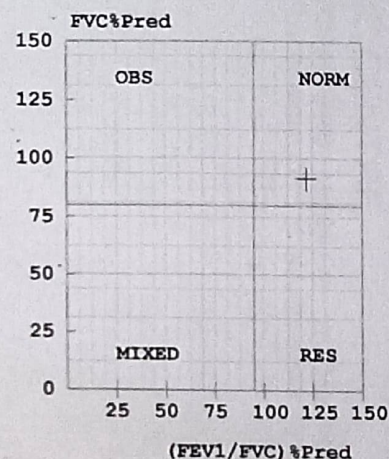
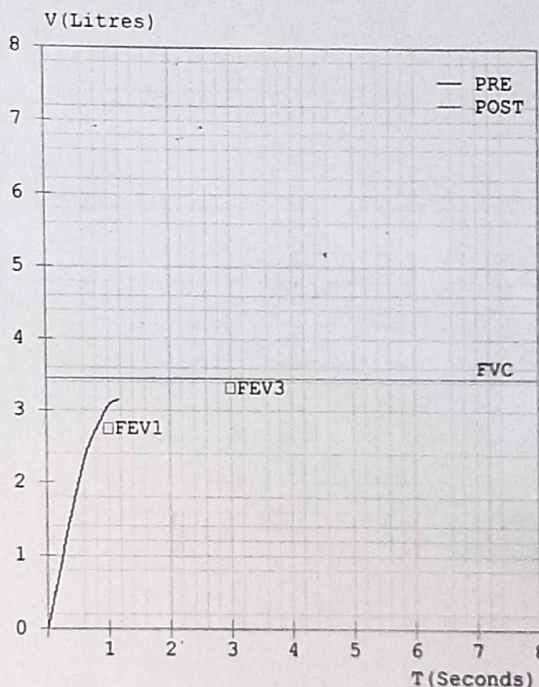
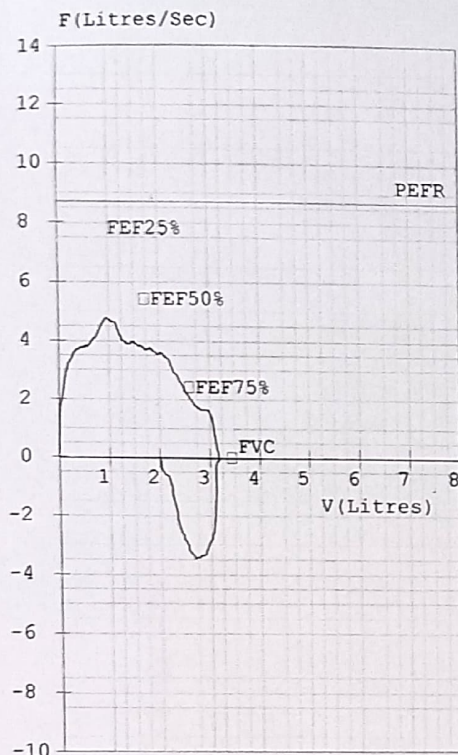
No

Signature of the Examination Authority
Seal

Dr. Deepak Deotale
MBBS, AFH
Reg. No. 48366

Patient: SANTOSH KUMAR CHAUDHARI
 Id. By:
 Recd. Eqns: RECORDERS
 Date : 11-12-2024 10:39:50

Age : 48 Years Gender : Male
 Height : 172 Cms Smoker : No
 Weight : 67 Kgs Eth. Corr: 100
 ID: PR 121 Temp : degrees



FVC Results

Parameter	Pred	M.Pre%Pred	M.Post %Pred	%Imp
FVC (L)	03.44	03.17	092	---
FEV1 (L)	02.74	03.07	112	---
FEV1/FVC (%)	79.65	96.85	122	---
FEF25-75 (L/s)	03.62	03.78	104	---
PEFR (L/s)	08.71	04.73	054	---
FIVC (L)	-----	01.17	---	---
FEV.5 (L)	-----	01.96	---	---
FEV3 (L)	03.33	03.17	095	---
PIFR (L/s)	-----	03.44	---	---
FEF75-85 (L/s)	-----	02.18	---	---
FEF.2-1.2 (L/s)	06.45	03.97	062	---
FEF 25% (L/s)	07.79	04.23	054	---
FEF 50% (L/s)	05.43	03.80	070	---
FEF 75% (L/s)	02.42	02.76	114	---
FEV.5/FVC (%)	-----	61.83	---	---
FEV3/FVC (%)	96.80	100.00	103	---
FET (Sec)	-----	01.27	---	---
ExpTime (Sec)	-----	00.14	---	---

Pre Medication Report Indicates

Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70
 Spirometry within normal limits as (FEV1/FVC) %Pred > 95 and FVC %Pred > 80.

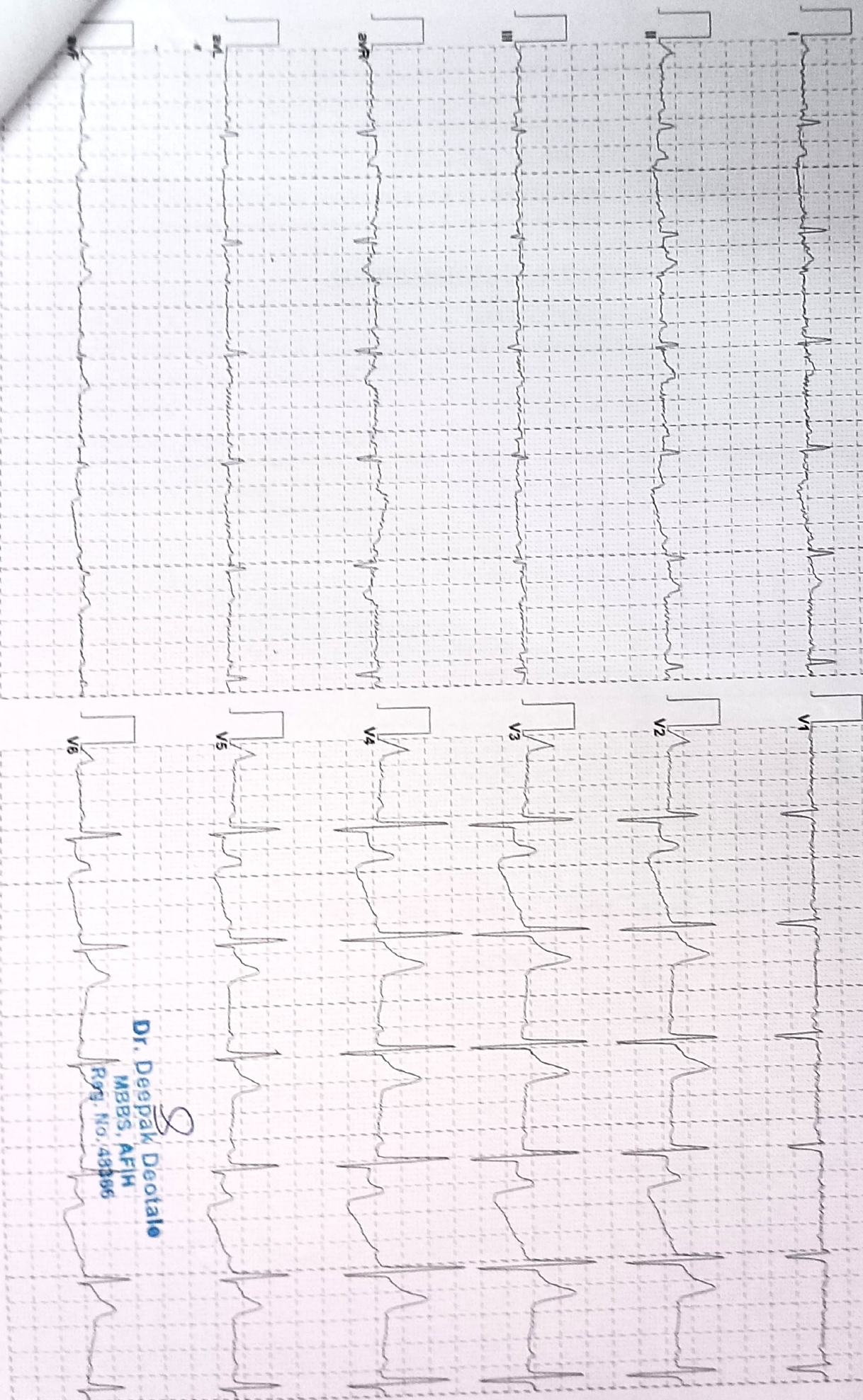
Dr. Deepak Deotale
 MBBS, AFIH
 Reg. No. 48366

DEOTALA DIAGNOSTIC CENTRE

ECG



1940042247 / SANTOSH KUMAR CHAUDHRI / 48 Yrs / M / 172Cms. / 67Kgs. / Non Smoker
Heart Rate : 93 bpm / Dr.: DR DEOTALA tested On : 11-Dec-24 10:44:39 / HF 0.05 Hz - LF 100 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s

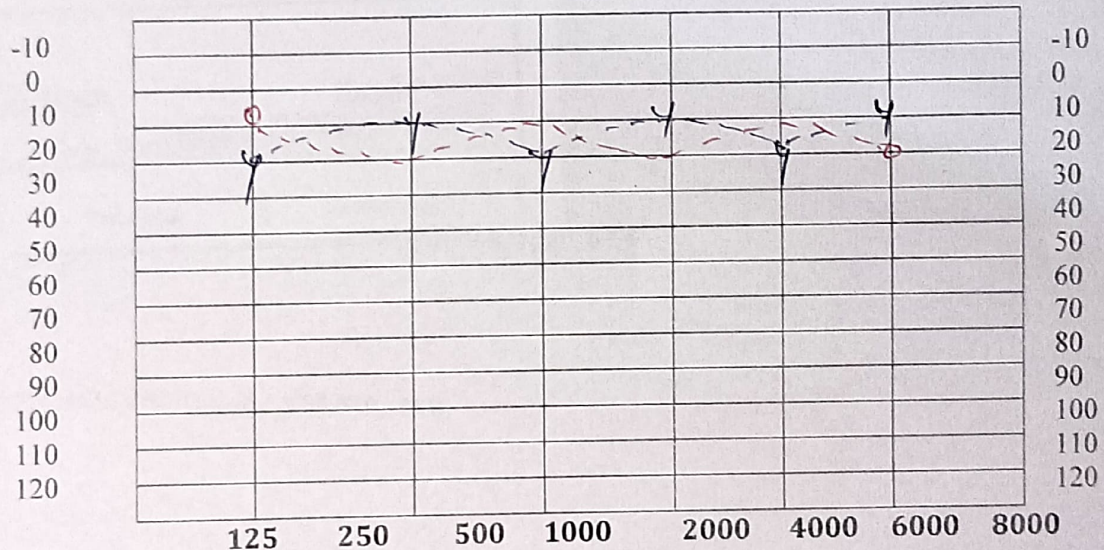


Dr. Deepak Deotala
MBBS, AFM
Reg. No. 48386

Date: 11-12-24

AUDIOLOGICAL EVALUATION

1. SR. NO. 112	2. CERTIFICATE NO : 121
3. EMPLOYEES NAME : Santosh Kumar Chaudhari Late RamKhelawan Chaudhari	
4. Employee Mob No : 9109171029	
6. SEX : MALE	7. AGE : 48 yrs
8. ADDRESS : PRISM JOHNSON LIMITED, MANKAHARI, PO: BATHIA, TEHSIL: RAMPUR BAGHELAN, DIST: SATNA, PIN: 485111 (M.P.)	
9. DIAGNOSIS LT. : WNL	RT. : WNL



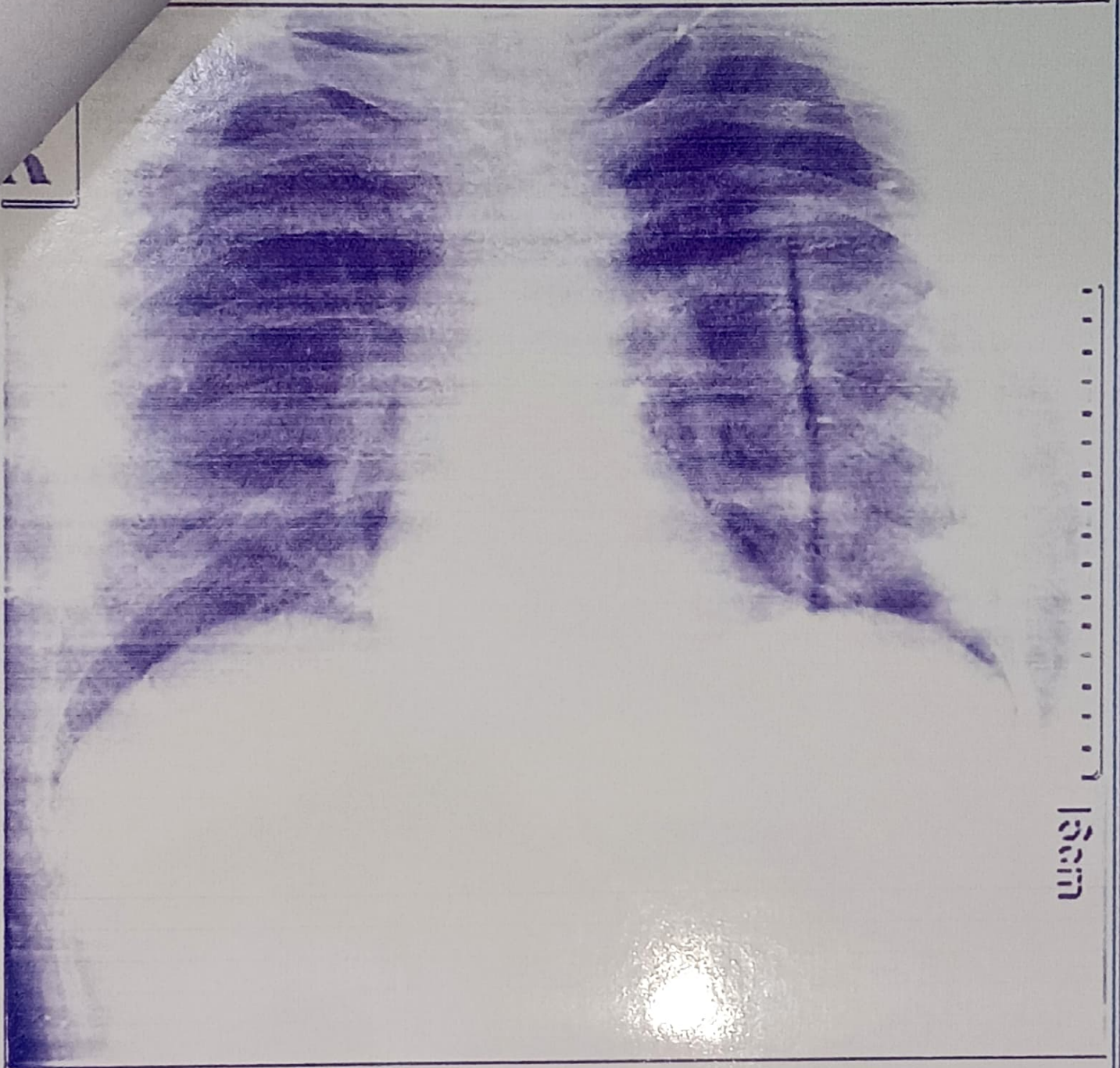
TEST FREQUENCY

Air O	= LEFT EAR : 6	WNL
Y	= RIGHT EAR : 6	WNL
Masking		
No Response: Audiologists Remarks		

Dr. DEEPAK P. DEOTALE
M.B.B.S. A.F.I.H.
Reg. No. 48366

Dr. Deepak Deotale
MBBS, AFIH
Reg. No. 48366

Acq. Date:11-Dec-24
Acq. Time:11:06:34 AM
Exp. Index:825



15cm

CHEST

PA

W: 4096, C: 2048

Scale: 0.13

MAYA DIAGNOSTICS

up Layout

ReLayout

Delete Page



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DeotaleDiagnosticCentre (we care)

Consultation Diagnostics Health Check- Ups Immunization.

Clinic: Vinayak Apt. 3rd floor Dhantoli Lokmat Chouk Nagpur

For any assistance call at . 9860204241, 0712-2424868

Email ID : deotaledeepak19577@gmail.com

Patient Name:	Santosh Kumar Chaudhari Late RamKhelawan Chaudhari
Age :	48 yrs.
Gender:	MALE
Req. Doctor:	
Reg . Number:	9109171029
Collection Date:	11-12-24
Reporting Date :	11-12-24

SPUTUM EXAMINATION

ZEIHL NEELSEN STAIN : AFB Not seen


DR .DEEPAK DEVATALE
M.B.B.S A.F.I.H(REG NO.48366)

Dr. Deepak Deotale
MBBS, AFIH
Reg. No. 48366





SR. No.

112

Certificate No.

121

Emp Code

103728

MAYA HOSPITAL

& RESEARCH INSTITUTE

Add.: Plot .P 78, Opposite State Bank of India , M.I.D.C.

Butibori (Nagpur)

Ph 07103-684885

Deotale Diagnostic Center We Care

= Consultation = Diagnostics Health = Check-Ups = Immunization

Dr. Deepak P. Deotale

M.B.B.S., A.F.I.H.

(Associated fellow Of industrial health)

Certifying Surgeon Reg. No. 48366

Clinic : Vinayak Apt. 3rd floor Dhantoli,

Lokmat Chowk ,Nagpur (Clinic Reg. No. 699)

Mob. No . 9860204241 /8007771341

Phone No : 0712-2424868

Email Id:deotaledeepak19577@gmail.com

Name

Santosh Kumar Chaudhari Late
RamKhelawan Chaudhari

Age

48 YRS.

Gender

MALE

Check Up Date

11-12-24

MOB NO

9109171029

Company Name: PRISM JOHNSON LIMITED,

MANKAHARI,PO: BATHIA,

TEHSIL: RAMPUR BAGHELAN,

DIST: SATNA,PIN:485111 (M.P.)

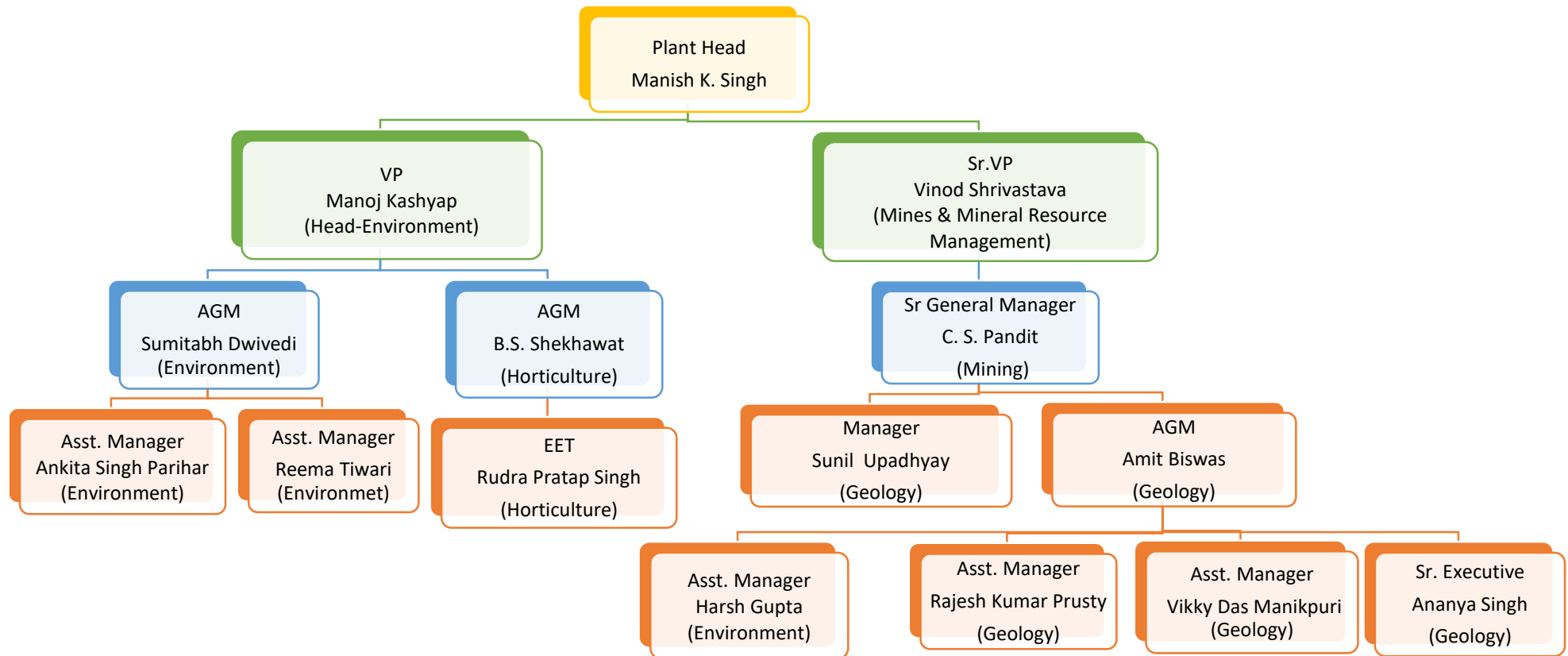


PRISM JOHNSON LIMITED
CSR Activities Status and Expense Summary FY 2024-25 Cement Division

S.N.	Category under Schedule VII	Description of Activity	Budget Amount Rs. In Crore					Spent Rs in Crore
			Q-1	Q-2	Q-3	Q-4	Total	
1	Availability of drinking water Schedule VII (i))	Availability of potable water through installation of hand pumps with bore well, supply through water tankers	0.02	0.02	0.00	0.01	0.05	0.03
2	Environment, water Conservation and Promoting renewable energy Schedule VII (iv)	Plantation and survival, construction of water harvesting structures, deepening of ponds, development of social forestry	0.09	0.17	0.03	0.04	0.33	0.14
3	Health & Hygiene Schedule VII (i)	Free medical facility, camps and free ambulance service	0.03	0.04	0.05	0.04	0.16	0.07
4	Promoting Education Schedule VII (ii)	Repairing & maintenance of school buildings, slogan writing, Construction of boundary wall	0.04	0.07	0.08	0.06	0.25	0.02
5	Rural Infrastructure Development Schedule VII (X)	Renovation of community centers, Construction of drainage in villages	0.01	0.08	0.08	0.00	0.17	0.04
6	Social Welfare Schedule VII (iii, iv & vi)	Support to old age home, animal Welfare and other assistance required as per development activity	0.04	0.03	0.02	0.01	0.10	0.06
7	Vocational Skill Development Schedule VII (ii)	Vocational skill development trainings, livelihood support	0.00	0.00	0.04	0.01	0.05	0.00
	Total		0.23	0.41	0.30	0.17	1.11	0.36

Prism Johnson Limited

ENVIRONMENT MANAGEMENT CELL



PRISM JOHNSON LTD.
CSR Activities Status and Expense Summary FY 2024-25 (Cement)

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-25 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation on Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
A.	Availability of drinking water Schedule VII (i))													
1	Supplied 166 trip Drinking water supply through Water Tanker at Mankahari	Availability of Safe Drinking Water Schedule VII (i)	Yes	Madhya Pradesh	Satna	0.02	0	0	0.01	0.03	0.03	Yes	-	-
2	Drilling of a 300-foot bore well with 1 HP submersible water pump installation at Khambha Baba Mankahari	Availability of Safe Drinking Water Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0	0	0	0.00	0.01	Yes	-	-
3	Installation of new Hand pump with bore well at nearby villages Baghai	Availability of Safe Drinking Water Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0.01	0	0	0.01	0.01	Yes	-	-
4	Installation of new hand pump at Bathiya	Availability of Safe Drinking Water Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0.01	0	0	0.01	0.01	Yes	-	-
5	Providing of Water Cooler and Water Purifier Machine at Government Higher Secondary School Bamhauri FY 24-25	Availability of Safe Drinking Water Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0	0	0	0.00	0.01	Yes	-	-
6	Providing 7680 no's packaged water for safe drinking water distribution at Rampur Baghelan	Availability of Safe Drinking Water Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0	0	0	0.00	0.00	Yes	-	-
7	Drilling of 400 ft. bore well at Mahurachh Turning for availability of drinking water	Availability of Safe Drinking Water Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0	0	0	0.00	0.01	Yes	-	-
		Sub Total				0.02	0.02	0.00	0.01	0.05	0.08			
B.	Environment, water Conservation and Promoting renewable energy													
8	Road side plantation with 65 tree guards at Baghai and Medhi	Plantation for Environment Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0.02	0	0	0.02	0.02	Yes	-	-
9	Survival of 53000 saplings at Khamhariya Forest Land plantation	Plantation for Environment Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0.04	0.03	0.03	0.04	0.14	0.12	Yes	-	-
10	Survival of 20000 saplings at Chulhi Jamodi Forest Land plantation under CSE/CSR redencification Scheme	Plantation for Environment Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0.03	0	0	0	0.03	0.03	No	Divisional Forest Officer Satna	CSR00033247

PRISM JOHNSON LTD.
CSR Activities Status and Expense Summary FY 2024-25 (Cement)

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-25 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation on Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
11	Distribution of 5200 Fruit Plants to villagers at Mankahari, Malgaon, Mahurachh, Bahelia Bhat, Baghai, Narsinghpur, Hinauti, Ghunghunchihai, Sajjanpur, Bairiha, Sijahata, Bathiya, Municipal Corporation Rampur Baghelan	Plantation for Environment Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0.01	0	0	0.01	0.02	Yes	-	-
12	Desilting of 145 M waterways channel at Bamhauri	Conservation of Natural Resources Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0.01	0.02	0	0	0.03	0.02	Yes	-	-
13	Construction of a Single Bore shaft water harvesting structures at Selhana Baijanaha	Water Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0.01	0	0	0	0.01	0.01	Yes	-	-
14	Construction of a Single Bore shaft water harvesting structures at Padkhuri	Water Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0.02	0	0	0.02	0.02	Yes	-	-
15	Construction of 50 perforated drum based water harvesting structures at Tapa	Water Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0.02	0	0	0.02	0.03	Yes	-	-
16	Construction of 50 perforated drum based water harvesting structures at Bairiha	Water Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0.02	0	0	0.02	0.03	Yes	-	-
17	Construction of 50 perforated drum based water harvesting structures at Bathiya	Water Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0.03	0	0	0.03	0.03	Yes	-	-
			Sub Total			0.09	0.17	0.03	0.04	0.33	0.33			
C.	Health & Hygiene Schedule VII (i)													
18	Free consultation & medicine distribution to 16435 patients from Apr to Mar 25 at PCL Medical Centre Out door patient to nearby villagers from Mankahari, Hinauti, Pithaipur, Badarakha, Sijahata, Medhi, Jhanjhar, Mugwari, Baghai, Bathiya, Bamhauri, Mahurachh, Narsinghpur, Chulhi, Majhiyar, Bairiha & Chormari	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0.01	0.01	0.01	0.01	0.04	0.07	Yes	-	-

PRISM JOHNSON LTD.
CSR Activities Status and Expense Summary FY 2024-25 (Cement)

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-25 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation on Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
19	Providing of free ambulance services to 1027 patients from Apr 24 to Mar 25, from Mankahari, Hinauta, Hinauti, Pithapur, Badarakha, Sijahata, Medhi, Jhanjhar, Mugwari, Baghai, Bathiya, Bamhauri, Mahurachh, Narsinghpur, Chulhi, Majhiyar, Bairiha & Chormari	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0.02	0.02	0.02	0.02	0.08	0.08	Yes	-	-
20	Door to Door Health Services to 1486 villagers through Mobile Health Van at Sijahata, Baghai, Malgaon, Narsinghpur, Badarkha, Chulhi and Majhiyar	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0	0	0	0.00	0.00	Yes	-	-
21	Organisation of Mega Medical Camps at Katra Narsinghpur (Attended 326 Pts)	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0	0.01	0	0.01	0.01	Yes	-	-
22	Organisation of Mega Medical Camps at Jhanjhar Sijahata (Attended 235 patients)	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0	0.01	0	0.01	0.01	Yes	-	-
23	Organisation of Mega Medical Camps at Bairiha (Attended 284 patients)	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0	0	0.01	0.01	0.01	Yes	-	-
24	The organisation of Mega Medical Camps at Malgaon (Attended 235 patients)	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0	0	0	0	0.01	Yes	-	-
25	Operation & Maintenance of Sulabh Complex at Mahurachh Turning (12 months)	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0.00075	0.00075	0.00075	0.00075	0	0.00	Yes	-	-
26	Providing 03 sanitary pad vending machines at Govt High School Bamhauri, Bairiha and Sijahata villages	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0.01	0	0	0.01	0.00	Yes	-	-
			Sub Total			0.03	0.04	0.05	0.04	0.16	0.19			
D.	Promoting Education Schedule VII (ii)													
27	Renovation of Government Middle School Chulhi	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0.01	0.02	0	0.03	0.04	Yes	-	-
28	Painting of Government Degree College Rampur Baghelan	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0.01	0.01	0	0.02	0.02	Yes	-	-

PRISM JOHNSON LTD.
CSR Activities Status and Expense Summary FY 2024-25 (Cement)

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-25 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation on Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
29	Renovation of Government Primary School Bardadih	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0	0.01	0.01	0.02	0.02	Yes	-	-
30	Construction of 58 M Boundary wall at Government Primary School Medhi	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0.03	0.03	0.02	0.04	0.12	0.04	Yes	-	-
31	Renovation and support to Anganvadi-1 at Bamhauri village	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0	0.01	0.01	0.02	0.03	Yes	-	-
32	200 Awareness Wall paintings and slogans writing pertaining to different social themes at Mahurachh, Karmau, Bairiha and Tapa	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0.01	0	0	0	0.01	0.01	Yes	-	-
33	Distribution of stationery and Bag to 800 students from Govt Schools Hinauti, Sijahata, Medhi, Bamhauri, Chulhi, Malgaon, Majhiyar, Mankahari, Narsinghpur and Baghai	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0.01	0.01	0	0.02	0.03	Yes	-	-
34	Scholarship to 36 Meritorious (1st, 2nd and 3rd rank holder) Students from Government Higher Secondary School Sijahata and Bamhauri, Government Girls Middle School Sijahata, Government Middle School Mankahari, Hinauti, Baghai, Malgaon and Chulhi	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0.01	0	0	0.01	0.01	Yes	-	-
			Sub Total			0.04	0.07	0.08	0.06	0.25	0.20			
E.	Rural Infrastructure Development Schedule VII (X)													
35	Construction of 135 meters Pathway along with pond at Mankahari	Rural Infrastructure Development Schedule VII (X)	Yes	Madhya Pradesh	Satna	0	0.01	0.02	0	0.03	0.04	Yes	-	-
36	Construction of 100 running meter drainage at Chulhi	Rural Infrastructure Development Schedule VII (X)	Yes	Madhya Pradesh	Satna	0	0.02	0.02	0	0.04	0.03	Yes	-	-
37	Construction of 100 running meter drainage at Baghai	Rural Infrastructure Development Schedule VII (X)	Yes	Madhya Pradesh	Satna	0	0.02	0.02	0	0.04	0.03	Yes	-	-
38	Repairing and renewal of the Vindhya Club Community building badminton court flooring at Satna 24-25	Rural Infrastructure Development Schedule VII (X)	Yes	Madhya Pradesh	Satna	0.01	0.01	0	0	0.02	0.02	Yes	-	-

PRISM JOHNSON LTD.
CSR Activities Status and Expense Summary FY 2024-25 (Cement)

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-25 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation on Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
39	Construction of river ghat near devimandir at Hinauti	Rural Infrastructure Development Schedule VII (X)	Yes	Madhya Pradesh	Satna	0	0.02	0.02	0	0.04	0.04	Yes	-	-
40	Repairing and renewal of the Cremation shed at Malgaon 24-25	Rural Infrastructure Development Schedule VII (X)	Yes	Madhya Pradesh	Satna	0	0	0	0	0.00	0.00	Yes	-	-
			Sub Total			0.01	0.08	0.08	0.00	0.17	0.16			
F.	Social Welfare Schedule VII (iii, iv & vi)													
41	Support to Old Age Home, Dr. Lalta Prasad Khare Charitable Trust, Nimi Babupur	Social Welfare Schedule VII (iii)	Yes	Madhya Pradesh	Satna	0.02	0.02	0.01	0.01	0.06	0.06	No	Dr. Lalta Prasad Khare Public Charitable Trust Chandrashaya Sakariya Road Nimi Satna	CSR00000455
42	Distribution of thermo cot innerwear to 200 Sr. Citizens at Satna FY 24-25	Facilities for Senior Citizen Schedule VII (iii)	Yes	Madhya Pradesh	Satna	0	0	0	0	0.00	0.01	Yes	-	-
43	Assistance for Armed Forces Flag Day	Assistance Measures for development of societies, war widows, social weaker section of society, promoting art and culture Schedule VII (iii)	Yes	Madhya Pradesh	Satna	0	0	0.01	0	0.01	0.01	Yes	-	-
44	Distribution of 400 T-shirts to Women from Rewa under "Empowering Women" at Rewa	"Empowering Women" Schedule VII (iii) FY 24-25, Social welfare	Yes	Madhya Pradesh	Rewa	0	0	0	0	0.00	0.00	Yes	-	-
45	Fodder arrangement for 100 cows at Gaushala Mahurachh	Animal Welfare Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0.02	0.01	0	0	0.03	0.03	Yes	Jai Gurudev Group Of Social Welfare Organisation Nagod	CSR00015295

PRISM JOHNSON LTD.
CSR Activities Status and Expense Summary FY 2024-25 (Cement)

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-25 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation on Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
46	Assistance to Govansh Vikash Aum Anushandhan Kendra, Deendayal Research Institute, Chitrakoot FY 24-25	Animal Welfare Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0	0	0	0.00	0.05	No	Deen Dayal Research Institute, 7-E, Swami Ramtirth Nagar, Rani Jhansi Road, New Delhi, DL01, DL, 110055 Tel.: 07670-265623, email: drichitrakoot.org.in, info@dri.org.in Website: www.dri.org.in	CSR00008614
			Sub Total			0.04	0.03	0.02	0.01	0.10	0.16			
G.	Vocational Skill Development Schedule VII (ii)													
47	Training program for driver with license making for 50 persons from Rampur Baghelan Block	Vocational Skill Development Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0	0.01	0	0.01	0.01	Yes	-	-
48	Training program for Stitching for 33 persons from nearby villages. (Sijahata (15) and Baghai (18))	Vocational Skill Development Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0	0.02	0.01	0.03	0.04	Yes	Pipra Sewa Dal Biradari Sansthan, Gram Pipra Kala, Post Maihar, Satna	CSR00067053
49	Training program for farmers for organic farming to 50 farmers from Baghai, Sijahata, Hinauti, Bathiya, Bairiha, Mahurachh, Malgaon, Narsinghpur	Livelihood Assistance Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0	0.01	0	0.01	0.01	Yes	Pipra Sewa Dal Biradari Sansthan, Gram Pipra Kala, Post Maihar, Satna	CSR00067053
			Sub Total			0.00	0.00	0.04	0.01	0.05	0.06			
			Grand Total			0.23	0.41	0.30	0.17	1.11	1.18			

Oct-24 to Mar-25			
Particulars	Expenditure (Rs)		
	Unit-1	Unit-2	Total
Maintenance cost for operating air pollution controlling equipment's	675827.66	10215619.11	10891446.77
APCE power consumption Cost	32,295,065.60	47,446,393.17	79741458.77
STP Operation & maintenance	2,309,503.03		2309503.03
House Keeping			0.00
Plantation, Maintenance & survival	1,515,070.50		1515070.50
Environmental Study/Audit	531,000.00		531000.00
Environmental monitoring & Compliance	688,017.50	1,948,935.00	2636952.50
License/Permission	6,866,606		6866606.00
Others (RWH structure maintenance, Poster/Slogan etc)	259,033.60		259033.60
CEMS/ AAQMS Maintenance Cost	1,500,000.00		1500000.00
Expenditure from mines dept. (includes monitoring)	3,510,500.00		3510500.00
Total			109,761,571.17

Note:

1. Digital processing of mining lease is already considered.
2. JM mines monitoring is included in "expenditure from mines dept. row". Kindly add further expenses done in mines, in the same row.
3. In housekeeping row, data is yet not shared by civil dept. (even after multiple reminders) , will update once shared.
4. Unit-1 expense can be removed, if not required.



PRISMA CEMENT LIMITED

Works : Vill-Vaishankar, P.O.-Indira, Dist.-Sagar - 485111 (M.P.) India
Tel. : 007672 275203-2, 275211-22, Fax : 275201
Corps. Addl. : 'Rajkesh', Resr. Road, Sagar - 485001 (M.P.) India
Tel. : 007672 902726, Fax : 402710



Ref: PCU/ENV/2011/31/U2

Date: 11.04.2011

To,
Regional Director,
Ministry of Environment & Forests
Regional Office, Western Region
Ravishankar Nagar, Bhopal

Dear Sir,

Sub: Intimation of financial closure of the project

Your Ref: I-11011/949/2007-IA-II (I) Date 22.09.2008

With reference to above mentioned subject and letter, we would like to inform you that the date of financial closure / commercial production is 01.01.2011. A certificate in this regard is attached.

Thanking you,

Yours faithfully,
For PRISM CEMENT LIMITED

D.K. Singh
Jt. General Manager (Environment)

Enc: as above

मध्यप्रदेश शासन
जिला व्यापार एवं उद्योग केन्द्र, सतना

क्रमांक/जि.व्या.उके-सत/बृहद उद्योग/2011/

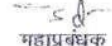
सतना दिनांक :-

उत्पादन प्रमाण पत्र

प्रमाणित किया जाता है कि मेसर्स प्रिज्म सीमेंट यूनिट- 2 (ए यूनिट आफ प्रिज्म सीमेंट लि0) ग्राम मनकहरी पो0 बठिया जिला-सतना (म0प्र0) को भारत सरकार उद्योग मंत्रालय से आई0ई0एम0 पार्ट बी जारी किया गया है जिसका नं0 3406/ आईआईएम/ पीआरओडी/2011 न्यू देहली दिनांक 27-1-11 है। इसमें वर्णित उत्पाद का नाम वार्षिक स्थापित क्षमता एवं उत्पादन दिनांक निम्नानुसार है :-

क्र0	आईएम कोड	उत्पाद का नाम	स्टाल कैपिसिटी	व्यवसायिक उत्पादन दिनांक
1-	3242	आल वैसइटीज आफ पोर्टलैण्ड सीमेंट	3600000 टन	1-1-2011
2-	3241	सीमेंट क्लिंकर	2300000 टन	1-1-2011

उपरोक्तानुसार एवं इकाई द्वारा प्रस्तुत किये गये अभिलेखों के आधार पर सीमेंट क्लिंकर की वार्षिक उत्पादन क्षमता 2300000 टन एवं आल वैसइटीज आफ पोर्टलैण्ड सीमेंट की वार्षिक उत्पादन क्षमता 3600000 टन के लिये, व्यवसायिक उत्पादन दिनांक 1-1-2011 है।


महाप्रबंधक

जिला व्यापार एवं उद्योग केन्द्र,
सतना(म0प्र0)

क्रमांक/जि.व्या.उके-सत/बृहद उद्योग/2011/ 65/5-
प्रतिलिपि :-

सतना दिनांक :- 31/3/11

मेसर्स प्रिज्म सीमेंट यूनिट- 2 (ए यूनिट आफ प्रिज्म सीमेंट लि0) ग्राम मनकहरी पो0 बठिया जिला-सतना (म0प्र0)।


महाप्रबंधक
जिला व्यापार एवं उद्योग केन्द्र,
सतना(म0प्र0)

नव स्वदेश, दिनांक 25.07.2008
सतना

आम सूचना

सर्वसाधारण को यह सूचित किया जाता है कि प्रिज्म सीमेंट (यूनिट-II) क्लिंकर प्रोडक्शन 3.0MTPA, सीमेंट प्रोडक्शन 6.7MTPA और माइन्स (हिनीती और सिजहटा 772.067 हे., हिनीती और सिजहटा 99.416 हे. मेढी 117.594 हे. और बगहाई - 512.317 हे.) मनकहरी, पोस्ट-बठिया जिला सतना (म.प्र.) का पर्यावरणीय क्लियरेंस हो गया है। पर्यावरणीय क्लियरेंस हो गया है। पर्यावरणीय क्लियरेंस की प्रति म.प्र. प्रदूषण नियंत्रण बोर्ड एवं पर्यावरण एवं वन मंत्रालय की वेब साइट [Ltp://entor.nic.in](http://entor.nic.in) पर उपलब्ध है।

सीएम 3630

देशबन्धु, सतना
दिनांक 25.07.2008

आम सूचना

सर्व साधारण को यह सूचित किया जाता है कि प्रिज्म सीमेंट (यूनिट-II) क्लिंकर प्रोडक्शन 3.0 एम टी पी ए, सीमेंट प्रोडक्शन 6.7 एम टी पी ए और माइन्स (हिनीती और सिजहटा 772.067 हे., हिनीती और सिजहटा 99.416 हे., मेढी 117.594 हे. और बगहाई 512.317 हे.) मनकहरी, पोस्ट बठिया जिला सतना (म.प्र.) का पर्यावरणीय क्लियरेंस हो गया है। पर्यावरणीय क्लियरेंस की प्रति म.प्र. प्रदूषण नियंत्रण बोर्ड एवं पर्यावरण एवं वन मंत्रालय की वेब साइट <http://entor.nic.in> पर उपलब्ध है।

प्रबंधक
प्रिज्म सीमेंट लि.
मनकहरी, जिला सतना म.प्र.

1. A state of the art ceramic membrane based automated Oil and Grease trapping unit with 5KLD capacity is installed for separation of oil and grease particles from water (ETP Photos)



- 2 . For domestic wastewater, there is a sewage treatment plant with capacity of 600 KLD

