



दूर की सोच®

Through Regd. AD

MIN / 2019 – 19020

22th Jan, 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 Cement 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.

PRISM JOHNSON LIMITED

(FORMERLY PRISM CEMENT LIMITED)
(Cement Division)

Mines Manager

Prism Cement Limestone Mines

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.
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Encl: As above

CIN: L26942TG1992PLC014033

PRISM

PRISM

CHAMPION
CEMENT

CHAMPION
DURATECH
CEMENT

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 3rd year of operations. ⇒ Reclamation of the mined out area has been started from 3rd year of operations as stipulated in the condition. 11.81 Ha. of mined out area has been reclaimed up to Dec 2018.
- No waste rock generated from July 2018 to December 2018 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 July 2018 to Dec 2018 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 appropriate size should be constructed to ⇒ Garland drain and siltation pond have been constructed to arrest the silt and

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.

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.

⇒ 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, 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.

⇒ 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 Control Board once in six months.

⇒ Being done. Ambient air quality monitoring results from July-18 to Dec-18 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 July 2018 to Dec 2018 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
- Expenditure incurred during 2017-2018 in environmental protection measures is given in **Annexure-VI**.
- (ix) The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated environmental safeguards. The project authority should send one set of EIA / EMP Report and Mining Plan to them and extend full co – operation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring report. ⇒ Photocopies of Rapid EIA – EMP Report and Mining Plan have already been sent.
- Co-operation is being extended to the inspecting Officials.

- (x) The Project authority should inform to the Regional Office located at Bhopal as well as to the Ministry of Environment & Forests regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work. ⇒ Agreed
- (xi) A copy of the clearance letter will be marked to concerned Panchayat / Local NGO, if any, from whom any suggestion / representation has been received while processing the proposal. ⇒ Agreed
- (xii) State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's Office / Tehsildar's Office for 30 days. ⇒ 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 Bhasker' 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	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.	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	24500	9000	1000	14000	500			1000	200		
21	2016-17	16000	10000	1000	5000	0.00			1000	5000		
22	2017-18	16000	6000	1000	7000	2000			1000	5000		
Total		187877	79205	21556	48455	6885		31776	3000	10200		

PRISM JOHNSON LIMITED

(FORMERLY PRISM CEMENT LIMITED)

WATER LEVEL (in Meter)

Sr. No.	Location	July	Aug	Sep	Oct	Nov	Dec
1	Behind C block (Peizometer)	9.35	6.43	1.62	2.88	3.9	4.85
2	Infront Den (Peizometer)	9.42	6.62	2.05	4.6	5.15	5.72
3	Behind B block (Peizometer)	20.83	17.48	5.17	15.3	17.3	17.53
4	Near colony gate (Peizometer)	18.5	15.73	1.78	14.7	15.25	16.32
5	Near Crusher (Peizometer)	23.15	18.56	13.9	20.18	16.24	16.86

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

An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi (Valid Upto 02.01.19)

FORMAT NO. ECO/QS/FORMAT/09

TEST REPORT NO: ECO LAB/DW/767/11/18

TEST REPORT ISSUE DATE: 05.12.2018

TEST REPORT OF DRINKING WATER*

Name of the Company : M/s. Prism Cement Limited

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 : 24.11.2018

Date of Receiving : 26.11.2018

Date of Analysis : 26.11.2018 to 05.12.2018

Source of Sample : Plant Site - Bore Well

Sample ID Code : ELW - 8754

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	7.24	2.0 -12	6.5-8.5	No Relax.
6.	Total Dissolved Solids as TDS (mg/l)	APHA, 23 rd Ed. 2017, 2540-C	547.0	5 - 5000	500	2000
7.	Alkalinity (mg/l)	APHA, 23 rd Ed. 2017, 2320 A+ B	116.0	5-1500	200	600
8.	Total Hardness as CaCO ₃ (mg/l)	APHA, 23 rd Ed. 2017, 2340 A+C	228.0	5-1500	200.0	600.0
9.	Calcium as Ca (mg/l)	APHA, 23 rd Ed. 2017, 3500 Ca A+B	54.4	5 - 1000	75.0	200.0
10.	Magnesium as Mg (mg/l)	APHA, 23 rd Ed. 2017, 3500 Mg A+B	22.35	5-1000	30.0	100.0
11.	Chloride as Cl (mg/l)	APHA, 23 rd Ed. 2017, 4500 Cl A+B	46.0	5-1000	250.0	1000.0
12.	Fluorides as F (mg/l)	APHA, 23 rd Ed. 2017, 4500-C	0.28	0.05-10	1.0	1.5
13.	Sulfate as SO ₄ (mg/l)	APHA, 23 rd Ed. 2017, 4500-SO ₄ ²⁻ 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	16.0	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	0.20	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	0.23	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	0.19	0.02-50	0.3	No Relax.
30.	Total coliform (MPN/100 ml)	APHA, 23 rd Ed. 2017, B+C	Absent	1.8	0.05	Absent
31.	E.coli (Nos/100)	APHA, 23 rd Ed. 2017, B+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

AIR QUALITY MONITORING REPORT FOR MINES
MONTH - NOVEMBER YEAR-2018

- 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=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 ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	BDL	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	BDL	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	BDL	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	BDL		
1	13.11.18	28.6	56.3	14.6	27.7	BDL	27.6	57.1	14.6	29.1	BDL	20.2	54.7	13.3	18.2	BDL	23.9	53.8	13.9	20.6	BDL	55.8	14.2	22.9	BDL	BDL	SW
2	27.11.18	30.9	54.2	14.6	30.3	BDL	28.8	58.5	15.5	27.5	BDL	23.6	52.7	13.5	20.2	BDL	24.9	55.8	14.2	22.9	BDL	55.8	14.2	22.9	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 - OCTOBER YEAR-2018**

- 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 Himouti 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 ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³				
1	08.10.2018	27.8	57.5	15.2	25.6	BDL	26.9	60.6	14.6	25.6	BDL	21.1	52.8	12.2	18.0	BDL	24.3	52.6	13.5	19.4	BDL	25.0	53.8	13.3	20.6	BDL	BDL	From SW		
2	22.10.2018	28.7	59.4	14.5	27.0	BDL	27.3	58.5	15.2	27.0	BDL	22.8	54.1	11.0	18.0	BDL	25.0	53.8	13.3	20.6	BDL	25.0	53.8	13.3	20.6	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.)

AIR QUALITY MONITORING REPORT FOR MINES
MONTH - SEPTEMBER YEAR-2018

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=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	
		PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	BDL	BDL			
1	06.09.2018	26.3	48.4	14.2	24.3	BDL	25.2	46.7	13.9	22.9	BDL	21.9	46.5	10.8	16.2	BDL	23.7	43.7	12.2	17.5	BDL	21.3	53.3	13.3	19.4	BDL	BDL	NW			
2	22.09.2018	27.5	57.1	15.2	25.4	BDL	22.6	58.1	14.2	25.2	BDL	20.8	52.2	11.0	17.7	BDL	21.3	53.3	13.3	19.4	BDL	21.3	53.3	13.3	19.4	BDL	BDL	SE			

BDL - Below Detectable Limit


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


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

AIR QUALITY MONITORING REPORT FOR MINES
MONTH - AUGUST YEAR-2018

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

Sumtiabh 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 ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³		PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	
1	09.08.18	23.7	49.8	13.9	23.1	BDL	21.0	51.5	12.2	22.2	BDL	19.2	45.1	9.9	14.7	BDL	18.5	47.6	10.1	16.2	BDL	BDL	SE
2	26.08.18	25.0	52.1	14.2	24.3	BDL	26.5	49.9	13.3	20.2	BDL	18.3	53.6	8.8	13.5	BDL	22.5	55.6	10.8	17.7	BDL	BDL	SW

BDL - Below Detectable Limit

Pundak M. Tripathi
Head - Environment
Prism Johnson Ltd. Satna (M.P.)


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

AIR QUALITY MONITORING REPORT FOR MINES
MONTH - JULY YEAR-2018

1 NAME & ADDRESS OF FACTORY

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

2 NAME OF PERSON PREPARED THE REPORT

Sumtiabh 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 Himouti 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 ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³	PM2.5 ug/M ³	PM10 ug/M ³	SO ₂ ug/M ³	NOX ug/M ³	CO ug/M ³							
1	08.07.18	26.2	57.6	14.6	27.7	BDL	27.8	58.7	15.2	25.9	BDL	20.7	53.4	12.2	18.2	BDL	23.6	54.8	13.9	23.1	BDL	BDL	SE
2	24.07.18	23.7	51.8	14.2	28.8	BDL	25.2	50.9	15.5	27.0	BDL	19.4	52.3	11.0	17.5	BDL	21.9	52.8	12.2	22.1	BDL	BDL	SW

BDL - Below Detectable Limit


Poojeri M. Tripathi
Head - Environment
Prism Johnson Ltd. Satna (M.P.)


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

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

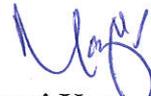
NOISE MONITORING REPORT

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.)**

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 –SEPTEMBER 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)	22.09.18	64.5	56.1
2	Near Western side ML boundary (Pillar No. 14) of ML area	22.09.18	65.0	55.0
3	Mankahari Village	22.09.18	53.7	48.5
4	Hinouti village	22.09.18	55.8	48.1



Sumitabh Dwivedi
Manager – Environment



Manoj Kumar Kashyap
Sr. General Manager

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

NOISE MONITORING REPORT

MONTH -AUGUST 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)	09.08.18	63.1	53.1
2	Near Western side ML boundary (Pillar No. 14) of ML area	09.08.18	64.3	56.0
3	Mankahari Village	09.08.18	56.1	48.8
4	Hinouti village	09.08.18	57.3	49.1



Puneet M. Tripathi
Head - Environment
Prism Johnson Ltd. Satna (M.P.)



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

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

NOISE MONITORING REPORT

MONTH – JULY 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)	17.07.18	65.2	55.6
2	Near Western side ML boundary (Pillar No. 14) of ML area	17.07.18	66.7	58.1
3	Mankahari Village	30.07.18	55.5	49.0
4	Hinouti village	30.07.18	56.8	50.6


Puneet M. Tripathi
Head - Environment
Prism Johnson Ltd. Satna (M.P.)


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

PRISM JOHNSON LIMITED
(FORMERLY PRISM CEMENT LIMITED)

S.No.	Expenditure under Different Heads					Lacs Rs.
1	Annual Power Consumption Cost For Operation of Air Pollution Cont Equipment					631
2	Annual Maint. Cost for Pollution Control Equipment					51
3	CEMS Maintenance					24
4	Monitoring, Plantation & Operation and Maint. Of Sewage Treatment Plant etc					52
					Total Cost Rs. :	757
S.No.	Expenditure under Different Heads					Rs.
1	Annual Maint. Cost for Pollution Control Equipment					1130783
2	CEMS Maintenance					549089
3	Monitoring, Plantation & Operation and Maint. Of Sewage Treatment Plant etc					5169520
4	Construction of Road & walkway					2244000
					Total Cost Rs. :	9093392
5	Annual Power Consumption Cost For Operation of Air Pollution Cont Equipment					101483637
	Total Cost Core Rupees (Including APCE Power Consumption)					11.06