

COMPLIANCE OF CONDITIONS AS STIPULATED BY MoEF VIDE LETTER NO. J - 11015 / 8 / 2000 - I A. II (M) DATED 14.2.2001 FOR ADDITIONAL LIMESTONE DEPOSIT OVER 66.434 HECT. AREA IN VILLAGE MANAKAHARI, TEHSIL RAMPUR BAGHELAN, DIST. SATNA (M.P.)

1.	The environmental clearance would be applicable 66.434 hect. lease area		
A.	Specific Conditions :		
(i)	Mining should be carried out 500 m away from the Rewa – Satna railway track.	→	No mining activities are carried out within 500 m vicinity of Rewa – Satna Railway track.
(ii)	The topsoil should be stacked properly with adequate measures at earmarked site. It should be used for reclamation and rehabilitation of mined out area.	→	Topsoil is being used for reclamation and rehabilitation of the mined out area. No outside stacking is being done.
(iii)	OB dumps should be stacked at earmarked dump site(s) only on temporary basis. Concurrent back – filling and reclamation should be carried out from the 3 rd year of operations.	⇒	Reclamation of the mined out area has been started from 3 rd year of operations as stipulated in the condition. 12.83 Ha. of mined out area has been reclaimed up to September 2022.
(iv)	A green belt of adequate width by planting the native plant species all around the ML area, roads, OB dump sites etc. should be raised in consultation with local DFO / Agriculture Department.	⇒	Green belt of adequate width is being developed. Year wise details of the plantation carried out so far are given in Annexure I . A rose garden has been developed in the colony. A nursery has also been developed where various types of saplings are prepared for plantation. Saplings planted April 2022 to September 2022 were 888 and cumulative plantation till March 2022 is 25944.
(v)	Drill should be operated with dust extractors or only wet drilling should be adopted.	⇒	Drill machine IBH 10 of Atlas Copco is in operation. This machine is fitted with water sprinkler that settles the dust generated at the time of drilling and thus prevents it from going into the atmosphere.
(vi)	Controlled blasting should be carried out.	⇒	Controlled blasting is being practiced.

(vii)	Check dam and siltation ponds of appropriate size should be constructed to arrest silt and sediments flow from OB and mineral dumps. The water so collected should be utilized for watering mine area, roads, greenbelt, etc. The drains should be regularly desilted and maintained properly.	⇒	Garland drain and siltation pond have been constructed to arrest the silt and sediment flow.
(viii)	Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring should be done four times a year– pre-monsoon April / May, Monsoon (August), Post-monsoon (November) and winter (January). Data thus collected should be sent at regular intervals to MoEF.	⇒	Being done. Ground water level monitoring data of post -monsoon (Month wise), have been given in Annexure II . Quality monitoring report of the ground water of the wells/bore holes is given in Annexure III .
(ix)	Crusher should be installed and operated with adequate capacity de-dusting arrangement	⇒	Crusher has already been installed with adequate capacity of de-dusting arrangement like bag - filters. Continuous water sprinkling arrangement at crusher hopper has also been made for suppressing the dust generated during unloading of the mineral in crusher hopper.
(x)	A detailed mine decommissioning plan should be submitted to MoEF 5 year in advance for approval.	⇒	Will be submitted.
B. GENERAL CONDITIONS			
(i)	No change on mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.	⇒	No changes have been made.
(ii)	No change in the calendar plan including excavation, quantum of limestone, waste / OB dumps should be made.	⇒	No changes have been made.
(iii)	Four ambient air quality monitoring stations should be established in the core zone as well as buffer zone for SPM, RPM, SO ₂ , NO _x and CO monitoring. Location of the ambient air quality stations should be decided based on the meteorological data, topographical features and environmentally sensitive targets in consultation with the State Pollution Control Board.	⇒	Four different monitoring stations are established and air quality is monitored twice in a month.
(iv)	Data of ambient air quality should be regularly submitted to the Ministry including	⇒	Being done regularly and submitted to the ministry and other government

	its Regional Office at Bhopal and the State Pollution Control Board / Central Pollution Control Board once in six months.		agencies. Ambient air quality monitoring results from April 2022 to Sep 2022 have been given in Annexure IV.																	
(v)	Adequate measures for control of fugitive emissions should be taken during drilling and blasting operations, loading and transportation of minerals etc.	⇒	<p>Adequate measures for control of fugitive emission are being taken during drilling and blasting operations, loading and transportation of mineral etc.</p> <ul style="list-style-type: none"> • Drill machine is operated with in-built dust extractor, which arrests the dust generated during the drilling operation. • Water sprinkling is done on the blasted muck after blasting to reduce the dust generation during the loading operation. • Water spraying is continuously done on haul roads. 																	
(vi)	Adequate measures should be taken for control of noise levels below 85 dB in the work environment.	⇒	<p>Being taken.</p> <p>Noise monitoring reports from April 2022 to Sep 2022 have been given in Annexure –V.</p>																	
(vii)	<p>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.</p> <p>Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposures to dust and take corrective measures, if needed.</p>	⇒	<p>Personal protective equipments are being provided to all personnel working in dusty area at regular intervals.</p> <p>Time to time, training and information on health and safety aspects are being imparted by the HRD Deptt. as well as at vocational training centre of the Deptt.</p> <p>All employees undergo periodical medical examination under Mines Act at regular intervals.</p>																	
(viii)	The funds earmarked for environmental protection measures should be kept in separate account and not diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment & Forests.	⇒	<p>Enviromental Expenditure of 2022-23</p> <table border="1"> <thead> <tr> <th></th> <th>Particulars</th> <th>Expenditure (In lakh)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Air Pollution Monitoring</td> <td>0.24</td> </tr> <tr> <td>2</td> <td>Noise Monitoring</td> <td>0.1</td> </tr> <tr> <td>3</td> <td>Plantation</td> <td rowspan="2">4.94</td> </tr> <tr> <td>4</td> <td>Dust Control Measure</td> </tr> <tr> <td></td> <td>Total</td> <td>5.24</td> </tr> </tbody> </table>		Particulars	Expenditure (In lakh)	1	Air Pollution Monitoring	0.24	2	Noise Monitoring	0.1	3	Plantation	4.94	4	Dust Control Measure		Total	5.24
	Particulars	Expenditure (In lakh)																		
1	Air Pollution Monitoring	0.24																		
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	Total	5.24																		

(ix)	The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated environmental safeguards. The project authority should send one set of EIA / EMP Report and Mining Plan to them and extend full co – operation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring report.	⇒	Photocopies of Rapid EIA – EMP Report and Mining Plan have already been sent. Co-operation is being extended to the inspecting Officials.
(x)	The Project authority should inform to the Regional Office located at Bhopal as well as to the Ministry of Environment & Forests regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	⇒	Agreed
(xi)	A copy of the clearance letter will be marked to concerned Panchayat / Local NGO, if any, from whom any suggestion / representation has been received while processing the proposal.	⇒	Agreed
(xii)	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.	⇒	
(xiii)	The Project authority should advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and the copy of the clearance letter is available with the state Pollution Control Board and may also be seen at the web site of the Ministry of Environment and Forests at http://envfor.nic.in .	⇒	The advertisement was published in two of the local newspapers viz. 'Dainik Bhaskar' and 'Naw Swadesh' which was earlier informed vide our letter no. MIN / 104 / 5820A dated 27.3.02.

Annexure 1

Year-wise plantation of 66.434 Ha ML			
S. No.	Year	Number of Plants planted	Greenbelt/ Colony/ CSR
1	2001-02	1132	0
2	2002-03	1937	449
3	2003-04	3522	4387
4	2004-05	982	571
5	2005-06	739	0
6	2006-07	1300	0
7	2007-08	720	600
8	2008-09	1104	4000
9	2009-10	1000	2330
10	2010-11	1640	7258
11	2011-12	1400	3698
12	2012-13	800	3100
13	2013-14	680	2740
14	2014-15	1600	2566
15	2015-16	1000	3200
16	2016-17	1000	37876
17	2017-18	1000	10000
18	2018-19	1000	15000
19	2019-20	1000	43364
20	2020-21	1000	35944
21	2021-22	500	14468
22	2022-23	888	11686
Total		25944	203237

ECOMEN LABORATORIES PVT. LTD.

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FORMAT NO. ECO/QS/FORMAT/23

REPORT NO: ECO LAB/Piezo/GW/09/22

TEST REPORT ISSUE DATE: 24.09.2022

REPORT OF WATER LEVEL MEASUREMENT

Name of the Customer : Prism Johnson Ltd.
Address of the Customer : Village - Mankahari,
Tehsil - Rampur Baghelan
Distt. Satna (M.P.)
Measurement by : ELPL Representative
Date of Measurement : 15.09.2022

Sl. No.	Piezometer Name	Water Level (meter)
1.	Near Colony Gate	07.85
2.	Behind B Block colony	07.30
3.	Behind C Block colony	03.41
4.	Auto Work Shop	12.68
5.	In Front Den	04.10
6.	Rose Garden near boundary	12.81
7.	Rose Garden near road	12.89
8.	Western Block Mines	07.80
9.	Near New Magazine Mines	08.23
10.	Mankahari Mines	14.64
11.	Mines near Ramprasan	10.71
12.	Medi Mines	12.24

Verified By


Technical Manager

Authorized By


Quality Manager

---End of Report---

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Sector-H, Aliganj, Lucknow-226024

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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	Prism Johnson Ltd. Village – Mankahari, Tehsil- Rampur, Baghelan, District Satna (M.P.)	ULR No.	TC953922000003883F
		Test Report No.	ECOLAB/DW/0492/3883/09/2022
		Issue Date of Test Report	28.09.2022
Type of Sample	Ground Water		
Sample Registration No.	492	Name of Location	Plant Site - Bore Well
Sampling Method	APIHA	Sample Collected By	ELPL Representative
Date of Sample Collection	13.09.2022	Time of Sample Collection	-
Date of Sample Received	17.09.2022	Time of Sample Received	2.20 PM
Start Date of Analysis	17.09.2022	End Date of Analysis	28.09.2022
Laboratory Environmental Condition	Temperature: 25 ± 2 °C	Sample Quantity	As per Requirement
	Humidity: 62 %	Sample ID Code	ECO/LAB/3883/09/2022

Sl. No.	TESTS	Unit	PROTOCOL	Detection Range	RESULT	INDIAN STANDARDS as per IS 10500:2012(Reaff:2018)	
						Desirable	Permissible
1.	Colour	Hazen	APHA, 23 rd Ed. 2017, 2120 B	5-100	<5.0	5.00	15.0
2.	Odour	-	APHA, 23 rd Ed. 2017, 2150 B	Qualitative	Agreeable	Agreeable	Agreeable
3.	Turbidity	NTU	APHA, 23 rd Ed. 2017, 2130-A+B	1 - 100	1.02	1.0	5.0
4.	pH	mg/l	APHA, 23 rd Ed. 2017, 4500H+ A+B	2.0 -12	7.39	6.5-8.5	No Relax.
5.	Total Dissolved Solids as TDS	mg/l	APHA, 23 rd Ed. 2017, 2540-C	5 - 5000	560.0	500	2000
6.	Alkalinity	mg/l	APHA, 23 rd Ed. 2017, 2320 A+ B	5-1500	156.0	200	600
7.	Total Hardness as CaCO ₃	mg/l	APHA, 23 rd Ed. 2017, 2340 A+C	5-1500	188.0	200.0	600.0
8.	Calcium as Ca	mg/l	APHA, 23 rd Ed. 2017, 3500 Ca A+B	5 - 1000	46.4	75.0	200.0
9.	Magnesium as Mg	mg/l	APHA, 23 rd Ed. 2017, 3500 Mg A+B	5-1000	17.49	30.0	100.0
10.	Chloride as Cl	mg/l	APHA, 23 rd Ed. 2017, 4500 Cl A+B	5-1000	38.0	250.0	1000.0
11.	Fluorides as F	mg/l	APHA, 23 rd Ed. 2017, 4500-C	0.05-10	0.36	1.0	1.5
12.	Sulfate as SO ₄	mg/l	APHA, 23 rd Ed. 2017, 4500-SO ₄ ²⁻ E	1.0-250	63.0	200.0	400.0
13.	Nitrate Nitrogen as NO ₃	mg/l	APHA, 23 rd Ed. 2017, 4500-NO ₃ ⁻ B	5.0 - 100	7.98	45.0	No Relax.
14.	Manganese as Mn	mg/l	APHA, 23 rd Ed. 2017, 3111 A+B	0.1-5	BDL	0.10	0.30
15.	Zinc as Zn	mg/l	APHA, 23 rd Ed. 2017, 3111 A+B	0.02-50	0.06	5.0	15
16.	Arsenic as As	mg/l	APHA, 23 rd Ed. 2017, 3114 C	0.01-2	BDL	0.01	0.05
17.	Total Chromium as Cr	mg/l	APHA, 23 rd Ed. 2017, 3111 - A +B	0.04-10	BDL	0.05	No Relax
18.	Copper as Cu	mg/l	APHA, 23 rd Ed. 2017, 3111 A+B	0.05-5	BDL	0.05	1.5
19.	Aluminium as Al	mg/l	APHA, 23 rd Ed. 2017(3111-A+B)	1.0-100	BDL	0.03	0.2
20.	Free Residual Chlorine	mg/l	APHA, 23 rd Ed. 2017, 4500-Cl B	0.5-10	BDL	0.20	1.0
21.	Sulphide as H ₂ S	mg/l	APHA, 23 rd Ed. 2017, Reprint 2007	0.04-10	BDL	0.05	No Relax
22.	Iron as Fe	mg/l	APHA, 23 rd Ed. 2017, 3500 Fe B	0.02-50	0.13	0.3	No Relax.

Statement of Conformity: The above tested parameters confirm as per IS-10500-2012 (Reaff.-2018) limits for above tested parameters and the results are related to the sample tested. **Note:- BDL-Below Detection Limit.**

Opinion/Observation:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

Verified By


Technical Manager

Authorized By


Quality Manager

----End of Report----

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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	Prism Johnson Ltd.	ULR No.	TC953922000003883P
	Village – Mankahari,	Test Report No.	ECOLAB/DW/0492/3883/09/2022
	Tehsil- Rampur, Baghelan, District Satna (M.P.)	Issue Date of Test Report	28.09.2022
Type of Sample	Ground Water		
Sample Registration No.	492	Name of Location	Plant Site - Bore Well
Sampling Method	APHA	Sample Collected By	ELPL Representative
Date of Sample Collection	13.09.2022	Time of Sample Collection	-
Date of Sample Received	17.09.2022	Time of Sample Received	2.20 PM
Start Date of Analysis	17.09.2022	End Date of Analysis	28.09.2022
Laboratory Environmental Condition	Temperature: 25 ± 2 °C	Sample Quantity	As per Requirement
	Humidity: 62 %	Sample ID Code	ECO/LAB/3883/09/2022

Sl. No.	TESTS	Unit	PROTOCOL	Detection Range	RESULT	INDIAN STANDARDS as per IS 10500:2012(Reaff:2018)	
						Desirable	Permissible
1.	Taste	-	APHA, 23 rd Ed. 2017, A+B	Qualitative	Agreeable	Agreeable	Agreeable
2.	Lead as Pb	mg/l	APHA, 23 rd Ed. 2017, 3111 A+B	0.01-2	BDL	0.01	No Relax.
3.	Cadmium as Cd	mg/l	APHA, 23 rd Ed. 2017, 3111 A+B	0.002-2	BDL	0.003	No Relax
4.	Nickel as Ni	mg/l	APHA, 23 rd Ed. 2017, 3111 A+B	0.02-5	BDL	0.02	No Relax
5.	Mercury as Hg	mg/l	APHA, 23 rd Ed. 2017, 3112 A+B	0.001-1	BDL	0.001	No Relax.
6.	Boron as B	mg/l	APHA, 23 rd Ed. 2017, 4500 B A+C	0.2 – 10	0.25	0.5	1.0
7.	Iodide as I	mg/l	APHA, 23 rd Ed. 2017, 4500 – 1B	0.1-10	BDL	-	-
8.	Total coliform	MPN/100 ml	APHA, 23 rd Ed. 2017, 9221 B+C	1.8	Absent	Absent	Absent
9.	<i>E.coli</i>	MPN/100 ml	APHA, 23 rd Ed. 2017, 9221B+E	1.8	Absent	Absent	Absent

Statement of Conformity: The above tested parameters confirm as per IS-10500-2012 (Reaff.-2018) limits for above tested parameters and the results are related to the sample tested. **Note:- BDL**-Below Detection Limit.

Opinion/Observation:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

Verified By



Technical Manager

Authorized By



Quality Manager

---End of Report---

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Second Floor Hall, House No. B-1/8,
Sector-H, Aliganj, Lucknow-226024

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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	Prism Johnson Ltd. Village – Mankahari, Tehsil- Rampur, Baghelan, District Satna (M.P.)	ULR No.	TC95392200003889F
		Test Report No.	ECOLAB/DW/0492/3889/09/2022
		Issue Date of Test Report	28.09.2022
Type of Sample	Ground Water		
Sample Registration No.	492	Name of Location	Mankahari Village – Hand Pump
Sampling Method	APHA	Sample Collected By	ELPL Representative
Date of Sample Collection	13.09.2022	Time of Sample Collection	-
Date of Sample Received	17.09.2022	Time of Sample Received	2.20 PM
Start Date of Analysis	17.09.2022	End Date of Analysis	28.09.2022
Laboratory Environmental Condition	Temperature: 25 ± 2 °C	Sample Quantity	As per Requirement
	Humidity: 62 %	Sample ID Code	ECO/LAB/3889/09/2022

Sl. No.	TESTS	Unit	PROTOCOL	Detection Range	RESULT	INDIAN STANDARDS as per IS 10500:2012(Reaff:2018)	
						Desirable	Permissible
1.	Colour	Hazen	APHA, 23 rd Ed. 2017, 2120 B	5-100	<5.0	5.00	15.0
2.	Odour	-	APHA, 23 rd Ed. 2017, 2150 B	Qualitative	Agreeable	Agreeable	Agreeable
3.	Turbidity	NTU	APHA, 23 rd Ed. 2017, 2130-A+B	1 - 100	1.18	1.0	5.0
4.	pH		APHA, 23 rd Ed. 2017, 4500H+ A+B	2.0 -12	7.72	6.5-8.5	No Relax.
5.	Total Dissolved Solids as TDS	mg/l	APHA, 23 rd Ed. 2017, 2540-C	5 - 5000	677.0	500	2000
6.	Alkalinity	mg/l	APHA, 23 rd Ed. 2017, 2320 A+ B	5-1500	216.0	200	600
7.	Total Hardness as CaCO ₃	mg/l	APHA, 23 rd Ed. 2017, 2340 A+C	5-1500	260.0	200.0	600.0
8.	Calcium as Ca	mg/l	APHA, 23 rd Ed. 2017, 3500 Ca A+B	5 - 1000	62.4	75.0	200.0
9.	Magnesium as Mg	mg/l	APHA, 23 rd Ed. 2017, 3500 Mg A+B	5-1000	25.27	30.0	100.0
10.	Chloride as Cl	mg/l	APHA, 23 rd Ed. 2017, 4500 Cl A+B	5-1000	60.0	250.0	1000.0
11.	Fluorides as F	mg/l	APHA, 23 rd Ed. 2017, 4500-C	0.05-10	0.40	1.0	1.5
12.	Sulfate as SO ₄	mg/l	APHA, 23 rd Ed. 2017, 4500-SO ₄ ²⁻ E	1.0 -250	78.9	200.0	400.0
13.	Nitrate Nitrogen as NO ₃	mg/l	APHA, 23 rd Ed. 2017, 4500-NO ₃ ⁻ B	5.0 - 100	12.4	45.0	No Relax.
14.	Manganese as Mn	mg/l	APHA, 23 rd Ed. 2017, 3111 A+B	0.1-5	BDL	0.10	0.30
15.	Zinc as Zn	mg/l	APHA, 23 rd Ed. 2017, 3111 A+B	0.02-50	0.28	5.0	15
16.	Arsenic as As	mg/l	APHA, 23 rd Ed. 2017, 3114 C	0.01-2	BDL	0.01	0.05
17.	Total Chromium as Cr	mg/l	APHA, 23 rd Ed. 2017, 3111 - A +B	0.04-10	BDL	0.05	No Relax
18.	Copper as Cu	mg/l	APHA, 23 rd Ed. 2017, 3111 A+B	0.05-5	BDL	0.05	1.5
19.	Aluminium as Al	mg/l	APHA, 23 rd Ed. 2017(3111-A+B)	1.0-100	BDL	0.03	0.2
20.	Free Residual Chlorine	mg/l	APHA, 23 rd Ed. 2017, 4500-Cl B	0.5-10	BDL	0.20	1.0
21.	Sulphide as H ₂ S	mg/l	APHA, 23 rd Ed. 2017, Reprint 2007	0.04-10	BDL	0.05	No Relax
22.	Iron as Fe	mg/l	APHA, 23 rd Ed. 2017, 3500 Fe B	0.02-50	0.19	0.3	No Relax.

Statement of Conformity: The above tested parameters confirm as per IS-10500-2012 (Reaff.-2018) limits for above tested parameters and the results are related to the sample tested. **Note:-** BDL-Below Detection Limit.

Opinion/Observation:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

Verified By


Technical Manager

Authorized By


Quality Manager

---End of Report---

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TEST REPORT

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						Desirable	Permissible
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2.	Lead as Pb	mg/l	APHA, 23 rd Ed. 2017, 3111 A+B	0.01-2	BDL	0.01	No Relax.
3.	Cadmium as Cd	mg/l	APHA, 23 rd Ed. 2017, 3111 A+B	0.002-2	BDL	0.003	No Relax.
4.	Nickel as Ni	mg/l	APHA, 23 rd Ed. 2017, 3111 A+B	0.02-5	BDL	0.02	No Relax.
5.	Mercury as Hg	mg/l	APHA, 23 rd Ed. 2017, 3112 A+B	0.001-1	BDL	0.001	No Relax.
6.	Boron as B	mg/l	APHA, 23 rd Ed. 2017, 4500 B A+C	0.2 – 10	0.20	0.5	1.0
7.	Iodide as I	mg/l	APHA, 23 rd Ed. 2017, 4500 – 1B	0.1-10	BDL	-	-
8.	Total coliform	MPN/100 ml	APHA, 23 rd Ed. 2017, 9221 B+C	1.8	Absent	Absent	Absent
9.	E.coli	MPN/100 ml	APHA, 23 rd Ed. 2017, 9221B+E	1.8	Absent	Absent	Absent

Statement of Conformity: The above tested parameters confirm as per IS-10500-2012 (Reaff.-2018) limits for above tested parameters and the results are related to the sample tested. **Note:- BDL**-Below Detection Limit.

Opinion/Observation:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

Verified By

Technical Manager

Authorized By

Quality Manager

---End of Report---

Ecomen Laboratories Pvt. Ltd.
Second Floor Hall, House No. B-1/8,
Sector-H, Aliganj, Lucknow-226024

**PRISM JOHNSON LIMITED
SATNA (M.P.)**


AMBIENT NOISE MONITORING REPORT

**MONTH- APRIL
YEAR -2022**

1. Name and address of Factory : **PRISM JOHNSON LTD.**
Prism Cement Limestone Mines
Village- Mankahari, Hinauti Sijahata
Post - Bathia
Dist - Satna (M.P) - 485111
2. Name of person prepared the report : Garima Sharma
3. Details of noise monitoring :-

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	20.04.2022	61.67	54.57
2	Near Western side ML boundary (Pillar No. 14) of ML area	20.04.2022	60.35	53.42
3	Mankahari Village	20.04.2022	57.02	50.12
4	Hinauti village	20.04.2022	57.42	51.82


Sumitabh Dwivedi
Sr. Manager – Environment


Manoj Kumar Kashyap
Asst. Vice President

**PRISM JOHNSON LIMITED
SATNA (M.P.)**

AMBIENT NOISE MONITORING REPORT

**MONTH- MAY
YEAR -2022**

1. Name and address of Factory : **PRISM JOHNSON LTD.**
Prism Cement Limestone Mines
Village- Mankahari, Hinauti Sijahata
Post - Bathia
Dist - Satna (M.P) - 485111
2. Name of person prepared the report : Garima Sharma
3. Details of noise monitoring :-

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	14.05.2022	59.55	54.22
2	Near Western side ML boundary (Pillar No. 14) of ML area	14.05.2022	57.83	51.37
3	Mankahari Village	14.05.2022	57.82	49.93
4	Hinauti village	14.05.2022	59.10	52.32



Sumitabh Dwivedi
Sr. Manager – Environment



Manoj Kumar Kashyap
Asst. Vice President

**PRISM JOHNSON LIMITED
SATNA (M.P.)**


AMBIENT NOISE MONITORING REPORT

**MONTH- JUNE
YEAR -2022**

1. Name and address of Factory : **PRISM JOHNSON LTD.**
Prism Cement Limestone Mines
Village- Mankahari, Hinauti Sijahata
Post - Bathia
Dist - Satna (M.P) - 485111
2. Name of person prepared the report : Garima Sharma
3. Details of noise monitoring :-

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	20.06.2022	60.45	55.4
2	Near Western side ML boundary (Pillar No. 14) of ML area	20.06.2022	60.00	54.45
3	Mankahari Village	20.06.2022	60.45	53.32
4	Hinauti village	20.06.2022	59.32	53.92


Sumitabh Dwivedi
Sr. Manager – Environment


Manoj Kumar Kashyap
Asst. Vice President

**PRISM JOHNSON LIMITED
SATNA (M.P.)**

AMBIENT NOISE MONITORING REPORT

**MONTH- JULY
YEAR -2022**

1. Name and address of Factory : **PRISM JOHNSON LTD.**
Prism Cement Limestone Mines
Village- Mankahari, Hinauti Sijahata
Post - Bathia
Dist - Satna (M.P) - 485111
2. Name of person prepared the report : Garima Sharma
3. Details of noise monitoring :-

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	14.07.2022	58.65	52.32
2	Near Western side ML boundary (Pillar No. 14) of ML area	14.07.2022	57.9	51.2
3	Mankahari Village	14.07.2022	56.12	49.25
4	Hinauti village	14.07.2022	57.9	51.75


Sumitabh Dwivedi
Sr. Manager – Environment


Manoj Kumar Kashyap
Asst. Vice President

**PRISM JOHNSON LIMITED
SATNA (M.P.)**

AMBIENT NOISE MONITORING REPORT

**MONTH- AUGUST
YEAR -2022**

1. Name and address of Factory : **PRISM JOHNSON LTD.**
Prism Cement Limestone Mines
Village- Mankahari, Hinauti Sijahata
Post - Bathia
Dist. - Satna (M.P) - 485111
2. Name of person prepared the report : Garima Sharma
3. Details of noise monitoring :-

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	19.08.2022	56.27	52.37
2	Near Western side ML boundary (Pillar No. 14) of ML area	19.08.2022	55.97	51.60
3	Mankahari Village	19.08.2022	53.62	49.87
4	Hinauti village	19.08.2022	55.57	51.37


Sumitabh Dwivedi
Sr. Manager – Environment


Manoj Kumar Kashyap
Asst. Vice President

**PRISM JOHNSON LIMITED
SATNA (M.P.)**

AMBIENT NOISE MONITORING REPORT

**MONTH- SEPTEMBER
YEAR -2022**

1. Name and address of Factory : **PRISM JOHNSON LTD.**
Prism Cement Limestone Mines
Village- Mankahari, Hinauti Sijahata
Post - Bathia
Dist. - Satna (M.P) - 485111
2. Name of person prepared the report : Garima Sharma
3. Details of noise monitoring :-

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	19.09.2022	57.42	51.12
2	Near Western side ML boundary (Pillar No. 14) of ML area	19.09.2022	55.15	49.97
3	Mankahari Village	19.09.2022	51.19	47.75
4	Hinauti village	19.09.2022	54.25	48.82



**Sumitabh Dwivedi
Sr. Manager – Environment**



**Manoj Kumar Kashyap
Asst. Vice President**

**AIR QUALITY MONITORING REPORT FOR MINES.
MONTH - APRIL 2022**

1 NAME & ADDRESS OF FACTORY : PRISM JOHNSON LTD
PRISM CEMENT LIMESTONE MINES
VILLAGE: MANKAHARI, HINAUTI & SIJAHATA
POST : BATHIA
DISTT : SATNA (M.P.)- 485111

2 NAME OF PERSON PREPARED THE REPORT : Garima Sharma

3 AMBIENT AIR QUALITY MONITORING
1. DURATION : 8X3=24Hrs.
2. DISTANCE FROM FACTORY : LOCATION (1) - SW (BP No. 18)
LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area
LOCATION (3) - Near Mankahari Village
LOCATION (4) - Near Hinouti Village

3. WIND DIRECTION : MENTIONED IN THE TABLE

Sl No.	Date	Location (1)					Location (2)					Location (3)					Location (4)					Wind
		PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	Direction
1	06.04.2022	33.42	69.84	45.91	48.54	BDL	32.55	67.92	42.53	46.52	BDL	30.24	56.56	41.66	43.68	BDL	30.97	62.28	41.66	43.68	BDL	From SE
2	20.04.2022	34.99	66.25	44.19	46.92	BDL	33.49	65.76	43.75	45.3	BDL	31.61	59.03	41.98	43.14	BDL	31.71	59.72	41.98	43.14	BDL	SW

BDL - Below Detectable Limit



Sumitabh Dwivedi
Sr. Manager- Environment
Prism Johnson Ltd. Satna (M.P.)



Manoj Kumar Kashyap
Asst. Vice President
Prism Johnson Ltd. Satna (M.P.)

**AIR QUALITY MONITORING REPORT FOR MINES
MONTH - MAY 2022**

1 NAME & ADDRESS OF FACTORY : PRISM JOHNSON LTD
PRISM CEMENT LIMESTONE MINES
VILLAGE: MANKAHARI, HINAUTI & SIJAHATA
POST : BATHIA
DISTT : SATNA (M.P.)- 485111

2 NAME OF PERSON PREPARED THE REPORT : Garima Sharma

3 AMBIENT AIR QUALITY MONITORING
1. DURATION : 8X3=24Hrs.
2. DISTANCE FROM FACTORY : LOCATION (1) - SW (BP No. 18)
LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area
LOCATION (3) - Near Mankahari Village
LOCATION (4) - Near Hinouti Village

3. WIND DIRECTION : MENTIONED IN THE TABLE

Sl No.	Date	Location (1)					Location (2)					Location (3)					Location (4)					Wind
		PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	Direction
1	07.05.2022	35.71	61.1	46.5	50.34	BDL	34.93	60.46	45.13	47.19	BDL	31.54	62.76	40.5	42.47	BDL	31.58	62.34	41.66	44.13	BDL	SE
2	21.05.2022	33.94	63.58	48.61	51.77	BDL	32.19	66.22	46.18	48.54	BDL	30.24	64.3	39.77	43.14	BDL	30.7	61.93	42.53	45.84	BDL	SE

BDL - Below Detectable Limit


Sumitabh Dwivedi
Sr. Manager- Environment
Prism Johnson Ltd. Satna (M.P.)


Manoj Kumar Kashyap
Asst. Vice President
Prism Johnson Ltd. Satna (M.P.)

**AIR QUALITY MONITORING REPORT FOR MINES
MONTH - JUNE 2022**

1. NAME & ADDRESS OF FACTORY : PRISM JOHNSON LTD
PRISM CEMENT LIMESTONE MINES
VILLAGE: MANKAHARI, HINALUTI & SIAHATA
POST: BATHIA
DISTT: SATNA (M.P.)-485111

2. NAME OF PERSON PREPARED THE REPORT : Subhash Kumar Yadav

3. AMBIENT AIR QUALITY MONITORING
1. DURATION : 8X3-24Hrs.
2. DISTANCE FROM FACTORY : LOCATION (1) - SW (BP No. 18)
LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area
LOCATION (3) - Near Mankahari Village
LOCATION (4) - Near Hinouti Village

3. WIND DIRECTION : MENTIONED IN THE TABLE

Sl No.	Date	Location (1)						Location (2)						Location (3)						Location (4)						Wind Direction		
		PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	From	To	
1	08.06.2022	32.11	64.2	47.07	46.58	BDL	31.76	60.12	46.52	43.2	BDL	28.76	53.66	39.1	38.88	BDL	30.09	55.3	40.45	39.77	BDL	28.54	53.12	38.43	48.8	BDL	BDL	SE
2	22.06.2022	29.97	55.14	43.68	44.19	BDL	28.84	55.74	42.65	43.74	BDL	27.95	52.89	37.75	37.8	BDL	28.54	53.12	38.43	48.8	BDL	28.54	53.12	38.43	48.8	BDL	BDL	SE

BDL - Below Detectable Limit


Sumitabh Dwivedi
Sr. Manager- Environment
Prism Johnson Ltd. Satna (M.P.)


Manoj Kumar Kashyap
Asst. Vice President
Prism Johnson Ltd. Satna (M.P.)

**AIR QUALITY MONITORING REPORT FOR MINES
MONTH - JULY 2022**

1 NAME & ADDRESS OF FACTORY : PRISM JOHNSON LTD
PRISM CEMENT LIMESTONE MINES
VILLAGE: MANKAHARI, HINAUTI & SIJAHATA
POST : BATHIA
DISTT : SATNA (M.P.)- 485111

2 NAME OF PERSON PREPARED THE REPORT : Garima Sharma

3 AMBIENT AIR QUALITY MONITORING
1. DURATION : 8X3=24Hrs.
2. DISTANCE FROM FACTORY : LOCATION (1) - SW (BP No. 18)
LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area
LOCATION (3) - Near Mankahari Village
LOCATION (4) - Near Hinouti Village

3. WIND DIRECTION : MENTIONED IN THE TABLE

Sl No.	Date	Location (1)					Location (2)					Location (3)					Location (4)					Wind Direction
		PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	
1	08.07.2022	30.51	48.86	42.53	44.94	BDL	29.82	55.44	41.93	42.07	BDL	28.27	46.44	37.80	38.24	BDL	29.35	51.41	38.19	39.29	BDL	SE
2	23.07.2022	28.76	49.77	41.31	42.65	BDL	27.77	46.55	40.50	40.45	BDL	26.61	45.16	38.19	37.21	BDL	28.59	48.52	39.49	38.43	BDL	SE

BDL - Below Detectable Limit


Sumitabh Dwivedi
Sr. Manager- Environment
Prism Johnson Ltd. Satna (M.P.)


Manoj Kumar Kashyap
Asst. Vice President
Prism Johnson Ltd. Satna (M.P.)

**AIR QUALITY MONITORING REPORT FOR MINES
MONTH - SEPTEMBER 2022**

1 NAME & ADDRESS OF FACTORY : PRISM JOHNSON LTD
PRISM CEMENT LIMESTONE MINES
VILLAGE: MANKAHARI, HINAUTI & SIJAHATA
POST : BATHIA
DIST : SATNA (M.P.)- 485111

2 NAME OF PERSON PREPARED THE REPORT : Garima Sharma

3 AMBIENT AIR QUALITY MONITORING
1. DURATION : 8X3=24Hrs
2. DISTANCE FROM FACTORY : LOCATION (1) - SW (BP No. 18)
LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area
LOCATION (3) - Near Mankahari Village
LOCATION (4) - Near Hinouti Village

3. WIND DIRECTION : MENTIONED IN THE TABLE

Sl No.	Date	Location (1)					Location (2)					Location (3)					Location (4)					Wind Direction	
		PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM 2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3		
1	07.09.2022	38.65	67.87	39.49	41.80	BDL	50.54	76.54	41.98	41.18	BDL	27.12	50.42	38.19	39.55	BDL	29.66	77.87	40.50	40.45	BDL	From	NE
2	22.09.2022	49.76	51.98	43.74	45.60	BDL	31.02	49.44	42.53	43.14	BDL	44.65	59.76	39.77	40.45	BDL	52.76	50.58	41.31	41.80	BDL	From	SE

BDL - Below Detectable Limit


Sumitabh Dwivedi
Sr. Manager- Environment
Prism Johnson Ltd. Satna (M.P.)


Manoj Kumar Kashyap
Asst. Vice President
Prism Johnson Ltd. Satna (M.P.)