



Through Regd. AD

दूर की सोच®  
19<sup>th</sup> Jun, 2019

MIN / 2019 – 19138

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*  
19/06/2019.

Mines Manager

Prism Cement Limestone Mines

**PRISM JOHNSON LIMITED**  
(FORMERLY PRISM CEMENT LIMITED)  
(Cement Division - Unit II)

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.)**

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. ⇒ **Agreed**, mining will be carried out 500 mtrs. away from the Rewa – Satna railway track as per the condition.
- (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<sup>rd</sup> year of operations. ⇒ Reclamation of the mined out area has been started from 3<sup>rd</sup> 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 Oct 2018 to March 2019 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 Oct 2018 to Mar 2019 were 1000 and cumulative plantation till Dec 2018 is 22556.
- (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.
- (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. ⇒ Agreed

## **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. ⇒ Agreed
- (ii) No change in the calendar plan including excavation, quantum of limestone, waste / OB dumps should be made. ⇒ Agreed
- (iii) Four ambient air quality monitoring stations should be established in the core zone as well as buffer zone for SPM, RPM, SO<sub>2</sub>, NO<sub>x</sub> 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. ⇒ Agreed
- (iv) Data of ambient air quality should be regularly submitted to the Ministry including its Regional Office at Bhopal and the State Pollution Control Board / Central Pollution ⇒ Being done. Ambient air quality monitoring results from Oct-18 to Mar-19 have been given in **Annexure IV**.

Control Board once in six months.

- (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 Oct 2018 to Mar 2019 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.
- 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.
- 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 Dept.
- All employees undergo periodical medical examination under Mines Act at regular intervals.
- (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. ⇒ Agreed
- (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 ⇒ Photocopies of Rapid EIA – EMP Report and Mining Plan have already been sent.
- Co-operation is being extended to the inspecting Officials.

report.

- (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. ⇒ Agreed
- (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 CEMENT LIMITED**  
**SUMMARY OF AFFORESTATION (LEASE WISE )**

f	Year	Total No. of Plants	ML area 253.326 Ha.	ML area 66.434 Ha.	ML area 772.067 Ha.	ML area 99.416 Ha.	ML area 791.004 Ha.	ML area 117.594 Ha.	ML area 512.317 Ha.
			No. of Plant	No. of Plant	No. of Plant	No. of Plant	No. of Plant	No. of Plant	No. of Plant
1	1996-97	3702	1702				2000		
2	1997-98	5023	2000				3023		
3	1998-99	7775	3700				4075		
4	1999-00	8830	4857				3973		
5	2000-01	7899	4344				3555		
6	2001-02	5662	2265	1132			2265		
7	2002-03	9686	3874	1937			3875		
8	2003-04	17612	7044	3522			7046		
9	2004-05	4910	1964	982			1964		
10	2005-06	3693	1477	739	1477				
11	2006-07	6500	2600	1300	2600				
12	2007-08	3600	1440	720	1440				
13	2008-09	5520	2208	1104	2208				
14	2009-10	5000	2000	1000	2000				
15	2010-11	8200	3280	1640	3280				
16	2011-12	7000	2450	1400	2450	700			
17	2012-13	5085	2000	800	2000	285			
18	2013-14	7080	2500	680	2500	1400			
19	2014-15	8600	2500	1600	2500	2000			
20	2015-16	25700	9000	1000	14000	500		1000	200
21	2016-17	22000	10000	1000	5000	0.00		1000	5000
22	2017-18	22000	6000	1000	7000	2000		1000	5000
23	2018-19	21000	6000	1000	8000	1000		1000	3000
<b>Total</b>		<b>222077</b>	<b>85205</b>	<b>22556</b>	<b>56455</b>	<b>7885</b>	<b>31776</b>	<b>4000</b>	<b>13200</b>

# ECOMEN LABORATORIES PVT. LTD.

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/DW7/03/19

TEST REPORT ISSUE DATE: 25.03.2019

## 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.Maam Singh

Sample Quantity : As per requirement.

Date of Sampling : 12.03.2019

Date of Receiving : 14.03.2019

Date of Analysis : 14.03.2019 to 22.03.2019

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 <sup>rd</sup> Ed. 2017, 2120 B	<5.0	5-100	5.00	15.0
2.	Odour	APHA, 23 <sup>rd</sup> Ed. 2017, 2150 B	Agreeable	Qualitative	Agreeable	Agreeable
3.	Taste	APHA, 23 <sup>rd</sup> Ed. 2017, A+B	Agreeable	Qualitative	Agreeable	Agreeable
4.	Turbidity as (NTU)	APHA, 23 <sup>rd</sup> Ed. 2017, 2130-A+B	BDL	1 - 100	1.0	5.0
5.	pH	APHA, 23 <sup>rd</sup> Ed. 2017, 4500H+ A+B	7.29	2.0-12	6.5-8.5	No Relax.
6.	Total Dissolved Solids as TDS (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 2540-C	656.0	5 - 5000	500	2000
7.	Alkalinity (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 2320 A+ B	180.0	5-1500	200	600
8.	Total Hardness as CaCO <sub>3</sub> (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 2340 A+C	312.0	5-1500	200.0	600.0
9.	Calcium as Ca (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Ca A+B	83.2	5 - 1000	75.0	200.0
10.	Magnesium as Mg (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Mg A+B	25.27	5-1000	30.0	100.0
11.	Chloride as Cl (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500 Cl A+B	70.0	5-1000	250.0	1000.0
12.	Fluorides as F (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-C	0.62	0.05-10	1.0	1.5
13.	Sulfate as SO <sub>4</sub> (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-SO <sub>4</sub> <sup>2-</sup> E	152.0	1.0-250	200.0	400.0
14.	Nitrate Nitrogen as NO <sub>3</sub> (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-NO <sub>3</sub> <sup>-</sup> B	17.0	5.0 - 100	45.0	No Relax.
15.	Manganese as Mn (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.1-5	0.10	0.30
16.	Zinc as Zn (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	0.18	0.02-50	5.0	15
17.	Lead as Pb (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.01-2	0.01	No Relax.
18.	Cadmium as Cd (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.002-2	0.003	No Relax
19.	Nickel as Ni (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.02-5	0.02	No Relax
20.	Arsenic as As (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3114 C	BDL	0.01-2	0.01	0.05
21.	Total Chromium as Cr (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 - A + B	BDL	0.04-10	0.05	No Relax
22.	Mercury as Hg (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3112 A+B	BDL	0.001-1	0.001	No Relax.
23.	Copper as Cu (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.05-5	0.05	1.5
24.	Boron as B (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500 B A+C	BDL	0.2 - 10	0.5	1.0
25.	Aluminium as Al (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017 (3111-A+B)	BDL	1.0-100	0.03	0.2
26.	Free Residual Chlorine (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-Cl B	BDL	0.5-10	0.20	1.0
27.	Sulphide as H <sub>2</sub> S (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, Reprint 2007	BDL	0.04-10	0.05	No Relax
28.	Iodide as I (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500 - IB	BDL	0.1-10	-	-
29.	Iron as Fe (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Fe B	0.21	0.02-50	0.3	No Relax.
30.	Total coliform (MPN/100 ml)	APHA, 23 <sup>rd</sup> Ed. 2017, B+C	Absent	1.8	0.05	Absent
31.	E.coli (Nos/100)	APHA, 23 <sup>rd</sup> Ed. 2017, B+E	Absent	1.8	Absent	Absent

\*The result are related only to item tested.

BDL = Below Detection Limit

Analyst

Authorized signatory  
Flat No. 8, 2nd Floor, Arif Chamber-V  
Sector-H, Aliganj, Lucknow-226024  
Ph.-2746282, Fax:2745726

Quality Manager

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FORMAT NO. ECO/QS/FORMAT/09

TEST REPORT NO:ECO LAB/DW9/03/19

TEST REPORT ISSUE DATE: 25.03.2019

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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.Maam Singh

Sample Quantity : As per requirement.

Date of Sampling : 12.03.2019

Date of Receiving : 14.03.2019

Date of Analysis : 14.03.2019 to 22.03.2019

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 <sup>rd</sup> Ed. 2017, 2120 B	<5.0	5-100	5.00	15.0
2.	Odour	APHA, 23 <sup>rd</sup> Ed. 2017, 2150 B	Agreeable	Qualitative	Agreeable	Agreeable
3.	Taste	APHA, 23 <sup>rd</sup> Ed. 2017, A+B	Agreeable	Qualitative	Agreeable	Agreeable
4.	Turbidity as (NTU)	APHA, 23 <sup>rd</sup> Ed. 2017, 2130-A+B	BDL	1 - 100	1.0	5.0
5.	pH	APHA, 23 <sup>rd</sup> Ed. 2017, 4500H+ A+B	7.25	2.0 -12	6.5-8.5	No Relax.
6.	Total Dissolved Solids as TDS (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 2540-C	642.0	5 - 5000	500	2000
7.	Alkalinity (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 2320 A+ B	164.0	5-1500	200	600
8.	Total Hardness as CaCO <sub>3</sub> (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 2340 A+C	328.0	5-1500	200.0	600.0
9.	Calcium as Ca (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Ca A+B	87.2	5 - 1000	75.0	200.0
10.	Magnesium as Mg (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Mg A+B	26.73	5-1000	30.0	100.0
11.	Chloride as Cl (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500 Cl A+B	64.0	5-1000	250.0	1000.0
12.	Fluorides as F (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-C	0.33	0.05-10	1.0	1.5
13.	Sulfate as SO <sub>4</sub> (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-SO <sub>4</sub> <sup>2-</sup> E	135.0	1.0 -250	200.0	400.0
14.	Nitrate Nitrogen as NO <sub>3</sub> (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-NO <sub>3</sub> <sup>-</sup> B	13.80	5.0 - 100	45.0	No Relax.
15.	Manganese as Mn (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.1-5	0.10	0.30
16.	Zinc as Zn (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	0.23	0.02-50	5.0	15
17.	Lead as Pb (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.01-2	0.01	No Relax.
18.	Cadmium as Cd (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.002-2	0.003	No Relax
19.	Nickel as Ni (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.02-5	0.02	No Relax
20.	Arsenic as As (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3114 C	BDL	0.01-2	0.01	0.05
21.	Total Chromium as Cr (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 - A +B	BDL	0.04-10	0.05	No Relax
22.	Mercury as Hg (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3112 A+B	BDL	0.001-1	0.001	No Relax.
23.	Copper as Cu (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.05-5	0.05	1.5
24.	Boron as B (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500 B A+C	BDL	0.2 - 10	0.5	1.0
25.	Aluminium as Al (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017 (3111-A+B)	BDL	1.0-100	0.03	0.2
26.	Free Residual Chlorine (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-Cl B	BDL	0.5-10	0.20	1.0
27.	Sulphide as H <sub>2</sub> S (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, Reprint 2007	BDL	0.04-10	0.05	No Relax
28.	Iodide as I (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500 - IB	BDL	0.1-10	-	-
29.	Iron as Fe (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Fe B	0.18	0.02-50	0.3	No Relax.
30.	Total coliform (MPN/100 ml)	APHA, 23 <sup>rd</sup> Ed. 2017, B+C	BDL	1.8	0.05	Absent
31.	E.coli (Nos/100)	APHA, 23 <sup>rd</sup> Ed. 2017, B+E	BDL	1.8	Absent	Absent

\*The result are related only to item tested.

BDL = Below Detection Limit

*[Signature]*  
Analyst

*[Signature]*  
Ecomen Laboratories Pvt. Ltd.  
Authorized signatory  
Flat No. 8, 2nd Floor, Arif Chamber-V  
Sector-H, Aliganj, Lucknow-226024  
Ph.-2746282, Fax:2745726

*[Signature]*  
Quality Manager

**PRISM JOHNSON LIMITED**

(FORMERLY PRISM CEMENT LIMITED)

**Peizometer Level**

<b>Sr. No</b>	<b>Location</b>	<b>Depth Of Bore</b>	<b>Oct-18</b>	<b>Nov-18</b>	<b>Dec-18</b>	<b>Jan-19</b>	<b>Feb-19</b>	<b>Mar-19</b>
1	Behind C block (Peizometer)	60	2.88	3.9	4.85	5.38	5.25	5.81
2	Infront Den (Peizometer)	60	4.6	5.15	5.72	6.28	5.92	6.72
3	Behind B block (Peizometer)	60	15.3	17.3	17.53	19.95	16.12	25.21
4	Near colony gate (Peizometer)	60	14.7	15.25	16.32	17.8	14.63	21.17
5	Mine New magazine	50	10.54	11.24	12.05	12.55	11.23	13.03
6	Mine Ramprashan area	50	8.75	13.16	13.35	14.17	12.37	14.12
7	Mine Western block	50	8.01	7.74	8.05	8.57	7.3	8.01





**AIR QUALITY MONITORING REPORT FOR MINES  
MONTH - DECEMBER YEAR-2018**

1 NAME & ADDRESS OF FACTORY

PRISM JOHNSON LTD  
PRISM CEMENT LIMESTONE MINES  
VILLAGE: MANKAHARI, HINAUTI & SUAHATA  
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

EX3=24Hrs.

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/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>	PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>	PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>	PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>	PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>				
1	14.12.18	30.4	65.7	15.2	29.1	BDL	29.4	70.0	16.2	30.1	BDL	21.9	60.8	14.2	19.8	BDL	24.9	64.8	14.6	22.1	BDL	25.6	63.3	14.2	24.3	BDL	BDL	SW		
2	21.12.18	32.0	59.2	15.5	28.8	BDL	31.0	73.0	17.0	29.4	BDL	24.5	62.3	13.9	20.2	BDL	25.6	63.3	14.2	24.3	BDL	25.6	63.3	14.2	24.3	BDL	BDL	SW		

BDL - Below Detectable Limit

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

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

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

- 1 NAME & ADDRESS OF FACTORY : PRISM JOHNSON LTD  
PRISM CEMENT LIMESTONE MINES  
VILLAGE: MANKAHARI, HINAUTI & SHAHATA  
POST : BATHIA  
DISTT : SATNA (M.P.) - 485111
- 2 NAME OF PERSON PREPARED THE REPORT : Sumitabh Dwivedi
- 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
		PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>	PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>	PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>	PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>	PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>				
1	09.01.19	28.2	63.7	16.2	30.1	BDL	30.2	67.5	17.0	29.1	BDL	23.0	59.7	13.9	22.2	BDL	24.9	64.8	15.2	25.2	BDL	23.2	62.6	12.2	22.1	BDL	BDL	From SW		
2	23.01.19	25.0	67.0	14.2	27.0	BDL	28.4	70.9	15.2	27.3	BDL	21.6	61.4	11.0	20.2	BDL	23.2	62.6	12.2	22.1	BDL	23.2	62.6	12.2	22.1	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 - MARCH YEAR-2019**

1. NAME & ADDRESS OF FACTORY : PRISM JOHNSON LTD  
PRISM CEMENT LIMESTONE MINES  
VILLAGE: MANKAHARI, HINAUTTI & SEAHATA  
POST : BATHIA  
DISTT : SATNA (M.P.) - 485111
2. NAME OF PERSON PREPARED THE REPORT : Sumitabh Dwivedi
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		
		PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>	PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>	PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>	PM2.5 ug/M <sup>3</sup>	PM10 ug/M <sup>3</sup>	SO <sub>2</sub> ug/M <sup>3</sup>	NOX ug/M <sup>3</sup>	CO ug/M <sup>3</sup>							
1	06.03.19	31.95	68.84	16.20	29.12	BDL	28.80	73.41	17.01	30.05	BDL	24.87	64.05	13.88	22.06	BDL	26.31	69.22	14.17	24.27	BDL	27.74	66.31	14.58	25.00	BDL	BDL	SE
2	20.03.19	31.46	71.18	17.36	30.56	BDL	32.96	75.26	15.46	28.76	BDL	26.23	67.69	13.50	23.11	BDL	27.74	66.31	14.58	25.00	BDL	27.74	66.31	14.58	25.00	BDL	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.)

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

**NOISE MONITORING REPORT**

**MONTH – OCTOBER 2018**

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)	22.10.18	61.0	51.26
2	Near Western side ML boundary (Pillar No. 14) of ML area	22.10.18	62.2	51.76
3	Mankahari Village	22.10.18	52.9	46.13
4	Hinouti village	22.10.18	51.1	45.36

  
**Sumitabh Dwivedi**  
Manager – Environment

  
**Manoj Kumar Kashyap**  
Sr. General Manager

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

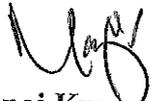
**NOISE MONITORING REPORT**

**MONTH – NOVEMBER 2018**

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)	15.11.18	61.83	50.63
2	Near Western side ML boundary (Pillar No. 14) of ML area	15.11.18	60.26	47.3
3	Mankahari Village	15.11.18	51.7	46.4
4	Hinouti village	15.11.18	50.3	44.96

  
**Sumitabh Dwivedi**  
Manager – Environment

  
**Manoj Kumar Kashyap**  
Sr. General Manager

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

**AMBIENT NOISE MONITORING REPORT**

**MONTH – DECEMBER 2018**

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)	14.12.2018	62.2	54.2
2	Near Western side ML boundary (Pillar No. 14) of ML area	14.12.2018	61.5	53.5
3	Mankahari Village	14.12.2018	60.7	52.1
4	Hinouti village	14.12.2018	58.5	48.5



**Sumitabh Dwivedi**  
**Manager – Environment**



**Manoj Kumar Kashyap**  
**Sr. General Manager**

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

**AMBIENT NOISE MONITORING REPORT**

**MONTH -- JANUARY 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)	17.01.2019	62.4	55.3
2	Near Western side ML boundary (Pillar No. 14) of ML area	17.01.2019	61.8	53.8
3	Mankahari Village	17.01.2019	61.2	52.8
4	Hinouti village	17.01.2019	59.7	47.56

  
**Sumitabh Dwivedi**  
Manager - Environment

  
**Manoj Kumar Kashyap**  
Sr. General Manager

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

**AMBIENT NOISE MONITORING REPORT**

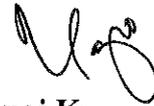
**MONTH – FEBRUARY 2019**

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)	18.02.2019	61.5	56.4
2	Near Western side ML boundary (Pillar No. 14) of ML area	18.02.2019	60.3	54.1
3	Mankahari Village	18.02.2019	62.4	53.4
4	Hinouti village	18.02.2019	59.8	48.3



**Sumitabh Dwivedi**  
Manager – Environment



**Manoj Kumar Kashyap**  
Sr. General Manager

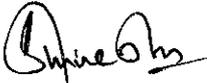
**PRISM JOHNSON LIMITED  
SATNA (M.P.)**

**AMBIENT NOISE MONITORING REPORT**

**MONTH – MARCH 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)	08.03.2019	64.73	56.46
2	Near Western side ML boundary (Pillar No. 14) of ML area	08.03.2019	60.23	47.9
3	Mankahari Village	09.03.2019	53.56	47.26
4	Hinouti village	09.03.2019	52.0	46.46

  
**Sumitabh Dwivedi**  
Manager – Environment

  
**Manoj Kumar Kashyap**  
Sr. General Manager