



Through Regd. AD

MIN / 2019 – 19276

०४th की सोच 2019

To,
Director
Ministry of Environment & Forests
Regional Office, Western Region
Kendriya Paryavaran Bhavan
Link Road No. 3
E - 5, Ravishankar Nagar
Bhopal – 462 016

Sub: Compliance report of additional limestone deposit over 66.434 ha area at village Manakahari, Tehsil Rampur Baghelan, Dist. Satna of M/s Prism Johnson Ltd.

Ref: Your letter no. J - 11015 / 8 / 2000 - I A. II (M) dated 14.2.2001.

Dear Sir,

We are sending enclosed herewith the six monthly compliance report of the environmental clearance granted for additional limestone deposit at village Manakahari, Tehsil Rampur Baghelan, Dist. Satna (M.P.) vide the letter no. J-11015/8/2000-IA. II (M) dated 14.2.2001 along with necessary enclosures.

We hope you will find the same in order.

Thanking you.

Yours faithfully,

For, Prism Johnson Ltd.

Shashi.
04/12/2019

Mines Manager
Prism Cement Limestone Mines

PRISMJOHNSON 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, Laxmi Niwas Apartments, Ameerpet, Hyderabad - 500 016, India.
w: www.prismjohnson.in, www.cement.prismjohnson.in, E: info@prismjohnson.in



CIN: L26942TG1992PLC014033

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.)

The environmental clearance would be applicable **66.434 hect.** lease area

1.

A. Specific Conditions :

- | | | |
|-------|---|---|
| (i) | Mining should be carried out 500 m away from the Rewa – Satna railway track. | □ We are not carried out any mining activities within 500 m from the 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. 12.33 Ha. of mined out area has been reclaimed up to March-2019. |
| | | No waste rock generated from April-19 to Sep-19 to be used in backfilling of the mined out area. |
| (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 2019 to Sep 2019 were 1000 and cumulative plantation till Sep 2019 is 23556. |
| (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 | □ Garland drain and siltation pond have |

- 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.
- (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 change have been made.
- (ii) No change in the calendar plan including excavation, quantum of limestone, waste / OB dumps should be made. There is No change in excavation ,quantum of Limestone ,waste/OB dumps .Mining Activity is carry on as per Approved Mining Plan.
- (iii) Four ambient air quality monitoring stations should be established in the core zone as well as buffer zone for SPM, RPM, SO₂, 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 at core and buffer zone and air quality is monitored twice in a month.
- (iv) Data of ambient air quality should be regularly submitted to the Ministry including its Regional Office at Bhopal and the State Being done regularly and submitted to the ministry and other government agencies. Ambient air quality

Pollution Control Board / Central Pollution Control Board once in six months.

monitoring results from April-19 to Sep-19 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.

□ Adequate measures for control of fugitive emission are being taken during drilling and blasting operations, loading and transportation of mineral etc.

- 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.

□ Being taken.

Noise monitoring reports from April-19 to Sep-19 have been given in **Annexure –V**.

(vii) 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.

□ Personal protective equipments are being provided to all personnel working in dusty area at regular intervals.

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.

All employees undergo periodical medical examination under Mines Act at regular intervals.

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.

(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.

□

Environment Expenditure 2019 - 20 (April to Sep)

	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

(ix) The Regional Office of this Ministry located at Bhopal shall monitor compliance of the

□ Photocopies of Rapid EIA – EMP Report and Mining Plan have already

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.

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.

PRISM JOHNSON LIMITED, SATNA(M.P.)

SUMMARY OF AFFORESTATION ,Lease Area,66.434 Ha

S.No.	Year	ML area 66.434 Ha.	Green Belt /Clony/CSR
		No. of Plants	
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
Total		23556	141139

Peizometer Level Prism Johnson Ltd

Sr. Num	Location	Depth Of	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19
1	Behind C block (Peizometer)	60	5.38	5.25	5.81	6.22	6.85	7.3	4.8
2	Infront Den (Peizometer)	60	6.28	5.92	6.72	6.35	7	7.7	5.2
3	Behind B block (Peizometer)	60	19.95	16.12	25.21	16.1	16.2	18.25	18.05
4	Near colony gate (Peizometer)	60	17.8	14.63	21.17	14.76	14.9	16.19	12
5	Mine New magazine	50	12.55	11.23	13.03	13.6	13.95	14.9	11.4
6	Mine Ramprashan area	50	14.17	12.37	14.12	13.4	13.7	15.5	12.1
7	Mine Western block	50	8.57	7.3	8.01	7.8	8.05	8.9	7.9
8	Mine Mendhi	50	10.11	9.27	11.48	9.07	9.8	10.6	9.5

Aug-19	Sep-19
1.54	1.85
2.5	2.27
4.14	6.4
3.77	6.3
7.8	9.7
2.85	9.1
6.9	7.8
2.1	4.54

ECOMEN LABORATORIES PVT. LTD.

Flat No. 8, 2nd Floor, Arif Chamber-V, Sector H, Aliganj, Lucknow - 226 024

Phone No. : (91-522) 2746282, 2745726 Telefax No.: (91 - 522) 2745726

E-mail: ravi.bhargava@gmail.com, Website: www.ecomen.in, CIN - U74210UP1989PTC010601, GSTIN : 09AAACE6076H1Z1



FORMAT NO. ECO/QS/FORMAT/09

TEST REPORT NO:ECO LAB/DW/06/19

TEST REPORT ISSUE DATE: 20.06.2019

TEST REPORT OF DRINKING WATER*

Name of the Company : M/s. Prism Johnson Ltd.

Address of the Company : Village Mankahari,
Tehsil Rampur Baghelan
Distt.Satna (M.P.)

Sampling Method : APHA/ IS: 3025

Sample Collected by : Mr.Maan Singh

Sample Quantity : As per requirement

Date of Sampling : 10.06.2019

Date of Receiving : 11.06.2019

Date of Analysis : 11.06.2019 to 19.06.2019

Source of Sample : Mankahari Village – Hand Pump

Sl No.	TESTS	PROTOCOL	RESULT	Detection Range	INDIAN STANDARDS as per IS 10500:1991(Reaff:2012)	
					Desirable	Permissible
1.	Colour (Hazen unit)	APHA, 23 rd Ed. 2017, 2120 B	<5.0	5-100	5.00	15.0
2.	Odour	APHA, 23 rd Ed. 2017, 2150 B	Agreeable	Qualitative	Agreeable	Agreeable
3.	Taste	APHA, 23 rd Ed. 2017, A+B	Agreeable	Qualitative	Agreeable	Agreeable
4.	Turbidity as (NTU)	APHA, 23 rd Ed. 2017, 2130-A+B	BDL	1 - 100	1.0	5.0
5.	pH	APHA, 23 rd Ed. 2017, 4500H+ A+B	7.31	2.0 -12	6.5-8.5	No Relax.
6.	Total Dissolved Solids as TDS (mg/l)	APHA, 23 rd Ed. 2017, 2540-C	655.0	5 - 5000	500	2000
7.	Alkalinity (mg/l)	APHA, 23 rd Ed. 2017, 2320 A+ B	180.0	5-1500	200	600
8.	Total Hardness as CaCO ₃ (mg/l)	APHA, 23 rd Ed. 2017, 2340 A+C	286.0	5-1500	200.0	600.0
9.	Calcium as Ca (mg/l)	APHA, 23 rd Ed. 2017, 3500 Ca A+B	74.4	5 - 1000	75.0	200.0
10.	Magnesium as Mg (mg/l)	APHA, 23 rd Ed. 2017, 3500 Mg A+B	24.3	5-1000	30.0	100.0
11.	Chloride as Cl (mg/l)	APHA, 23 rd Ed. 2017, 4500 Cl A+B	84.0	5-1000	250.0	1000.0
12.	Fluorides as F (mg/l)	APHA, 23 rd Ed. 2017, 4500-C	0.55	0.05-10	1.0	1.5
13.	Sulfate as SO ₄ (mg/l)	APHA, 23 rd Ed. 2017, 4500-SO ₄ ²⁻ E	137.9	1.0 -250	200.0	400.0
14.	Nitrate Nitrogen as NO ₃ (mg/l)	APHA, 23 rd Ed. 2017, 4500-NO ₃ ⁻ B	22.02	5.0 - 100	45.0	No Relax.
15.	Manganese as Mn (mg/l)	APHA, 23 rd Ed. 2017, 3111 A+B	BDL	0.1-5	0.10	0.30
16.	Zinc as Zn (mg/l)	APHA, 23 rd Ed. 2017, 3111 A+B	0.26	0.02-50	5.0	15
17.	Lead as Pb (mg/l)	APHA, 23 rd Ed. 2017, 3111 A+B	BDL	0.01-2	0.01	No Relax.
18.	Cadmium as Cd (mg/l)	APHA, 23 rd Ed. 2017, 3111 A+B	BDL	0.002-2	0.003	No Relax
19.	Nickel as Ni (mg/l)	APHA, 23 rd Ed. 2017, 3111 A+B	BDL	0.02-5	0.02	No Relax
20.	Arsenic as As (mg/l)	APHA, 23 rd Ed. 2017, 3114 C	BDL	0.01-2	0.01	0.05
21.	Total Chromium as Cr (mg/l)	APHA, 23 rd Ed. 2017, 3111 - A +B	BDL	0.04-10	0.05	No Relax
22.	Mercury as Hg (mg/l)	APHA, 23 rd Ed. 2017, 3112 A+B	BDL	0.001-1	0.001	No Relax.
23.	Copper as Cu (mg/l)	APHA, 23 rd Ed. 2017, 3111 A+B	BDL	0.05-5	0.05	1.5
24.	Boron as B (mg/l)	APHA, 23 rd Ed. 2017, 4500 B A+C	BDL	0.2 - 10	0.5	1.0
25.	Aluminium as Al (mg/l)	APHA, 23 rd Ed. 2017 (3111-A+B)	BDL	1.0-100	0.03	0.2
26.	Free Residual Chlorine (mg/l)	APHA, 23 rd Ed. 2017, 4500-Cl B	BDL	0.5-10	0.20	1.0
27.	Sulphide as H ₂ S (mg/l)	APHA, 23 rd Ed. 2017, Reprint 2007	BDL	0.04-10	0.05	No Relax
28.	Iodide as I (mg/l)	APHA, 23 rd Ed. 2017, 4500 - IB	BDL	0.1-10	-	-
29.	Iron as Fe (mg/l)	APHA, 23 rd Ed. 2017, 3500 Fe B	0.25	0.02-50	0.3	No Relax.
30.	Total coliform (MPN/100 ml)	APHA, 23 rd Ed. 2017, 9221 B+C	Absent	1.8	Absent	Absent
31.	E.coli (Nos/100)	APHA, 23 rd Ed. 2017, 9221B+E	Absent	1.8	Absent	Absent

*The result are related only to item tested.

BDL = Below Detection Limit

Archana
Analyst

Maan Singh
Authorized signatory
Ecomen Laboratories Pvt. Ltd.
Flat No-8 2nd Floor, Arif Chamber-V
Sector-H, Aliganj, Lucknow-226024
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for S
Quality Manager

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Sampling Method : APHA/ IS: 3025

Sample Collected by : Mr.Maam Singh

Sample Quantity : As per requirement.

Date of Sampling : 10.06.2019

Date of Receiving : 11.06.2019

Date of Analysis : 11.06.2019 to 19.06.2019

Source of Sample : PCL Colony Supply Water - Bore Well

Sl. No.	TESTS	PROTOCOL	RESULT	Detection Range	INDIAN STANDARDS as per IS 10500:1991(Reaff:2012)	
					Desirable	Permissible
1.	Colour (Hazen unit)	APHA, 23 rd Ed. 2017, 2120 B	<5.0	5-100	5.00	15.0
2.	Odour	APHA, 23 rd Ed. 2017, 2150 B	Agreeable	Qualitative	Agreeable	Agreeable
3.	Taste	APHA, 23 rd Ed. 2017, A+B	Agreeable	Qualitative	Agreeable	Agreeable
4.	Turbidity as (NTU)	APHA, 23 rd Ed. 2017, 2130-A+B	BDL	1 - 100	1.0	5.0
5.	pH	APHA, 23 rd Ed. 2017, 4500H+ A+B	7.28	2.0-12	6.5-8.5	No Relax.
6.	Total Dissolved Solids as TDS (mg/l)	APHA, 23 rd Ed. 2017, 2540-C	712.0	5 - 5000	500	2000
7.	Alkalinity (mg/l)	APHA, 23 rd Ed. 2017, 2320 A+ B	172.0	5-1500	200	600
8.	Total Hardness as CaCO ₃ (mg/l)	APHA, 23 rd Ed. 2017, 2340 A+C	304.0	5-1500	200.0	600.0
9.	Calcium as Ca (mg/l)	APHA, 23 rd Ed. 2017, 3500 Ca A+B	72.0	5 - 1000	75.0	200.0
10.	Magnesium as Mg (mg/l)	APHA, 23 rd Ed. 2017, 3500 Mg A+B	30.13	5-1000	30.0	100.0
11.	Chloride as Cl (mg/l)	APHA, 23 rd Ed. 2017, 4500 Cl A+B	66.0	5-1000	250.0	1000.0
12.	Fluorides as F (mg/l)	APHA, 23 rd Ed. 2017, 4500-C	0.42	0.05-10	1.0	1.5
13.	Sulfate as SO ₄ (mg/l)	APHA, 23 rd Ed. 2017, 4500-SO ₄ E	136.0	1.0 -250	200.0	400.0
14.	Nitrate Nitrogen as NO ₃ (mg/l)	APHA, 23 rd Ed. 2017, 4500-NO ₃ B	22.03	5.0 - 100	45.0	No Relax.
15.	Manganese as Mn (mg/l)	APHA, 23 rd Ed. 2017, 3111 A+B	BDL	0.1-5	0.10	0.30
16.	Zinc as Zn (mg/l)	APHA, 23 rd Ed. 2017, 3111 A+B	0.25	0.02-50	5.0	15
17.	Lead as Pb (mg/l)	APHA, 23 rd Ed. 2017, 3111 A+B	BDL	0.01-2	0.01	No Relax.
18.	Cadmium as Cd (mg/l)	APHA, 23 rd Ed. 2017, 3111 A+B	BDL	0.002-2	0.003	No Relax
19.	Nickel as Ni (mg/l)	APHA, 23 rd Ed. 2017, 3111 A+B	BDL	0.02-5	0.02	No Relax
20.	Arsenic as As (mg/l)	APHA, 23 rd Ed. 2017, 3114 C	BDL	0.01-2	0.01	0.05
21.	Total Chromium as Cr (mg/l)	APHA, 23 rd Ed. 2017, 3111 - A +B	BDL	0.04-10	0.05	No Relax
22.	Mercury as Hg (mg/l)	APHA, 23 rd Ed. 2017, 3112 A+B	BDL	0.001-1	0.001	No Relax.
23.	Copper as Cu (mg/l)	APHA, 23 rd Ed. 2017, 3111 A+B	BDL	0.05-5	0.05	1.5
24.	Boron as B (mg/l)	APHA, 23 rd Ed. 2017, 4500 B A+C	BDL	0.2 - 10	0.5	1.0
25.	Aluminium as Al (mg/l)	APHA, 23 rd Ed. 2017 (3111)-A+B	BDL	1.0-100	0.03	0.2
26.	Free Residual Chlorine (mg/l)	APHA, 23 rd Ed. 2017, 4500-Cl B	BDL	0.5-10	0.20	1.0
27.	Sulphide as H ₂ S (mg/l)	APHA, 23 rd Ed. 2017, Reprint 2007	BDL	0.04-10	0.05	No Relax
28.	Iodide as I (mg/l)	APHA, 23 rd Ed. 2017, 4500 - IB	BDL	0.1-10	-	-
29.	Iron as Fe (mg/l)	APHA, 23 rd Ed. 2017, 3500 Fe B	0.22	0.02-50	0.3	No Relax.
30.	Total coliform (MPN/100 ml)	APHA, 23 rd Ed. 2017, 9221 B+C	Absent	1.8	Absent	Absent
31.	E.coli (Nos/100)	APHA, 23 rd Ed. 2017, 9221B+E	Absent	1.8	Absent	Absent

*The result are related only to item tested.

BDL = Below Detection Limit

Archana
Analyst

Spar
Authorized signatory
Ecomen Laboratories Pvt. Ltd.
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Ph.-2746282, Fax:2745726

for S
Quality Manager

AIR QUALITY MONITORING REPORT FOR MINES
MONTH - APRIL YEAR-2019

1 NAME & ADDRESS OF FACTORY

: PRISM JOHNSON LTD
PRISM CEMENT LIMESTONE MINES
VILLAGE: MANKAHARI, HINAUTI & SIHAAYA
POST : BATHIA
DISTT : SATNA (M.P.)-485111

2 NAME OF PERSON PREPARED THE REPORT

: Sumitabh Dwivedi

3 AMBIENT AIR QUALITY MONITORING

1. DURATION : 8X3=24 Hrs.
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
		PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	
1	08.04.19	33.49	69.88	17.36	27.73	BDL	31.57	69.97	17.67	29.12	BDL	26.54	65.53	14.58	25.17	BDL	28.57	68.05	15.19	26.96	BDL	SE
2	23.04.19	33.86	72.09	17.01	30.33	BDL	29.41	74.88	16.2	29.42	BDL	27.39	66.27	14.17	24.27	BDL	26.66	70.94	15.46	27.73	BDL	SW

BDL - Below Detectable Limit

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



Manoj Kumar Kashyap
Sr. General Manager
Prism Johnson Ltd. Satna (M.P.)



AIR QUALITY MONITORING REPORT FOR MINES
MONTH - MAY YEAR-2019

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

Sumritabh Dwivedi

3 AMBIENT AIR QUALITY MONITORING

1. DURATION
2. DISTANCE FROM FACTORY

8X3=24 Hrs.
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	
		PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3		
1	07.05.19	32.4	67.64	16.2	26.96	BDL	31.64	69.27	15.46	28.31	BDL	27.52	64.25	14.17	23.11	BDL	30	69.22	14.58	2.5	BDL	BDL	SW
2	22.05.19	33.49	72.8	15.46	30.05	BDL	32.49	73.75	17.01	30.14	BDL	29.7	66.93	14.58	25.62	BDL	30.09	71.18	16.2	27.94	BDL	BDL	SE

BDL - Below Detectable Limit

Sumritabh Dwivedi
Manager- Environment
Prism Johnson Ltd, Satna (M.P.)



Manoj Kumar Kashyap
Sr. General Manager
Prism Johnson Ltd, Satna (M.P.)



AIR QUALITY MONITORING REPORT FOR MINES
MONTH - JUNE YEAR-2019

1 NAME & ADDRESS OF FACTORY

PRISM JOHNSON LTD
 PRISM CEMENT LIMESTONE MINES
 VILLAGE: MANKAHARI, HINAUTI & SIHAHATA
 POST : BATHIA
 DISTT : SATNA (M.P.)-485111

2 NAME OF PERSON PREPARED THE REPORT

Sumitabh Dwivedi

3 AMBIENT AIR QUALITY MONITORING

- 1. DURATION
- 2. DISTANCE FROM FACTORY


8X3=24 Hrs.
 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


MENTIONED IN THE TABLE

3. WIND DIRECTION

Sl No.	Date	Location (1)					Location (2)					Location (3)					Location (4)					Wind Direction	
		PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3		
1	09.06.19	29.16	64.3	17.67	29.12	BDL	29.82	68.31	16.2	30.33	BDL	22.93	57.4	13.88	24.27	BDL	24.87	54.62	15.46	26.29	BDL	BDL	SW
2	23.06.19	22.62	61.4	15.19	26.96	BDL	25.12	61	14.58	25.88	BDL	20.49	55.6	12.15	19.12	BDL	21.57	49.03	13.5	20.8	BDL	BDL	SE

BDL - Below Detectable Limit


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


 Manoj Kumar Kashyap
 Sr. General Manager
 Prism Johnson Ltd. Satna (M.P.)

**AIR QUALITY MONITORING REPORT FOR MINES
MONTH - JULY YEAR-2019**

1 NAME & ADDRESS OF FACTORY

: PRISM JOHNSON LTD
 PRISM CEMENT LIMESTONE MINES
 VILLAGE: MANKAHARI, HINAUTI & SUAHATA
 POST : BATHIA
 DISTT : SATNA (M.P.)- 485111

2 NAME OF PERSON PREPARED THE REPORT

: Sumitabh Dwivedi

3 AMBIENT AIR QUALITY MONITORING

- 1. DURATION
- 2. DISTANCE FROM FACTORY

: 8X3=24 Hrs.
 : 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 From
		PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	
1	06.07.19	27.14	52.62	15.19	26.29	BDL	30	50.55	15.46	27.73	BDL	20.72	46.51	13.5	20.59	BDL	24.48	49.76	14.17	23.37	BDL	SE
2	21.07.19	28.76	45.07	16.2	28.31	BDL	28.8	42.66	17.01	29.12	BDL	21.92	38.19	13.88	22.92	BDL	23.8	43.71	14.58	24.27	BDL	NE

BDL - Below Detectable Limit

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

Manoj Kumar Kashyap
 Sr. General Manager
 Prism Johnson Ltd. Satna (M.P.)

AIR QUALITY MONITORING REPORT FOR MINES
MONTH - AUGUST YEAR-2019

1 NAME & ADDRESS OF FACTORY

: PRISM JOHNSON LTD
 PRISM CEMENT LIMESTONE MINES
 VILLAGE: MANKAHARI, HINAUTI & SIHAHTA
 POST : BATHIA
 DIST : SATNA (M.P.) - 485111

2 NAME OF PERSON PREPARED THE REPORT

: Sumitabh Dwivedi

3 AMBIENT AIR QUALITY MONITORING

- 1. DURATION
- 2. DISTANCE FROM FACTORY

: 8X3=24 Hrs.
 : 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 Himouti Village

3. WIND DIRECTION

: MENTIONED IN THE TABLE

Sl No.	Date	Location (1)					Location (2)					Location (3)					Location (4)					Wind Direction From
		PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	
1	08.08.19	25.95	50.97	15.19	23.11	BDL	25	48.50	14.58	25.88	BDL	21.36	45.85	12.15	21.57	BDL	22.93	44.02	13.25	22.06	BDL	NE
2	22.08.19	27.39	47.39	14.17	22.06	BDL	24.63	42.21	15.19	24.27	BDL	20.72	37.09	11.04	17.97	BDL	21.55	40.36	12.15	16.18	BDL	NW

BDL - Below Detectable Limit

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

Manoj Kumar Kashyap
 Sr. General Manager
 Prism Johnson Ltd. Satna (M.P.)

AIR QUALITY MONITORING REPORT FOR MINES
MONTHII - SEPTEMBER YEAR-2019

1 NAME & ADDRESS OF FACTORY

PRISM JOHNSON LTD
 PRISM CEMENT LIMESTONE MINES
 VILLAGE: MANKAHARI, HINAUTI & SUAHATA
 POST : BATHIA
 DISTT : SATNA (M.P.)-485111

2 NAME OF PERSON PREPARED THE REPORT

Sumitabh Dwivedi

3 AMBIENT AIR QUALITY MONITORING

1. DURATION
2. DISTANCE FROM FACTORY

8X3=24 Hrs.
 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				
		PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3		PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3
1	09.09.19	25.51	46	14.58	24.27	BDL	25.14	48.27	15.46	25.88	BDL	21.73	45.59	13.25	20.59	BDL	22.12	43.78	14.17	21.57	BDL	NE
2	23.09.19	26.1	40.21	15.19	26.29	BDL	24.85	36.83	13.88	25.42	BDL	19.1	38.29	10.8	14.83	BDL	21.16	41.36	13.25	17.65	BDL	NE

BDL - Below Detectable Limit

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



Manoj Kumar Kashyap
 Sr. General Manager
 Prism Johnson Ltd. Satna (M.P.)




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

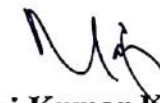
AMBIENT NOISE MONITORING REPORT

MONTH – APRIL 2019

1. Name and 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 : Sumitabh Dwivedi
3. Details of noise monitoring :-

Sl.No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	09.04.2019	57.2	49.2
2	Near Western side ML boundary (Pillar No. 14) of ML area	09.04.2019	58.0	46.4
3	Mankahari Village	10.04.2019	54.5	47.0
4	Hinouti village	10.04.2019	54.8	43.9


Sumitabh Dwivedi
Manager – Environment


Manoj Kumar Kashyap
Sr. General Manager

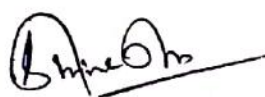
**PRISM JOHNSON LIMITED
SATNA (M.P.)**


AMBIENT NOISE MONITORING REPORT

**MONTH -MAY
YEAR- 2019**

1. Name and 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 : Sumitabh Dwivedi
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)	07.05.2019	58.1	50.0
2	Near Western side ML boundary (Pillar No. 14) of ML area	07.05.2019	57.7	46.0
3	Mankahari Village	08.05.2019	53.4	46.6
4	Hinouti village	08.05.2019	53.0	44.5


Sumitabh Dwivedi
Manager - Environment

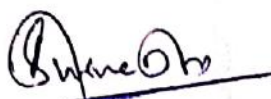

Manoj Kumar Kashyap
Sr. General Manager


PRISM JOHNSON LIMITED
SATNA (M.P.)
AMBIENT NOISE MONITORING REPORT

MONTH –JUNE
YEAR- 2019

1. Name and 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 : Sumitabh Dwivedi
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)	10.06.2019	61.1	50.1
2	Near Western side ML boundary (Pillar No. 14) of ML area	10.06.2019	57.8	47.1
3	Mankahari Village	11.06.2019	57.2	47.4
4	Hinouti village	11.06.2019	54.5	46


Sumitabh Dwivedi
Manager – Environment


Manoj Kumar Kashyap
Sr. General Manager

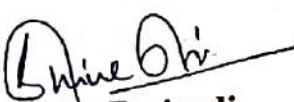
**PRISM JOHNSON LIMITED
SATNA (M.P.)**

AMBIENT NOISE MONITORING REPORT

**MONTH -JULY
YEAR- 2019**

1. Name and 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 : Sumitabh Dwivedi
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)	17.07.2019	61.82	53.5
2	Near Western side ML boundary (Pillar No. 14) of ML area	17.07.2019	57.95	48.6
3	Mankahari Village	19.07.2019	53.8	47.37
4	Hinouti village	19.07.2019	52.45	47.32


Sumitabh Dwivedi
Manager - Environment


Manoj Kumar Kashyap
Sr. General Manager

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

AMBIENT NOISE MONITORING REPORT

**MONTH - AUGUST
YEAR - 2019**

1. Name and 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


: Sumitabh Dwivedi

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)	08.08.2019	61.92	53.97
2	Near Western side ML boundary (Pillar No. 14) of ML area	09.08.2019	57.9	49.97
3	Mankahari Village	10.08.2019	55.62	48.4
4	Hinouti village	10.08.2019	54.15	48.25


**Sumitabh Dwivedi
Manager - Environment**


**Manoj Kumar Kashyap
Sr. General Manager**

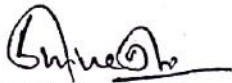
**PRISM JOHNSON LIMITED
SATNA (M.P.)**

AMBIENT NOISE MONITORING REPORT

**MONTH - SEPTEMBER
YEAR - 2019**

1. Name and 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 : **Sumitabh Dwivedi**
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)	11.09.2019	60.90	53.5
2	Near Western side ML boundary (Pillar No. 14) of ML area	11.09.2019	58.37	49.25
3	Mankahari Village	14.09.2019	54.85	48.0
4	Hinouti village	14.09.2019	53.72	47.0



**Sumitabh Dwivedi
Manager - Environment**



**Manoj Kumar Kashyap
Sr. General Manager**