



Through Regd. AD

दूर की सोच

02<sup>nd</sup> Dec, 2020

MIN / 2020 – 20241

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 (Period of April-20 to September-2020) 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.

  
Mines Manager

Prism Cement Limestone Mines

**PRISM JOHNSON LIMITED**

(FORMERLY PRISM CEMENT LIMITED)  
(Cement Division)

Works: Village Mankahari, P.O.-Bathia, Dist. Satna - 485 111 (M.P.) India T: +91-07672-275301 / 302600  
Corres. Add.: 'Rajdeep', Rewa Road, Satna - 485 001 (M.P.) India. T: +91-07672-402726  
Registered Office: Prism Johnson Limited, 305, 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. ⇒ 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<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 September 2020.  
  
No waste rock generated from April 2020 to September 2020 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 2020 to September 2020 were 1000 and cumulative plantation till September 2020 is 24,556.
- (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<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. ⇒ 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 October 2019 to March 2020 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 October 2019 to March 2020 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 Deptt.

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.

⇒ Environmental Expenditure of 2020-21

	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

⇒ Photocopies of Rapid EIA – EMP

- 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.
- 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.

## PRISM JOHNSON LIMITED

### SUMMARY OF AFFORESTATION (LEASE WISE )

Sr. No.	Year	Total No. of Plants	ML area	ML area	ML area	ML area	ML area	ML area	ML area	ML area
			253.326 Ha.	66.434 Ha.	772.067 Ha.	99.416 Ha.	791.004 Ha.	117.594 Ha.	512.317 Ha.	40.236 Ha.
			No. of Plant	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	1000
23	2018-19	21000	6000	1000	8000	1000		1000	3000	1000
24	2019-20	75889	9073	1000	19816	2000		1000	37000	6000
25	2020-21	51140	11190	1000	29950	3000		500	5000	500
<b>Total</b>		<b>349106</b>	<b>105468</b>	<b>24556</b>	<b>106221</b>	<b>12885</b>	<b>31776</b>	<b>5500</b>	<b>55200</b>	<b>8500</b>

# 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

**ecoMen**  
LABORATORIES PVT. LTD.

An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

FORMAT NO. ECO/QS/FORMAT/09

TEST REPORT NO: ECO LAB/DW/1243/09/20

TEST REPORT ISSUE DATE: 30.09.2020

## 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 : 22.09.2020  
Date of Receiving : 23.09.2020  
Date of Analysis : 24.09.2020 to 27.09.2020  
Source of Sample : Mankahari Village – Hand Pump  
Sample ID Code : ELW-12592

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	1.05	1 - 100	1.0	5.0
5.	pH	APHA, 23 <sup>rd</sup> Ed. 2017, 4500H+ A+B	7.21	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	678.0	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	296.0	5-1500	200.0	600.0
9.	Calcium as Ca (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Ca A+B	76.8	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	50.0	5-1000	250.0	1000.0
12.	Fluorides as F (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-C	0.48	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	98.0	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	13.4	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	0.22	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	0.21	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	0.17	0.02-50	0.3	No Relax.
30.	Total coliform (MPN/100 ml)	APHA, 23 <sup>rd</sup> Ed. 2017, 9221 B+C	Absent	1.8	Absent	Absent
31.	E.coli (Nos/100)	APHA, 23 <sup>rd</sup> Ed. 2017, 9221B+E	Absent	1.8	Absent	Absent

\*The result are related only to item tested.

BDL = Below Detection Limit

Analyst

Authorized signatory

**Ecomen Laboratories Pvt. Ltd.**

Flat No.-8, 2nd Floor, Arif Chamber-V

Sector-H, Aliganj, Lucknow-226024

Ph.-2746282, Fax:2745726

Quality Manager

# 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

ecoMen  
LABORATORIES PVT. LTD.

An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

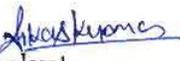
FORMAT NO. ECO/QS/FORMAT/23 REPORT NO: ECO LAB/Piezo/GW/1243/09/20

TEST REPORT ISSUE DATE:

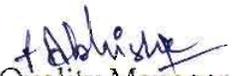
## REPORT OF WATER LEVEL MEASUREMENT

**Name of the Customer** : M/s. Prism Johnson Ltd.  
**Address of the Customer** : Village - Mankahari,  
Tehsil - Rampur Baghelan  
Distt.Satna (M.P.)  
**Measurement by** : Mr. Maan Singh  
**Date of Measurement** : September 22<sup>th</sup>, 2020

Sl. No.	Piezometer Name.	Water Level (meter)
1.	Near Colony Gate	6.4
2.	In front of Den	2.5
3.	Behind B Block Colony	2
4.	Behind C block colony	1.5
5.	Near New Magzine Mines	10.7
6.	Mines near Ramprasan	9.3
7.	Mankahari Mines	15.8
8.	Western Block Mines	7.6
9.	Mendhi Mines	4.5
10.	Near Auto workshop	10.6
11.	Rose Garden near boundry	11
12.	Rose Garden near Road	8.9

  
Analyst

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

  
Quality Manager

**AIR QUALITY MONITORING REPORT FOR MINES**  
**MONTH - APRIL YEAR-2020**

1. NAME & ADDRESS OF FACTORY : PRISM JOHNSON LTD  
PRISM CEMENT LIMESTONE MINES  
VILLAGE: MANKAHARI, HINALITI & SIJAHATA  
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	Date	Location (1)				Location (2)				Location (3)				Location (4)				Wind					
		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	BDI	From
1	25.04.20	24.87	52.66	14.17	26.29	BDL	26.45	55.38	13.5	24.27	BDL	21.55	52.31	11.04	19.77	BDL	22.62	56.05	12.15	20.22	BDI	N	N

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-2020**

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 : 8X3=24 Hrs.
2. DISTANCE FROM FACTORY : LOCATION (1) - SW (BP No. 18)
3. AMBIENT AIR QUALITY MONITORING : LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area
4. DISTANCE FROM FACTORY : LOCATION (3) - Near Mankahari Village
5. AMBIENT AIR QUALITY MONITORING : 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	03.05.20	28.16	55.26	16.2	27.5	BDL	25.51	57.85	15.46	26.96	BDL	24.75	52.4	12.15	22.22	BDL	25.12	50.86	13.5	21.57	BDL	25	53.44	14.17	24.27	BDL	SW
2	23.05.20	29.85	59.33	17.01	30.05	BDL	26.31	55.33	16.2	27.94	BDL	23.14	54.87	13.25	22.06	BDL	25	53.44	14.17	24.27	BDL	25	53.44	14.17	24.27	BDL	SE

BDL - Below Detectable Limit

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



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

**AIR QUALITY MONITORING REPORT FOR MINES**  
**MONTH - JUNE YEAR-2020**

1. NAME & ADDRESS OF FACTORY : PRISM JOHNSON LTD  
 PRISM CEMENT LIMESTONE MINES  
 VILLAGE: MANKAHARI, HINAUTI & SIAHATA  
 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	07.06.20	26.78	58.8	17.36	26.3	BDL	24.15	53.49	15.19	25.88	BDL	21.64	54.59	12.15	19.12	BDL	23.13	52.24	13.25	20.22	BDL	SE
2	21.06.20	25	19.05	15.46	29.1	BDL	22.83	45.56	14.58	26.96	BDL	19.93	45.86	11.04	18.87	BDL	20.16	41.36	12.15	21.57	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 - AUGUST YEAR-2020**

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 : 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	06.08.20	25	57.85	15.19	26.29	BDL	23.83	52.54	14.58	25.42	BDL	20.24	42.93	11.04	17.52	BDL	22.83	46.81	12.15	19.12	BDL	20.66	42.93	12.15	20.22	BDL	SE
2	21.08.20	25.53	49.02	15.46	25.17	BDL	24.95	56	13.88	25	BDL	19.41	40.07	10.8	16.18	BDL	20.66	42.93	12.15	20.22	BDL	20.66	42.93	12.15	20.22	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 - SEPTEMBER YEAR-2020**

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 : 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 Hinoutri Village
3. WIND DIRECTION : MENTIONED IN THE TABLE

Sl No	Date	Location (1)					Location (2)					Location (3)					Location (4)					Wind	
		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	From	Direction
1	07.09.20	25.97	53.11	15.46	25.42	BDL	24.17	51.88	15.19	24.27	BDL	21.75	44.17	12.15	16.18	BDL	22.12	46.81	13.5	19.41	BDL	S	NE
2	20.09.20	24.36	50.03	14.58	23.5	BDL	23.8	49.05	13.88	22.92	BDL	18.83	39.51	11.04	14.15	BDL	20.04	40.21	13.25	17.97	BDL	NE	

BDL - Below Detectable Limit

*Sumitabh Dwivedi*

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

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

*Manoj Kumar Kashyap*

PRISM JOHNSON LIMITED  
SATNA (M.P.)

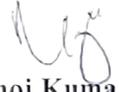
AMBIENT NOISE MONITORING REPORT

MONTH – APRIL 2020

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)	25.04.2020	50.15	45.25
2	Near Western side ML boundary (Pillar No. 14) of ML area	25.04.2020	49.0	44.27
3	Mankahari Village	25.04.2020	48.27	43.75
4	Hinouti village	25.04.2020	47.3	42.42

  
**Sumitabh Dwivedi**  
Manager – Environment

  
**Manoj Kumar Kashyap**  
Sr. General Manager

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

**AMBIENT NOISE MONITORING REPORT**

**MONTH –MAY 2020**

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)	21.05.2020	60.45	52.5
2	Near Western side ML boundary (Pillar No. 14) of ML area	21.05.2020	55.55	51.7
3	Mankahari Village	23.05.2020	55.42	50.07
4	Hinouti village	23.05.2020	54.62	49.42



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



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

PRISM JOHNSON LIMITED  
SATNA (M.P.)

AMBIENT NOISE MONITORING REPORT

MONTH –JUNE 2020

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)	05.06.2020	62.4	52.2
2	Near Western side ML boundary (Pillar No. 14) of ML area	05.06.2020	55.4	51.52
3	Mankahari Village	08.06.2020	56.3	50.5
4	Hinouti village	08.06.2020	54.95	50.0

  
**Sumitabh Dwivedi**  
Manager – Environment

  
**Manoj Kumar Kashyap**  
Sr. General Manager

PRISM JOHNSON LIMITED  
SATNA (M.P.)

AMBIENT NOISE MONITORING REPORT

MONTH –JULY 2020

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)	17.07.2020	60.87	51.42
2	Near Western side ML boundary (Pillar No. 14) of ML area	17.07.2020	55.97	51.07
3	Mankahari Village	21.07.2020	54.2	49.7
4	Hinouti village	21.07.2020	51.85	48.87

  
**Sumitabh Dwivedi**  
Manager – Environment

  
**Manoj Kumar Kashyap**  
Sr. General Manager

PRISM JOHNSON LIMITED  
SATNA (M.P.)

AMBIENT NOISE MONITORING REPORT

MONTH –AUGUST 2020

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)	19.08.2020	59.77	52.87
2	Near Western side ML boundary (Pillar No. 14) of ML area	19.08.2020	56.32	53.67
3	Mankahari Village	21.08.2020	56.0	51.0
4	Hinouti village	21.08.2020	53.75	51.05

  
Sumitabh Dwivedi  
Manager – Environment

  
Manoj Kumar Kashyap  
Sr. General Manager

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

**AMBIENT NOISE MONITORING REPORT**

**MONTH –SEPTEMBER 2020**

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)	18.09.2020	58.85	52.02
2	Near Western side ML boundary (Pillar No. 14) of ML area	18.09.2020	55.35	52.65
3	Mankahari Village	21.09.2020	53.7	51.37
4	Hinouti village	21.09.2020	53.82	50.05

  
**Sumitabh Dwivedi**  
Manager – Environment

  
**Manoj Kumar Kashyap**  
Sr. General Manager