

HCIL(NGH)-ENV-F-009/2022/O-23

**Director**  
Ministry of Environment, Forests & Climate Change  
Paryavaran Bhavan,  
CGO Complex, Lodhi Road,  
New Delhi – 110 003

31<sup>st</sup> May 2022

**Sub:** Six monthly Compliance report of Environmental Clearance for Cement production Capacity 2.5 MTPA by M/s Diamond Cements- Grinding Unit (Prop: Heidelberg Cement India Ltd.), Imlai, Damoh, M.P

**Ref.:** Ministry of Environment & Forests Environmental Clearance letter No. 2194/SEIAA/9 Dt. 18.09.2019

Sir,

With reference to the above referred letter please find herewith compliance report of conditions stipulated in the Environmental Clearance for Cement production Capacity 2.5 MTPA by M/s Diamond Cements- Grinding Unit (Prop: Heidelberg Cement India Ltd.), Imlai, Damoh, M.P., duly supported with relevant annexures. This compliance report is submitted for the period from **October 2021 to March 2022**.

This is submitted for your kind perusal.

Thanking you,

Yours faithfully

For Diamond Cements  
(Prop. HeidelbergCement India Ltd.)



Anand Singh Chouhan  
Head Environment (Unit-Damoh)

Encl: As above

**CC: Jt. Director (S)**

Regional Office, Western Region, Ministry of Environment, Forests & Climate Change  
Kendriya Paryavaran Bhavan, Link Road No. 3, Ravishankar Nagar, Bhopal – 462016 (M.P.)

**CC: Zonal Officer (Central)**

Central Pollution Control Board, E-5, Link Rd Number 3, Ekant Park, Arera Colony, Bhopal (M.P.)

**CC: Member Secretary**

Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal (M.P.)

**CC: Regional Officer**

MP Pollution Control Board, Deen Dayal Nagar, Housing Board Colony, Sagar (MP)

**COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE  
For Period: Oct 21 to March -2022**

**(Ref. No. of EC: 2194/SEIAA/9 Dt. 18.09.2019)**

**of**

**Expansion of existing Cement Grinding Capacity from  
2.0 MTPA to 2.5 MTPA**

**of**

**M/s. Diamond Cements Grinding Unit - Imlai  
(Prop. HeidelbergCement India Ltd.)  
Damoh (MP)**

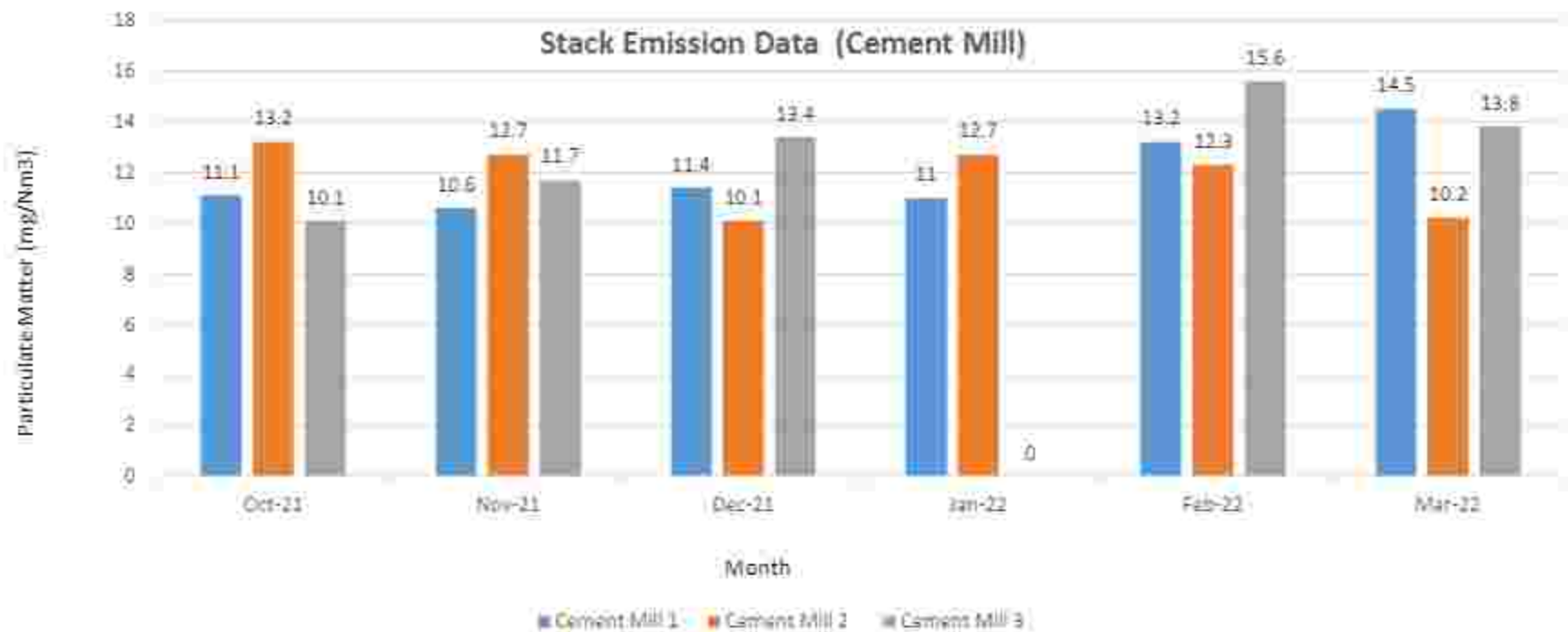
## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>A . Specific Conditions as recommended by SEIAA</b>	
1	PP should ensure the implementation of the observations of MOEF & CC RO, Bhopal report dt 11.07. 2019.	Agreed
2	PP should ensure to withdrawal of water from as per approval of CGWA and comply the condition lay down in the NOC.	We have been received NOC from CGWA to withdraw the ground water of quantity 100 KLD for domestic purpose. We are being withdraw the water within the given quantity. CGWA NOC letter is enclosed as Annexure-1.
3	All the treated waste water shall be recycled and reused in the processor for dust suppression and ' zero ' discharge should be adopted .	No effluent water is being generated during plant process.Only domestic waste water is being generated from the plant and colony which is being utilised within plant premises in dust suppression, greenbelt development after treatment in STP. Therefore, Zero Liquid discharge within plant premises is maintained.
4	PP should install online pollution control monitoring system in the plant premises.	Online Continuous Emission monitoring System (CEMS) for stack emission monitoring and Continuous Ambient Air Quality Monitoring Stations (CAAQMS) for ambient air quality monitoring has been installed in plant and online CEMS data is being sent to CPCB and MPPCB websites. Detail enclosed as <b>Annexure-2</b>

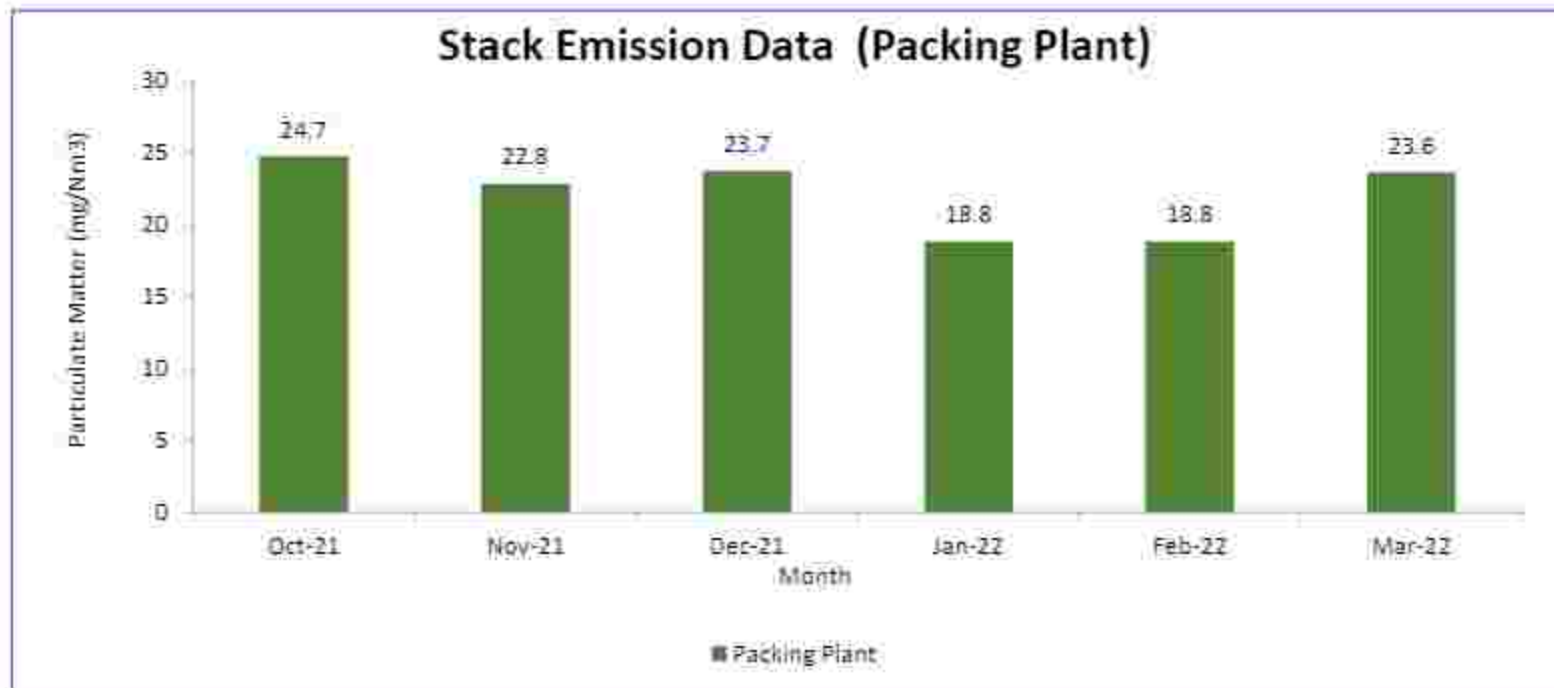
# Annexure-1A (NOC from CGWA)

<p>Regional Director</p> <p><b>File No. : 21-4821MP/REGD0017-19/18</b></p> <p><b>NOC No. : CGWA/NOC/REGD/DIRG/20180370</b></p>		<p><b>भारत सरकार</b>  <b>केंद्रीय जल संसाधन</b>  <b>संरक्षण, वन संसाधन</b>  <b>आणि शहरी विकास विभाग</b></p> <p>Government of India          Central Ground Water Authority          Ministry of Water Resources,          River Development &amp; Flood Management</p> <p><b>Date: 29 Aug 2018</b></p>
<p><b>Ms Diamond Cement - Grinding Unit</b>                  (from Hindustan Cement India Limited,                  Village &amp; Post Narsinghpur, Block Patharia,                  District Damoh, Madhya Pradesh - 476070)</p> <p><b>Sub: - NOC for ground water withdrawal to Ms Diamond Cement - Grinding Unit in respect of their existing Cement Industry unit located at Village Intal, Block &amp; District Damoh, Madhya Pradesh - reg.</b></p> <p>Refr: to your application for grant of NOC for ground water withdrawal dated 13/07/2017. Based on recommendations of Regional Director, Central Ground Water Board, North Central Region, Ghazal vide their recommendations dated 11/05/2018 and further deliberations on the subject, the NOC of Central Ground Water Authority is hereby accorded to Ms Diamond Cement - Grinding Unit in respect of their existing Cement Industry unit located at Village Intal, Block &amp; District Damoh, Madhya Pradesh. The NOC is valid from 01/08/2018 to 01/08/2022 and is subject to the following conditions:-</p> <ol style="list-style-type: none"> <li>1. The firm may extract 500 cum/day (and not exceeding 30,000 cum/year) of ground water through seven (7) existing dug wells only. No additional ground water abstraction structures shall be constructed for this purpose without your approval of the CGWA.</li> <li>2. All the wells shall be fitted with night water meters by the firm at its own cost and monthly ground water abstraction rate of each well shall be recorded in a log book. Compliance to this condition shall be reported within one month from the date of issue of this letter.</li> <li>3. Ms Diamond Cement, Grinding Unit, in consultation with the Regional Director, Central Ground Water Board, North Central Region, should start treatment ground water through maximum amount of 3,78,190 cum/year as proposed for supplying the ground water needs of the area where your maximum water level is more than 2 meter below ground level. Firm shall report the compliance within six months from the date of issuance of this letter. Firm shall also undertake periodic maintenance of recharge structures at its own cost.</li> <li>4. The photographs of the recharge structures after completion of construction at the wells shall be submitted immediately to the Regional Director, Central Ground Water Board, North Central Region, Ghazal for verification upon intimation to this office.</li> <li>5. The firm, at its own cost, shall establish one (1) observation well (permanent) at suitable location and install digital water level recorder for (monthly ground water level)</li> </ol>		
<p>CGWA, 1st Floor, 1st Cross, 3rd Stage, 1st Block, New Delhi-110015                  Phone: 011-23108221 FAX: 23108221, 23108242                  Website: www.cgwa.gov.in                  e-mail: info@cgwa.gov.in                  (INDIAN WATER LAWS 1986)</p>		

## Annexure – 1 A: Stack Emission Results (Cement Mill)



## Annexure – 1A: Stack Emission Results (Packing Plant)



## Annexure-2 (Online emission monitoring System)



CEMS in the stack of Bag House of Cement Mill-3, Imtal



Online data transmission at CPCB website



Online data transmission at MPCCB website

## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>A . Specific Conditions as recommended by SEIAA</b>	
5	PP should ensure to disposal of solid waste as per CPCB / MPPCB Norms.	We are being disposed the solid scarp and other waste to sell to the authorized vender through e-auction/manual auction.
6	All parking areas of trucks for transportation of raw material and finished products should be properly paved and concreted to reduce dust pollution . The service road & staff road should be developed separately.	All parking areas of trucks for transportation of raw material and finished products have been paved and concreted to reduce dust pollution . A separate service & staff road have developed within the plant premises.
7	Proper parking bays for control of traffic movement within the plant area and plantation be done on the parking bays.	We are being complied with
8	Proper Parking facility should be provided for employees & transport used for collection & disposal of waste materials.	Proper Parking facility is available in plant premises for every concerns.
9	PP must ensure to develop area of 9.9 hect by planting of 15000 trees. PP will make sure to have a green belt all around the periphery of plant area. The plants should be 3 years old	More than 38 % of plant area is being covered with the greenbelt. Dense greenery is all around of the plant periphery with the majority of trees having age more than 3 years.
10	Necessary provision shall be made for fire - fighting facilities within the complex.	Adequate Fire fighting, Safety infrastructure and trained personnel have been made available at the site. Environment, Health and Safety (EHS) policy is already implemented for project with the assistance of experts in the field. On site and off site emergency plan have already been delineated for the proposed project



## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>A. Specific Conditions as recommended by SEIAA</b>	
11	All environmental parameters regarding air & water should be analyzed every year and in case of any deviation from the permissible limit, corrective measures be taken for improvement of environmental conditions.	We are being monitored all desired Environmental parameters in plant premises related with the Air & Water through third party contract of the NABL accredited Lab and its data is being submitted to the concern Pollution Control Board on regular basis.
12	PP should plan the CSR activities as per local villagers needs and should consult District administration for implementation of the CSR activities and submit the same to MPSEIAA.	CSR activity is being done as per the requirement and consultation with local community and we are consulting the things with district administration for implementation as and when required. The detail of the CSR activity is being submitted to MoEFCC (MPSEIAA) with six monthly EC compliance report.
13	PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP – SEIAA. If PP is failed to upload or submit two consecutive half yearly compliance reports of EC conditions to concerned authority (SEIAA and Regional Office, MOEF & CC, Govt. Bhopal) than prior environmental clearance issued to PP will automatically be treated as cancelled / revoked as per OM No. 930/SEIAA/2019 dated 30.05.2019 issued by MPSEIAA,	Being complied with.  Detail of the CSR activities is enclosed as <b>Annexure-3</b> .

### **Annexure – 3: Details of CSR activities (FY 2021-22)**

**(Common For Clinkerisation Unit Narsingarh, Patharia Lime Stone Mines, Patharia and Grinding Unit Imlai)**

2021-2022		
S.No.	CSR Activities	Actual Spent' Lacs INR
1	Education Programme	293.5
2	Community Health Programme	69.8
3	Livelihood Enhancement Programme	77.3
4	Infrastrcuture Development	71.3
5	Social Engagament Programme	6.2
Grand Total in Lac		518.1

## Some of the CSR activities (Education & Health)



Educational Kit Distribution in Schools



Health Initiatives (Distribution of Mask and First aid Kits)

## Some of the CSR activities (Livelihood Enhancement )



Silai School: running in association with USHA International Ltd



Name of project: Electrical & Home appliances repairing

Beauty Parlour

## Some of the CSR activities (Infrastructure & Social Engagement)



Road & shed Construction



Distribution of Tri-Cycle & Fodder Seed

## Compliance Status of Environment Clearance

S.N:	Conditions	Compliance Status
	<b>B . Specific Conditions as recommended by SEAC</b>	
	<b>I - Statutory Compliance</b>	
1	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board / Committee .	We have received Consent to Establish / Operate under the provisions of Air Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from Madhya Pradesh State Pollution Control Board. Copy attached as <b>Annexure-1B</b> .
2	The project proponent shall obtain the necessary permission from the Central Ground Water Authority. In case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.	We have already received the NOC from CGWA to withdraw the ground water of quantity 100 KLD for domestic purpose. Copy attached as <b>Annexure-1A</b> .
3	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	We have already received the authorisation from MPPCB under the Hazardous and other Waste Management Rules, 2016 fro Hazardous waste management. Copy attached as <b>Annexure-1C</b> .

# Annexure-1B (Consent to Establish & Operate)



**Consent Order**

M.P. Pollution Control Board  
E-5, Arera Colony  
Bhopal - 462 010  
Tel: 0755-264111, Fax: 0755-264711

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**APP-10004**

**CGO Request**  
Valid up to 31/12/2021

**CONSENT NO.**  
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**DOB NO.**  
18479

**Consent No. AW 2199**

**To:** The Occupier,  
M/s. Diamond Cement  
Grinding Unit Line 2 & 3  
Village Indri, M.P. Narsinghpur,  
(District District #3877 (M.P.))

**Subject:** Grant of Consent to Establish & Operate under section 21 of the Water Pollution & Control Act 1986 in accordance with the consent order No. AW 2199 issued by the M.P. Pollution Control Board.

**Ref:** Total Application No. 08/01/2021 dated 08/01/2021 and the communication issued on 08/01/2021.

Where provision in the consent order under section 21 of the Water Pollution & Control Act 1986 is made, under section 21 of the Air Pollution & Control Act 1986 and under section 21 of the Environment & Forest Act 1986 and will be subject to the conditions mentioned therein. The consent order shall be subject to the conditions mentioned therein. The consent order shall be subject to the conditions mentioned therein. The consent order shall be subject to the conditions mentioned therein.

**SUBJECT TO THE FOLLOWING CONDITIONS :-**

**a. Location:** Village Indri, P.O. Narsinghpur, District District #3877 (M.P.)

**b. The capital investment is to be:** Rs. 700

**c. Product & Production Capacity:**

Product	CER Qty. / Year	CCA Qty. / Year	Approved by M.P. PCB
Grinding Unit Line 2 & 3	100000000 TPA	100000000 TPA	08/01/2021

The consent order is issued under section 21 of the Water Pollution & Control Act 1986 and under section 21 of the Air Pollution & Control Act 1986 and under section 21 of the Environment & Forest Act 1986 and will be subject to the conditions mentioned therein. The consent order shall be subject to the conditions mentioned therein. The consent order shall be subject to the conditions mentioned therein.

**Enforcement:**

- \* Consistent with Water Act
- \* Consistent with Air Act
- \* General Condition



Approved On: 14/11/2021 10:20:43  
Secretary, Pollution Control Board, M.P. Narsinghpur,  
INDIA-462010



**B.S. AGNI**  
Member Secretary



**Consent Order**

M.P. Pollution Control Board  
E-5, Arera Colony  
Bhopal - 462 010  
Tel: 0755-264111, Fax: 0755-264711

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**APP-10004**

**CGO Request**  
Valid up to 31/12/2021

**CONSENT NO.**  
---

**DOB NO.**  
18479

**Consent No. AW 2199**

**To:** The Occupier,  
M/s. Diamond Cement (Grinding Unit Indri),  
Village Indri,  
Dist. District #3877

**Subject:** Renewal of Consent order section 21 of the Water Pollution & Control Act 1986 in accordance with the consent order No. AW 2199 issued by the M.P. Pollution Control Board.

**Ref:** Total Application No. 08/01/2021 dated 08/01/2021 and the communication issued on 08/01/2021.

With reference to your above application, the renewal of consent has been considered under the consent order No. AW 2199 issued by the M.P. Pollution Control Board. The consent order shall be subject to the conditions mentioned therein. The consent order shall be subject to the conditions mentioned therein. The consent order shall be subject to the conditions mentioned therein.

**SUBJECT TO THE FOLLOWING CONDITIONS :-**

**a. Location:** Village Indri, District District #3877 (M.P.)

**b. The capital investment is to be:** Rs. 400000

**c. Product & Production Capacity:**

Product	CER Qty.	CCA Qty.	Approved Qty.
Grinding Unit Line 2 & 3	100000000 TPA	100000000 TPA	100000000 TPA
Grinding Unit Line 2 & 3	100000000 TPA	100000000 TPA	100000000 TPA

The consent order is issued under section 21 of the Water Pollution & Control Act 1986 and under section 21 of the Air Pollution & Control Act 1986 and under section 21 of the Environment & Forest Act 1986 and will be subject to the conditions mentioned therein. The consent order shall be subject to the conditions mentioned therein. The consent order shall be subject to the conditions mentioned therein.

**Enforcement:**

- \* Consistent with Water Act
- \* Consistent with Air Act
- \* General Condition





# Annexure-1C (Authorization for Hazardous waste)



M.P. Pollution Control Board  
E-5, Arera Colony,  
Indore-472 001, Madhya Pradesh  
Tel: 0755-2551251, Fax: 0755-2483742

## Authorization Order

REG. LARGE	CCA-Regard	VALIDITY (To: 11/10/2023)	PURCHASE NO. ---	FORM NO. 10049
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NO: J/MP/PCB/2023

To,

The Operator,  
M/s. Diamond Cement,  
Grinding Unit (Unit-1 & 2) (M.P.),  
Village Indra, P.O. Narainagar,  
District Dewas-374675 (M.P.)

Subject: Grant of Renewal of Authorization under Hazardous Waste (Management & Transboundary Movement) Rules, 2016  
Ref: Your Application Receipt No. 008187 Dt. 30/07/2022 and last communication received on 28/09/2022

With reference to your above application has been considered under the amended Act and existing rules therein. The M.P. Pollution Control Board has agreed to grant Authorization up to 11/10/2023, subject to the fulfillment of the terms & conditions mentioned in the authorization letter no. 549 dt. 11/08/2018 & enclosed with this letter.

### SUBJECT TO THE FOLLOWING CONDITIONS :

- Location : Village Indra, P.O. Narainagar, District Dewas-374675 (M.P.)
- The capital investment in terms of Rs. 40000
- Product & Production Capacity:

Product	MT/Qty/Year	M.T./Qty/Year	Estimated Qty/Year
Cement for clinker grinding	2000000 M.T.	2000000 M.T.	2000000 M.T.

### Enclosure:-

- Conditions under Hazardous Rules
- General conditions



e-Signed On 11/10/2023 10:19:13  
(Original Authorization on Aadhaar from UIDAI Server)  
EPAN # 1144221237

*Achyut Anand Mishra*  
ACHYUT ANAND MISHRA  
Member Secretary

Control No. B-40979-Board 1 added: 11/10/2023, Generated by 97487 on 29/10/2023, DEAS # 1144221237

Form No. 10049 (2018)

e-Signed (Physical Signature NOT required)

Page 1 of 1



## Compliance Status of Environment Clearance

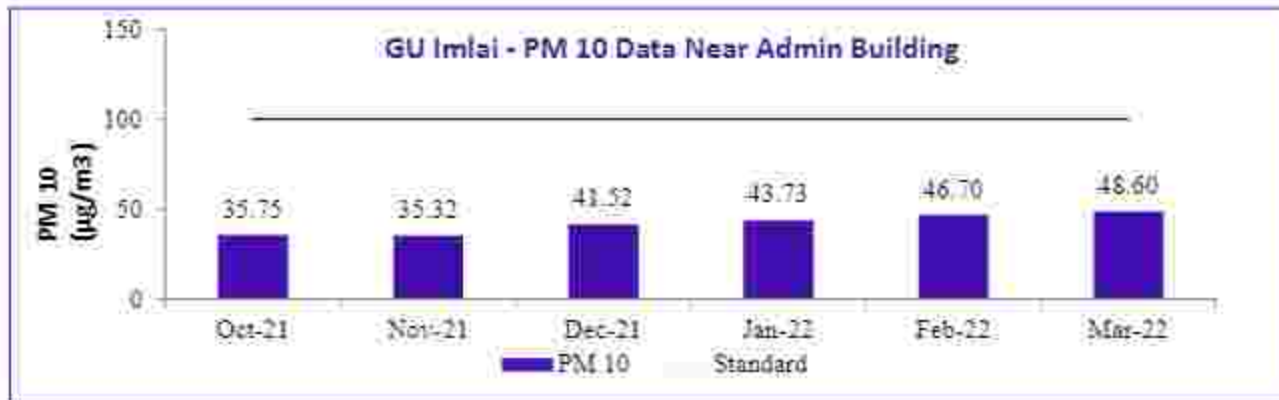
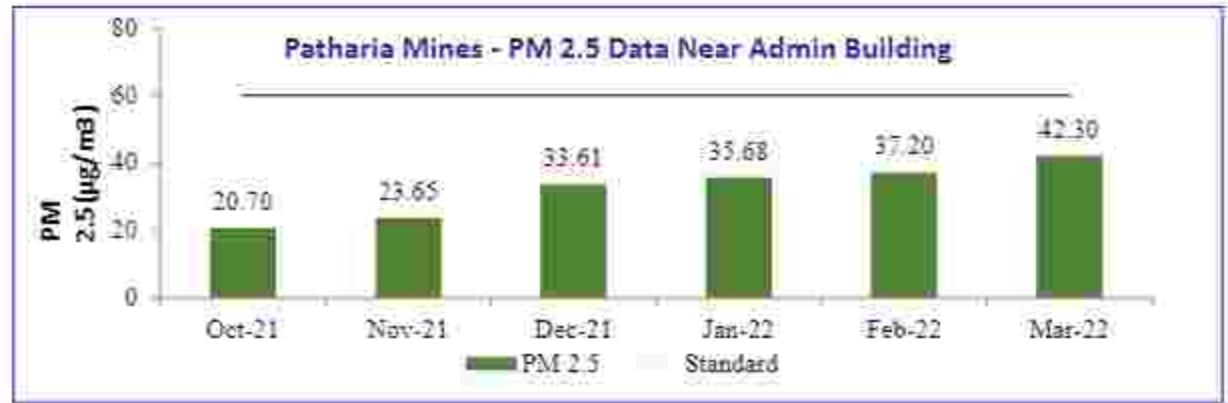
S.N.	Conditions	Compliance Status
	<b>II. Air quality monitoring and preservation</b>	
1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment ( Protection ) Rules 1986 (G.S.R. No. 612 (E) dated 25th S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories .	Online Continuous Emission Monitoring System (CEMS) have been installed with all desired stacks and its data is being punched to CPCB and MPPCB websites.
2	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	We are being done Fugitive emission in our plant premises through NABL accredit Lab on monthly basis and its data is being submitted to PCB on monthly basis. Detailed report is enclosed as <b>Annexure-4</b> .
3	The project proponent shall install system carryout to Ambient Air Quality monitoring for common / criterion parameters relevant to the main pollutants released (e.g. PM10 and PM 2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering up wind and downwind directions.	four numbers of Ambient Air Quality Monitoring station have been established near the plant boundary as per the prescribed norms of PCB for monitoring of PM-10 and PM-2.5, SO2, NOx & CO. detailed report is enclosed as <b>Annexure-5</b> .

## **Annexure – 4: GRINDING UNIT – IMLAI, FUGITIVE EMISSION**

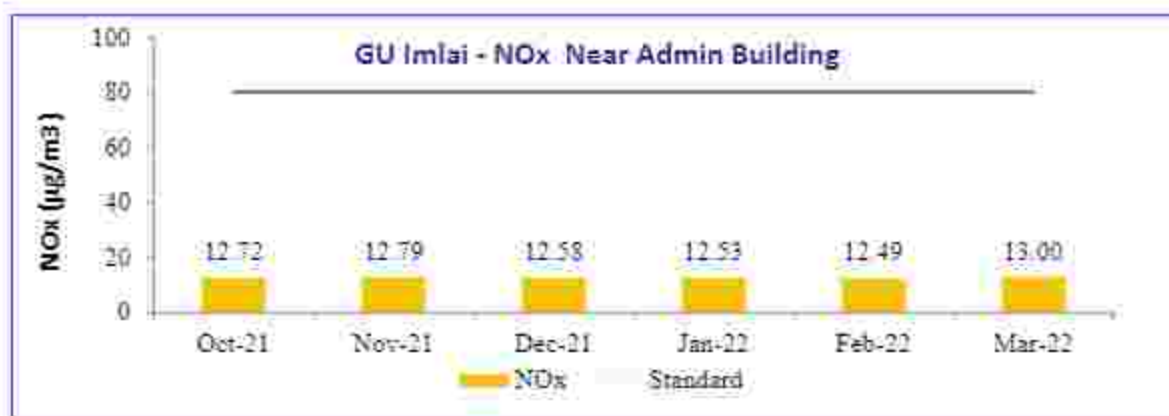
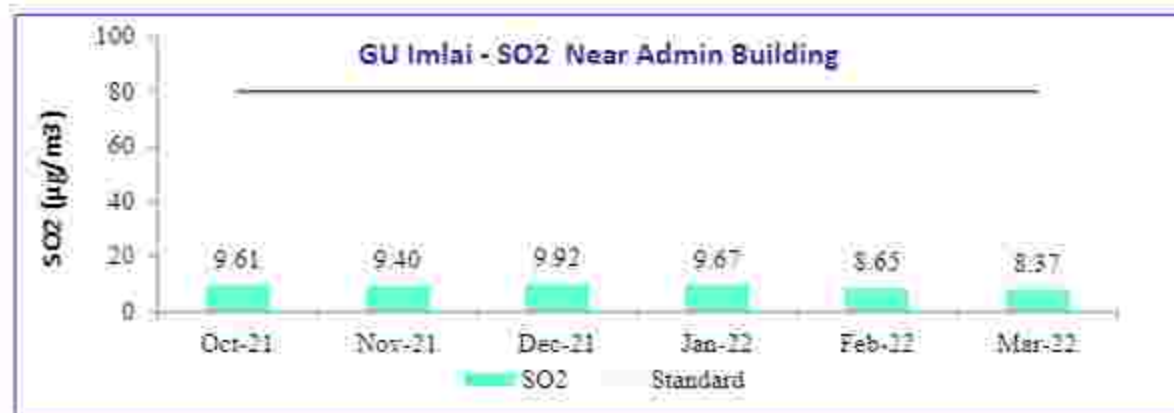
### **Secondary Fugitive Emission Result ( $\mu\text{g}/\text{m}^3$ )**

<b>Months</b>	<b>Clinker Stock Pile</b>	<b>Coal yard</b>	<b>Gypsum Yard</b>	<b>Fly ash Handling System</b>	<b>Near Cement Silo</b>
<b>December</b>	769	739	776	796	944
<b>March</b>	870	845	720	800	985

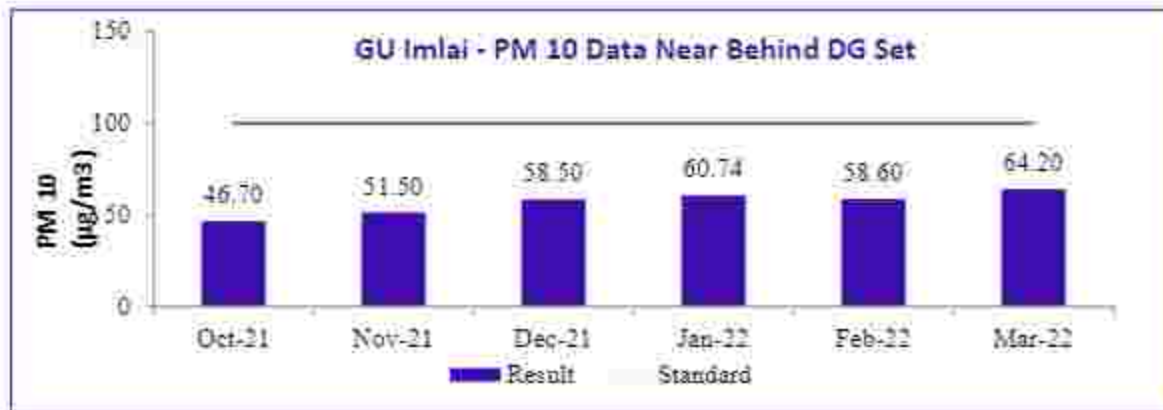
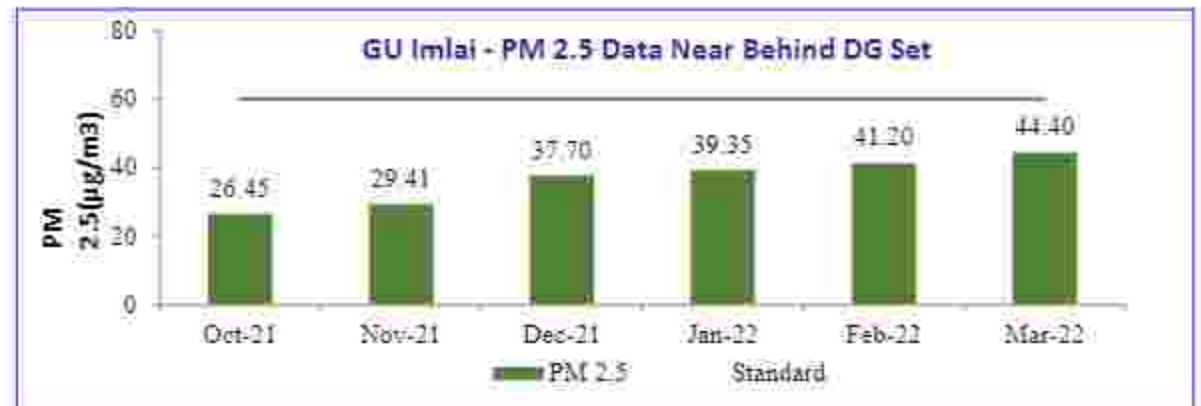
## Annexure – 5: GRINDING UNIT - IMLAI, AMBIENT AIR QUALITY RESULTS (Near Admin Building)



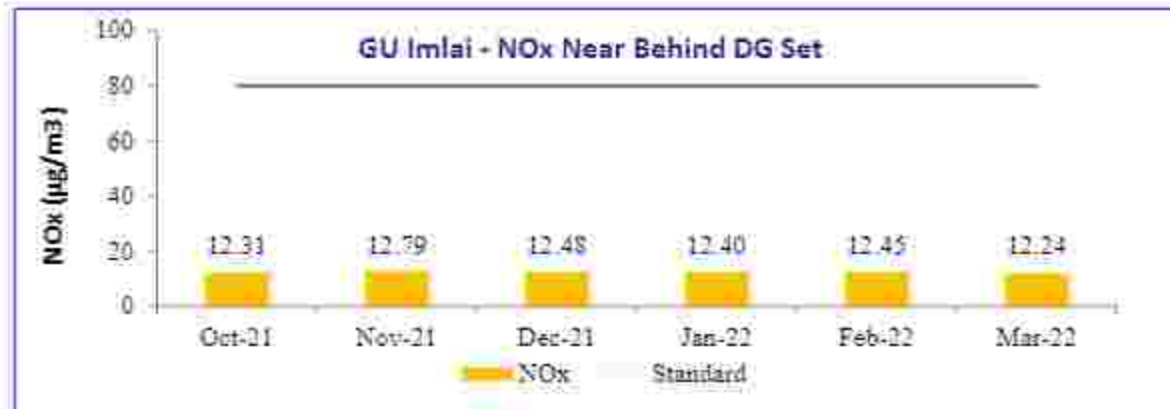
## Annexure – 5: GRINDING UNIT - IMLAI, AMBIENT AIR QUALITY RESULTS (Near Admin Building)



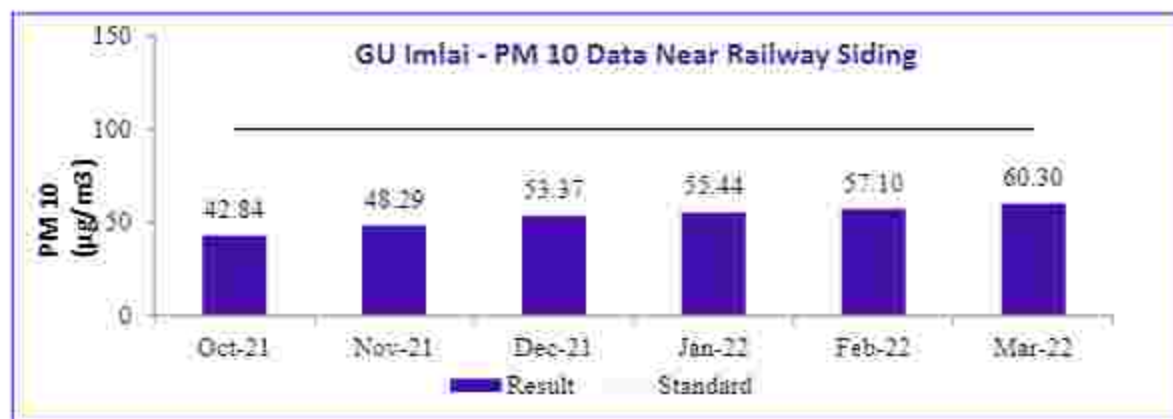
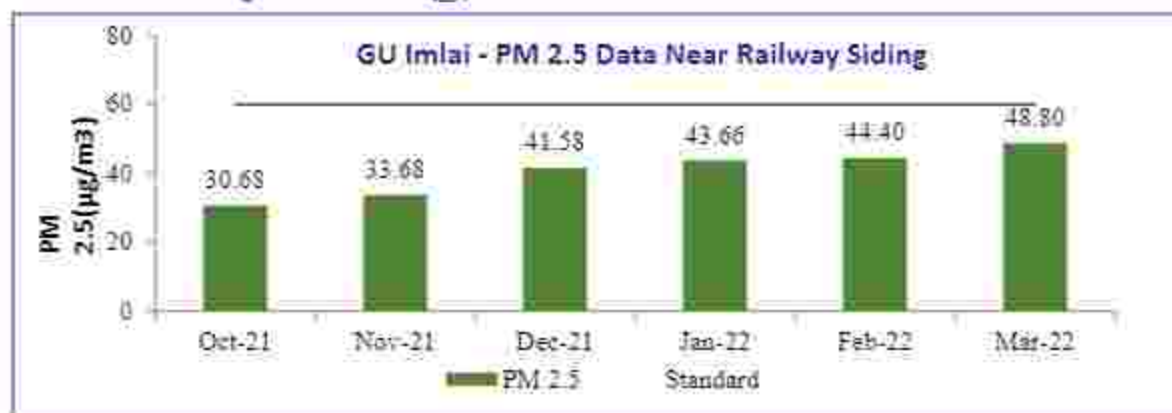
## Annexure – 5: GRINDING UNIT - IMLAI, AMBIENT AIR QUALITY RESULTS (Behind D.G Set)



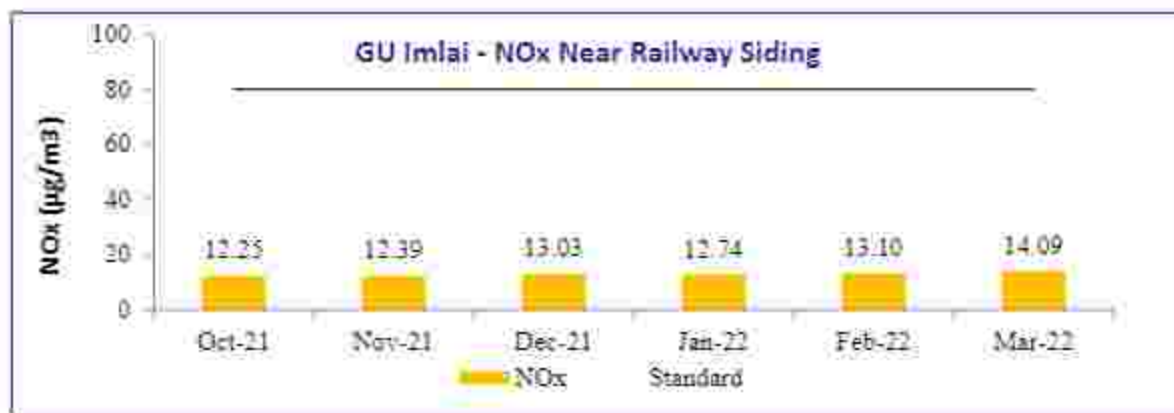
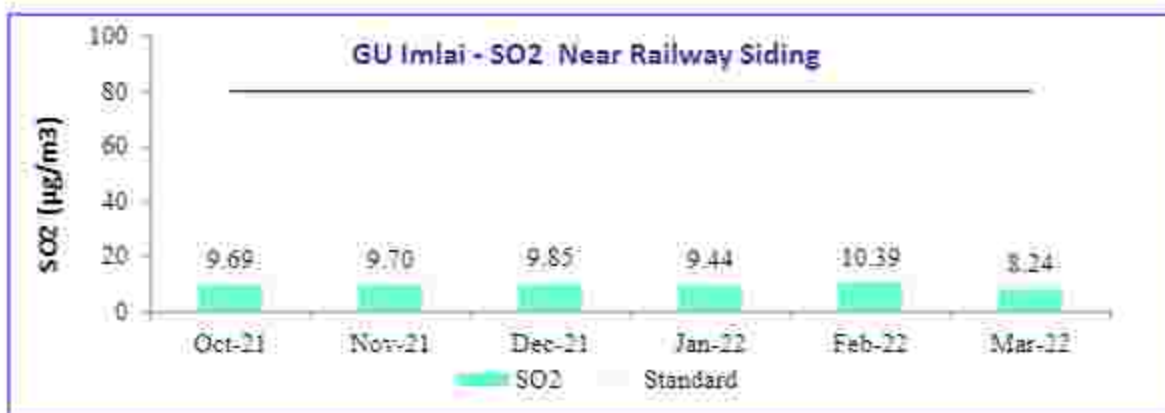
## Annexure – 5: GRINDING UNIT - IMLAI, AMBIENT AIR QUALITY RESULTS (Behind D.G set)



## Annexure – 5: GRINDING UNIT - IMLAI, AMBIENT AIR QUALITY RESULTS (Near Railway Siding)

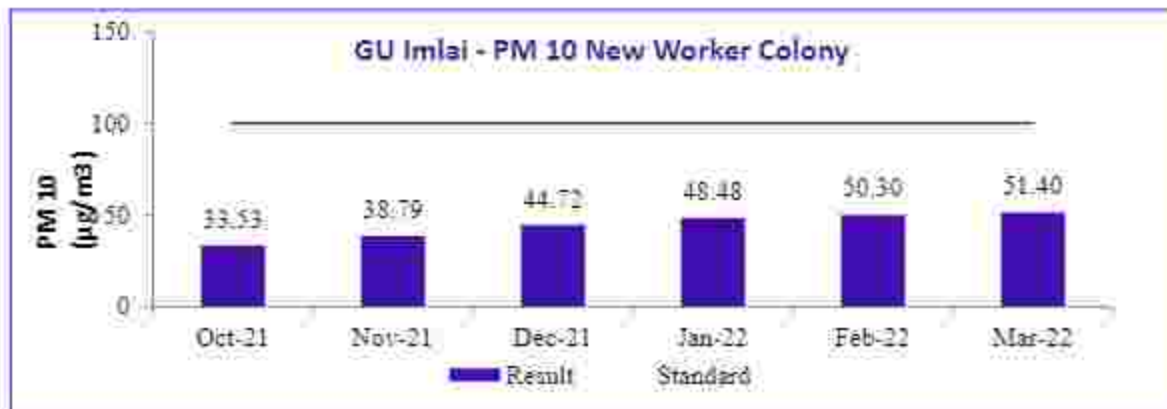
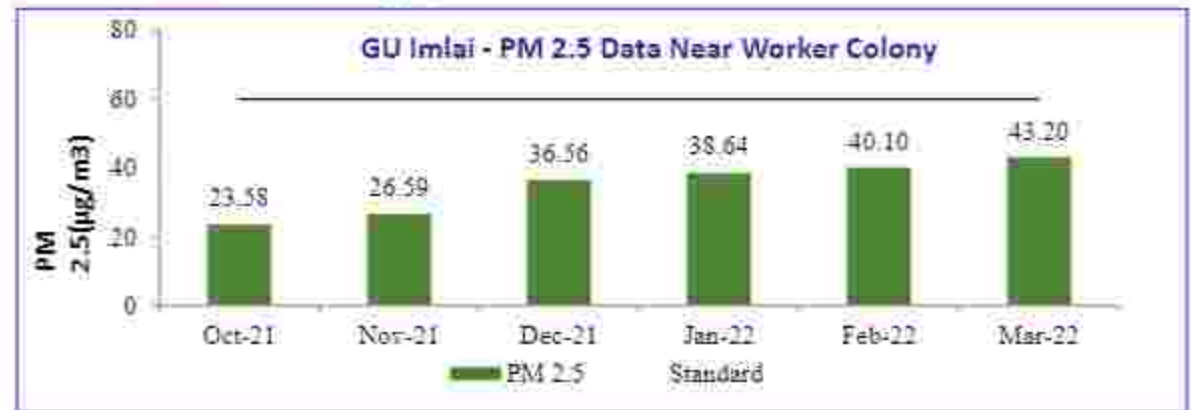


## Annexure – 5: GRINDING UNIT - IMLAI, AMBIENT AIR QUALITY RESULTS (Near Railway Siding)

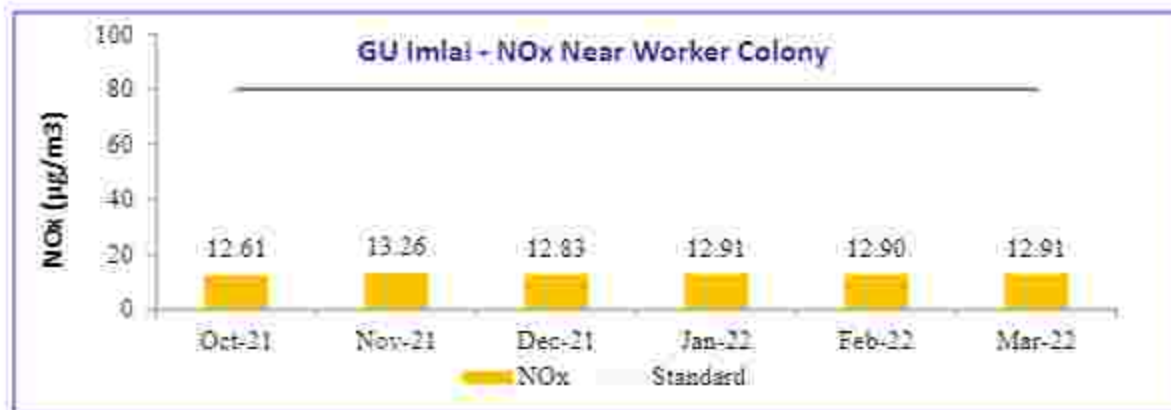
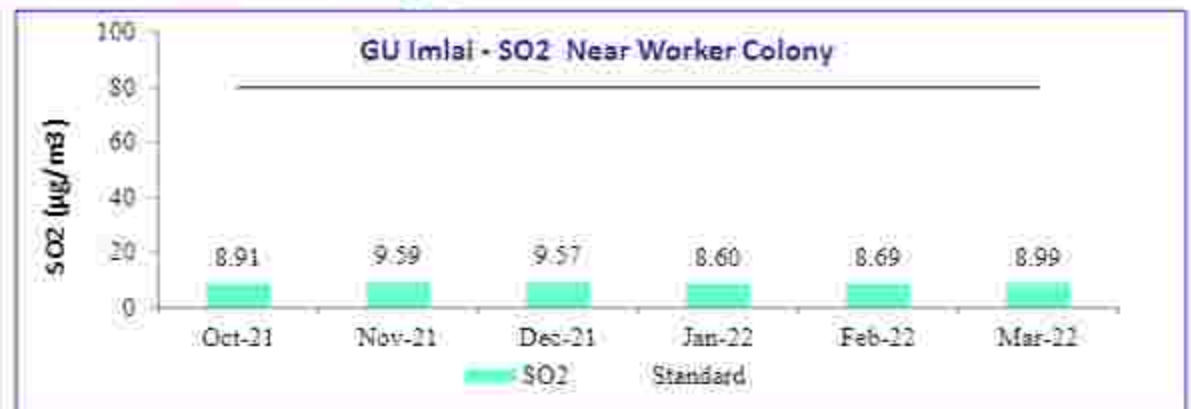




## Annexure – 5: GRINDING UNIT - IMLAI, AMBIENT AIR QUALITY RESULTS (Near Worker Colony )



## Annexure – 5: GRINDING UNIT - IMLAI, AMBIENT AIR QUALITY RESULTS (Near Worker Colony )



## Compliance Status of Environment Clearance

13.	Conditions	Compliance Status
	<b>II. Air quality monitoring and preservation</b>	
4	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six monthly monitoring report.	Being complied with
5	Appropriate Air Pollution Control ( APC ) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources , so as to comply prescribed stack emission and fugitive emission standards.	Bag filters have been installed at every material loading, unloading & transfer points, all Raw material and product is being transporting through covered conveyors and storage in covered storage shed Silos etc. to control fugitive emission within the plant. Detail of the dust collector is given as <b>Annexure-6</b> .
6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Bag cleaning device have been installed at each packer bag discharge belts.
7	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	Being complied the CREP guidelines its compliance report is attached as <b>Annexure-7</b> .
8	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Mobile & manual sweeping machines being used for sweeping purpose within plant.

# **DETAILS OF AIR POLLUTION CONTROL MEASURES**

**INSTALLED AT UNIT - IMLAI**

**M/s DIAMOND CEMENTS  
(PROP: HEIDELBERG CEMENT INDIA LTD.)**

## Annexure -6 Details of Pollution Control Measures installed in Existing Cement Mills at Imlai

S. N.	Location of air pollution control equipment (main equipment/ transfer point)	Type of air pollution control equipment (Bag House/ Dust Collector)	Stack Height (Mtr.)	Stack Dia. (mm)	Volume of air handling (M <sup>3</sup> /hr) operating	Inlet load of Dust at Dust collector	Dust concentration at outlet of BH/BF
1	CEMENT MILL No.1	BAG HOUSE	38.0	1450	70000	<50g/m <sup>3</sup>	<30mg/Nm <sup>3</sup>
2	CEMENT MILL No.2	BAG HOUSE	37.5	1500	75000	<50g/m <sup>3</sup>	<30mg/Nm <sup>3</sup>
3	CEMENT MILL No.3	BAG HOUSE	51	1120	55440	<50 g/m <sup>3</sup>	<30 mg/Nm <sup>3</sup>

## **Annexure -6 Bag House of Cement Mill along with tall Stack**



**Bag House of Cement Mill-3 along with stack**



## Covered Belt Conveyor and Bag Filters at different Transfer points



## Details for Dust Collector (Transfer Points) – New Line , Imlai

S. No	Location of air pollution control equipment (main equipment/ transfer point)	Type of air pollution control equipment (Bag House/ Dust Collector)	Volume of air handling (M3/ hr) operating
1	BF080 GYPSUM INTAKE AND CRUSHER	DUST COLLECTOR	8880
2	BF300 GYPSUM INTAKE AND CRUSHER, APRON FEEDER	DUST COLLECTOR	14280
3	BF320 GYPSUM INTAKE AND CRUSHER	DUST COLLECTOR	5400
4	BF350 GYPSUM INTAKE AND CRUSHER	DUST COLLECTOR	5400
5	212.BF400 GYPSUM INTAKE AND CRUSHER	DUST COLLECTOR	5400
6	BF450 GYPSUM INTAKE AND CRUSHER	DUST COLLECTOR	2940
7	BF070 GYPSUM AND COAL STORAGE	DUST COLLECTOR	12300
8	BF170 GYPSUM AND COAL STORAGE	DUST COLLECTOR	17760



## Contd...Details for Dust Collector (Transfer Points) – New Line , Imlai

9	BF035 DRY FLYASH TRANSPORT TO CEMENT MILL	DUST COLLECTOR	2580
10	BF050 DRY FLYASH TRANSPORT TO CEMENT MILL	DUST COLLECTOR	2580
11	BF210 DRY FLYASH TRANSPORT TO CEMENT MILL	DUST COLLECTOR	7800
12	BF075 CLINKER TRANSPORT TO STORAGE	DUST COLLECTOR	11820
13	BF085 CLINKER TRANSPORT TO STORAGE	DUST COLLECTOR	30000
14	47L.BF090 CLINKER TRANSPORT TO STORAGE	DUST COLLECTOR	30000
15	BF120 CLINKER TRANSPORT TO STORAGE	DUST COLLECTOR	13800
16	BF150 CLINKER TRANSPORT TO STORAGE	DUST COLLECTOR	2520
17	BF165 CLINKER TRANSPORT TO STORAGE	DUST COLLECTOR	7080

## Contd...Details for Dust Collector (Transfer Points) – New Line , Imlai

18	BF175 CLINKER TRANSPORT TO STORAGE	DUST COLLECTOR	7080
19	481.BF185 CLINKER TRANSPORT TO STORAGE	DUST COLLECTOR	7080
20	BF290 CLINKER TRANSPORT TO STORAGE	DUST COLLECTOR	6120
21	BF020 CEMENT MILL FEED	DUST COLLECTOR	11280
22	511.BF030 CEMENT MILL FEED	DUST COLLECTOR	7800
23	BF560 CEMENT MILL FEED	DUST COLLECTOR	8400
24	BF215 CEMENT MILL	DUST COLLECTOR	2880
25	BF260 CEMENT MILL	DUST COLLECTOR	2400
26	BF420 CEMENT MILL, O – SEPA VENTING	BAG HOUSE	36720
28	BF565 CEMENT MILL	DUST COLLECTOR	1920

## Contd...Details for Dust Collector (Transfer Points) – New Line , Imlai

29	BF570 CEMENT MILL	DUST COLLECTOR	4920
30	541.BF150 CEMENT TRANSPORT TO SILO FROM EXISTING CEMENT MILL	DUST COLLECTOR	2760
31	BF1 (TOP OF CEMENT SILO)	DUST COLLECTOR	7,500
32	BF2 (VENTING OF COLLECTING BIN OF CEMENT SILO)	DUST COLLECTOR	5,000
33	BF1 (FOR PACKER 1)	DUST COLLECTOR	34,000
34	BF2 (FOR PACKER 1)	DUST COLLECTOR	16,000
35	BF3 (FOR AIR SLIDE-14)	DUST COLLECTOR	2,500
36	BF4 (FOR AIR SLIDE-13)	DUST COLLECTOR	2,500

### Contd...Details for Dust Collector (Transfer Points) – New Line , Imlai

37	BF5 (FOR AIR SLIDE-22 & BOOT OF BUCKET ELEVATOR - 3)	DUST COLLECTOR	5,000
38	BF6 (FOR AIR SLIDE-11, 15 & BOOT OF BUCKET ELEVATOR -4)	DUST COLLECTOR	10,000
39	BF1 (FOR PACKER-2)	DUST COLLECTOR	34,000
40	BF2 (FOR PACKER-2)	DUST COLLECTOR	16,000
41	BF1 (FOR PACKER-4)	DUST COLLECTOR	34,000
42	BF2 (FOR PACKER-4)	DUST COLLECTOR	16,000

## Details of Pollution Control Measures installed at various transfer/ material handling points at Imlai (Existing)

S.N.	Location of PCM	PCM
1	Cement Mill -1	Bag House
2	Cement Mill -2	Bag House
3	Belt goes to yard, near Gypsum yard, feeding to hopper (Transfer Tower BC-32 TO BC-6/BC-33)	Bag Filter BFA
4	Belt coming from yard to hopper conveying Fly ash/ Gypsum (BC-02A TO BC-02B)	Bag Filter BF B
5	Belt from yard to transfer Tower, conveying clinker (BC-7 TO BC-8)	Bag Filter BFC
6	At Transfer Tower, clinker transfer point (BC-8- BC-9)	Bag Filter BFD
7	CM -2 Hopper top (BC-9 TO BC-11)	Bag Filter BFE
8	Top of the wagon loading hopper	Bag Filter BFH
9	Packing Plant No. 3	Bag Filter BFG
10	Rope way unloading hopper	Bag Filter BFF (S)
11	Packing Plant No. 2	Bag Filter
12	Packing Plant No. 4	Bag Filter

## Contd....Details of Pollution Control Measures installed at various transfer/ material handling points at Imlai (Existing)

13	Top of cement Silo 1	Bag Filter
14	Top of cement Silo 2	Bag Filter
15	Top of cement Silo 3	Bag Filter
16	Top of cement Silo 4	Bag Filter
17	Air Lift	Bag Filter
18	BC-33 discharge to clinker stock pile	Bag Filter
19	BC-6 discharge to mills feed dump hoppers	Bag Filter
20	Cement Mill No. 1 feed hopper top	Bag Filter
21	Coal Dump Hopper at Imlai	Dust Suppression System
22	Clinker belt Bc-32, BC- 6 and BC-8	Dust Suppression System
23	Water Spray system in the Gypsum & Coal unloading yard	Dust Suppression System
24	Sewage Treatment Plant for Domestic Sewage	STP (90 KLD)
25	Dense Green Belt Development in the premises	Green Belt Development
Dry Fly ash management system embodied with following PCM at Imlai		
1	Truck Tippler (Above Dump hopper)	Bag Filter
2	Truck Tippler (Above Dump hopper)	Bag Filter
3	Silo Extraction (Bottom)	Bag Filter
4	Silo Top	Bag Filter
5	Day Bin Top	Bag Filter
6	Control/ Calibration Bin	Bag Filter
7	Control/ Calibration Bin	Bag Filter

## Annexure- 7: Compliance of Charter on Corporate Responsibility for Environmental Protection (CREP)

S. N.	Agenda as per the Charter	Status
1	Cement Plants, which are not complying with notified standards, shall do the following to meet the standards: <ul style="list-style-type: none"> <li>•Augmentation of existing Air Pollution Control Devices — by July 2003</li> <li>•Replacement of existing Air Pollution Control Devices — by July 2003</li> </ul>	We have already installed the Pollution control Measures at all relevant places, besides this we have modified the old ESP in to Pulse Jet Bag houses and installed new Pollution control equipment in old and new line to achieve the emission level < 30 mg/NM <sup>3</sup> .
2	Cement Plants located in critically polluted or urban areas (including 5 km distance outside urban boundary) will meet 100 mg/Nm <sup>3</sup> limit of particulate matter by December 2004 and continue working to reduce the emission of particulate matter to 50 mg/Nm <sup>3</sup> .	The emission level from the stack is being maintained < 30 mg/NM <sup>3</sup> .
3	The new cement kilns to be accorded NOC/Environmental Clearance w.e.f. 01.04.2003 will meet the limit of 50 mg/Nm <sup>3</sup> for particulate matter emissions.	The emission level from the stack is being maintained < 30 mg/NM <sup>3</sup> .

## Annexure- 7: (CREP)

4	CPCB will evolve load based standards by December 2003.	Not applicable
5	CPCB and NCBM will evolve SO <sub>2</sub> and NOx emission standards by June 2004.	Not Applicable
6	The Cement industries will control fugitive emissions from all the raw material and products storage and transfer points by December 2003. However, the feasibility for the control of fugitive emissions from limestone and coal storage areas will be decided by the National Task Force (NTF). The NTF shall submit its recommendations within three months.	We have installed adequate new Bag filters at various transfer points to control the generation of fugitive emission. Dust suppression system has also been installed at various points.
7	CPCB, NCBM, BIS and Oil refineries will jointly prepare the policy on use of petroleum coke as fuel in cement kiln by July 2003.	Not Applicable
8	After performance evaluation of various types of continuous monitoring equipment and feedback from the industries and equipment manufacturers, NTF will decide feasible unit operations/sections for installation of continuous monitoring equipment. The industry will install the continuous monitoring systems (CMS) by December 2003.	Opacity meter has been installed at all the Cement mills stack and its online stack emission data is being uploaded at MPPCB & CPCB server.
9	Tripping in kiln ESP to be minimized by July 2003 as per the recommendation of NTF.	No ESP is there in the plant only Bag House, bag filters, Dust suppression system have been installed. Hence no tripping is involved.



## Annexure- 7: (CREP)

10	Industries will submit the target date to enhance the utilization of waste material by April 2003.	Fly ash is being purchased from TPP, which is being utilized for making cement at Grinding Unit Imlai.
11	NCBM will carry out a study on hazardous waste utilization in cement kiln by December 2003.	This is a Grinding Unit hence Not Applicable.
12	Cement industries will carry out feasibility study and submit target dates to CPCB for co-generation of power by July 2003.	The waste gases emitting from Cement Mill Stacks are having very low temperature from which co-generation of power is not feasible.

## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>II . Air quality monitoring and preservation</b>	
9	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation ; Use closed bulkers for carrying fly ash.	All raw materials and Products are being transporting covered to prevent spillage and dust generation and Fly ash is being transported trough closed bulkers.
10	Provide wind shelter fence and chemical spraying on the raw material stock piles.	All raw materials and products are being stored in covered shed/Silo.
11	Have separate truck parking area and monitor vehicular emissions at regular interval.	Seperate Truck parking area is available and regular monitoring of vehicular emission is being done by the transporters.
12	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts / railways as a mode of transport	We are transporting raw materials and Product within plant by covered conveyor belts and transporting Raw materials and product by Railways, closed Bulker and closed containers.
13	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants	Being complied with

## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>iii. Water quality monitoring and preservation</b>	
i	i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G . S . R . No . 612 (E) dated 25th August , 2014 ( Cement ) and subsequent amendment dated 9th May , 2016 (Cement) and S . O . 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act , 1986 or NABL accredited laboratories . (case to case basis small plants : Manual ; Large plants : Continuous)	No effluent water is being generated during plant process only domestic waste water is being generated from the plant and colony which is being treated in Sewage Treatment plant (STP). The treated Sewage water quality is being checked by NABL accredit lab and its data is being submitted to PCB on monthly basis. Copy of the report is attached as <b>Annexure-8</b> .
ii	ii . The project proponent shall monitor regularly ground water quality at least twice a year ( pre and post monsoon ) at sufficient numbers of piezometers / sampling wells In the plant and adjacent areas through labs recognized under Environment ( Protection ) Act , 1986 and NABL accredited laboratories.	We are being monitored ground water quality through NABL accredit lab before and after Monsoon. Copy of the report is attached as <b>Annexure-9</b> .

# Annexure – 8: STP water Quality report



## Vimta Labs Limited

Regd. Office  
 142, CHA Prasad II, Channarayana  
 Industrial Area, Mysore, Karnataka, India  
 T: +91 82 2226 1111  
 E: info@vimtalabs.com

### ISSUED TO:

M/S. DIAMOND CEMENTS,  
 (Pvt) Manufacturing Cement Inds. Limited,  
 A&P.O. Hosangal, Davi, Davanagere,  
 Mandya District-KARNATAKA, India.

Report Number  
 Issued Date  
 Payment Order No  
 P.O. Date

VIL/101/22/01/184/0118  
 2022-01-04  
 4470881642  
 2021-10-04

### SAMPLE PARTICULARS

Sewage Treatment Plant (STP)

Place of Work/Plant/Water Treatment Plant: Hosangal, Davi, Davanagere, Mandya District, Karnataka, India.  
 Sample Collection Date: 14/01/2022  
 Schedule Requisition Date: 30/01/2022  
 Analysis Starting Date: 21/01/2022  
 Analysis Completion Date: 04/02/2022  
 Sample Collected by: Vimta Labs - jms-184

## TEST REPORT

Sl. No.	Parameter	Activity		TCE Mandate
		ISIRI Limit	ISIRI Value	
1	pH	7.85	7.4	5.5 - 9.0
2	Total Suspended Solids (TSS)	565.3	7.8	1000
3	Total Suspended Solids (TSS)	255.3	242.2	-
4	Chemical Oxygen Demand (COD) at 20 °C	148.4	71	1000
5	Chemical Oxygen Demand (COD)	245.7	23.4	2500
6	Dissolved Oxygen (DO)	1.28	5.1	5.0
7	Sodium Azide (N <sub>3</sub> Na) (M/L)	1.8	3.25	-
8	Total Coliform (TC) MPN/100ml	-	28	1000

Note: All parameters are in mg/l except pH and DO.  
 D.O. & Coliform DO, c.i.l. (1000)

Dr. Subbalekshmi Mahalingam  
 Group Leader-Environment

Vimta Labs Limited, 142, CHA Prasad II, Channarayana Industrial Area, Mysore, Karnataka, India  
 T: +91 82 2226 1111, E: info@vimtalabs.com, URL: www.vimtalabs.com  
 CIN: L24119KA1999PLC019377

# Annexure – 9: Piezometer report



Vimta Labs Limited  
 Regional Office  
 102, 103 Plot No. 7, Community  
 Hyderabad (500045), Telangana, India  
 T: +91 42 278 4141  
 F: +91 42 278 4141

PROJECT NO. **18000103**  
 M/s. SHAMSHULHAQUEE  
 (Pimp. Haveli) G. Sankar Reddy Street,  
 A.B. P.O. Madhapur, Dist. Ranga Reddy,  
 Madhya Pradesh-476004, India.  
 Project location  
 Survey Date  
 Project name  
 P. O. Code  
 VIC/VIS/ST/18000103  
 2022-09-23  
 4825554481  
 5031-60-24  
**77902.873.1**

SAMPLE MATERIAL **WASTE QUANTITY OF FERTILISER WITH**  
 Place of Work/Project Name **Shamshulhaquee - Haveli (Pimp. Haveli) District, M.P.**

Sample Collection Date	11/02/2022	Sample Registration Date	14/02/2022
Analysis Reporting Date	18/02/2022	Analysis Completion Date	21/02/2022
Samples Collected by Vimta Labs (1) - (1)			
<b>WATER</b>			
1	Electrical Conductivity	µS/cm	720
2	pH	-	7.2
3	Calcium Chloride (CaCl <sub>2</sub> )	mg/L	514
4	Magnesium Chloride (MgCl <sub>2</sub> )	mg/L	48.2
5	Sulphate as SO <sub>4</sub>	mg/L	49.72
6	Nitrate as NO <sub>3</sub>	mg/L	20.2
7	Nitrite as N	mg/L	0.53
8	Total Dissolved Solids (TDS)	mg/L	107.28
9	Calcium as Ca	mg/L	142.44
10	Magnesium as Mg	mg/L	41.28
11	Sodium as Na	mg/L	19.21
12	Chloride as Cl	mg/L	10.33
13	Sulphate as SO <sub>4</sub>	mg/L	7.5
14	Phosphate as PO <sub>4</sub>	mg/L	0.41

- Note:**
1. All parameters are in mg/L unless specified otherwise.
  2. Electrical Conductivity in µS/cm.
  3. All values are in mg/L.

*[Signature]*  
 Dr. Subhrajit Majumdar  
 Group Leader - Environmental

100 Shamshulhaquee Street, Pimp. Haveli, District, Madhya Pradesh, India. (500045), Telangana, India  
 T: +91 42 278 4141 | F: +91 42 278 4141 | www.vimtalabs.com  
 CRM: 13241971318805, 13241971

## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>iii. Water quality monitoring and preservation</b>	
iii	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six - monthly monitoring report.	Continuous effluent monitoring is not applicable for cement plant without TPP. We are being submit the ground water quality report to CGWA along with Annual compliance report.
iv	Adhere to Zero Liquid Discharge.	Zero Liquid Discharge has been strictly followed.
v	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards .	Sewage Treatment Plant of capacity 90 KLD has been installed. Photo enclosed as <b>Annexure-10</b> .
vi	Garland drains and collection pits shall be provided for each stock pile to arrest the run - off in the event of heavy rains and to check the water pollution due to surface run off.	Rain water Harvesting System have been installed for proper management of Rain water, detail given as <b>Annexure-11</b> .
vii	The project proponent shall practice rainwater harvesting to maximum possible extent.	Being complied.
viii	The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water. Practicing cascade use and by recycling treated water.	Not applicable

## Sewage Treatment Plant (90 KLD)



## Annexure – 11: Rainwater Harvesting Structures



**RWH Filter at Sr Block Colony at Narsingarh**



**RWH Filter at 11<sup>th</sup> Block Quarter – Colony in Imlai**



## Annexure – 11: Rain Water Harvesting System



Surface Runoff- Imlai



Rain Water Collection in the Talab

## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>IV Noise monitoring and prevention</b>	
i	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six monthly compliance report.	Ambient Noise monitoring is being done by NABL accredit lab on monthly basis and its data is being submitted to PCB on monthly & six monthly basis. Detail enclosed as <b>Annexure-12</b> .
ii	The ambient noise levels should conform to the standards prescribed under E(P)A Rules , 1986 viz . 75dB (A) during day time and 70dB (A) during night time .	Being complied with
	<b>V . Energy Conservation measures</b>	
i	Provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	We are exploring the possibility of Solar Power generation within the plant.
ii	Provide the project proponent for LED lights in their offices and residential areas.	Being complied with
iii	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.	We are being utilised maximum Fly ash in Cement manufacturing as per BIS standards.

## ANNEXURE – 12: NOISE LEVEL (dB)

October 2021 to March 2022

Location→	Nr. Administrative Building		Nr. Worker Colony		Nr. Railway Siding		Nr. Water Storage Tank (Behind D.G. Set)	
	Day	Night	Day	Night	Day	Night	Day	Night
Oct-21	51.3	43.4	48.8	41.7	66.1	61.5	65.7	60.7
Nov-21	50.6	42.2	49.5	42.6	65.4	60.9	63.9	61.3
Dec-21	51.7	43.5	48.8	42.9	63.7	60.2	65.9	61.6
Jan-22	51.6	48.8	45.5	43.1	64.5	61.3	66.5	63.8
Feb-22	50.6	42.2	49.5	42.6	65.4	60.9	63.9	61.3
Mar-22	53.4	45.4	47.1	41.5	63.8	58.7	64.2	62.4

## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>vi . Waste management</b>	
i	The waste oil , grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste ( Management & Transboundary Movement ) Rules, 2016 .	Hazardous waste of category-5.1 & 5.2 are generating in the plant during machine maintainance, which is being sold to the PCB authorised vender for proper disposal.
ii	Solid waste whatsoever generated shall be disposed off in suitable manner	Being complied with
	<b>VII . Green Belt</b>	
i	The project area has a green belt (1,09,063 nos. of plants) area of 332100 m <sup>2</sup> . Green belt shall be maintained in an area equal to 33 % of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	More than 38 % of plant area is being covered with the greenbelt. Dense greenery is all around of the plant periphery with the majority Local trees have planted within the premises.
ii	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	<ul style="list-style-type: none"> <li>• We are doing lots of activities from group level to reduce GHG emissions like :               <ul style="list-style-type: none"> <li>Maximum Transportation of Raw materials and products by Railway</li> <li>Maximum utilisation of fly ash approx. 34.8% (BIS max Limit is 35%)</li> <li>Replacing of Ordinary Lights with LED Lights</li> <li>Purchasing of energy efficient Equipments only</li> <li>Optimization of Power consumption by Equipments</li> </ul> </li> </ul>

## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>viii. Human health issues</b>	
i	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Onsite Emergency Plan based on the Hazard identification and Risk Assessment (HIRA) is available. We are following Government's Plan in case of Offsite Emergency and Disaster Management Plan have been implemented.
ii	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act	Being complied with
iii	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, Mobile STP Safe drinking water, Medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Plant have their own permanent residential colony for workmen.
iv	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act,	Annual Medical health check-up is being carried out for the employees and its record is being maintained properly. Sample copy of the report is enclosed as <b>Annexure-13</b> .

# ANNEXURE – 13: SAMPLE COPY OF ANNUAL HEALTH CHECKUP

**Deotale Diagnostic Centre** (wg.com)

Consultation / Diagnostic / Health Check-Up / Investigations  
 C-101, Vasthali, 4th Fl., Sector-14, Gurgaon, Haryana  
 E-mail: info@deotale.com | Phone: 01299-222222  
 The 100% patient centric health care provider.

**MEDICAL CHECK UP**

MR. NO.	1001
Age	35
Sex	M
Height	175
Weight	75
BP	120/80
Temp	37.5
HR	75
RR	18
SpO2	98%
ECG	Normal
Urine	Normal
Blood Sugar	100
Cholesterol	150
HbA1c	5.6
Urea	25
Creatinine	1.2
ALT	45
AST	35
Gamma-GT	25
Alkaline Phosphatase	100
Calcium	9.5
Iron	150
Vitamin D	30
Vitamin B12	400
Folate	12
Copper	1.5
Zinc	100
Selenium	150
Magnesium	150
Potassium	4.0
Sodium	140
Chloride	100
Bicarbonate	25
Phosphate	3.5
Glucose	100
Insulin	10
Hemoglobin A1c	5.6
Hemoglobin	15
Red Blood Cells	4.5
White Blood Cells	10000
Platelets	150000
ESR	10
Rheumatoid Factor	0
Antinuclear Antibody	0
C-Reactive Protein	0.5
Procalcitonin	0.1
Interleukin-6	0.5
Interleukin-10	0.5
Tumor Necrosis Factor-α	0.5
Transforming Growth Factor-β	0.5
Epidermal Growth Factor	0.5
Hepatic Growth Factor	0.5
Placental Growth Factor	0.5
Endothelin-1	0.5
Angiotensin II	0.5
Brain Natriuretic Peptide	0.5
Dehydroepiandrosterone	0.5
Testosterone	0.5
Estradiol	0.5
Progesterone	0.5
Cortisol	0.5
Thyroid Stimulating Hormone	0.5
Thyroid Peroxidase Antibody	0.5
Thyroglobulin Antibody	0.5
Free Thyroxine	0.5
Free Triiodothyronine	0.5
Thyrotropin Releasing Hormone	0.5
Growth Hormone	0.5
Human Growth Hormone	0.5
Insulin-Like Growth Factor-1	0.5
Insulin-Like Growth Factor-2	0.5
Insulin-Like Growth Factor-3	0.5
Insulin-Like Growth Factor-4	0.5
Insulin-Like Growth Factor-5	0.5
Insulin-Like Growth Factor-6	0.5
Insulin-Like Growth Factor-7	0.5
Insulin-Like Growth Factor-8	0.5
Insulin-Like Growth Factor-9	0.5
Insulin-Like Growth Factor-10	0.5
Insulin-Like Growth Factor-11	0.5
Insulin-Like Growth Factor-12	0.5
Insulin-Like Growth Factor-13	0.5
Insulin-Like Growth Factor-14	0.5
Insulin-Like Growth Factor-15	0.5
Insulin-Like Growth Factor-16	0.5
Insulin-Like Growth Factor-17	0.5
Insulin-Like Growth Factor-18	0.5
Insulin-Like Growth Factor-19	0.5
Insulin-Like Growth Factor-20	0.5
Insulin-Like Growth Factor-21	0.5
Insulin-Like Growth Factor-22	0.5
Insulin-Like Growth Factor-23	0.5
Insulin-Like Growth Factor-24	0.5
Insulin-Like Growth Factor-25	0.5
Insulin-Like Growth Factor-26	0.5
Insulin-Like Growth Factor-27	0.5
Insulin-Like Growth Factor-28	0.5
Insulin-Like Growth Factor-29	0.5
Insulin-Like Growth Factor-30	0.5
Insulin-Like Growth Factor-31	0.5
Insulin-Like Growth Factor-32	0.5
Insulin-Like Growth Factor-33	0.5
Insulin-Like Growth Factor-34	0.5
Insulin-Like Growth Factor-35	0.5
Insulin-Like Growth Factor-36	0.5
Insulin-Like Growth Factor-37	0.5
Insulin-Like Growth Factor-38	0.5
Insulin-Like Growth Factor-39	0.5
Insulin-Like Growth Factor-40	0.5
Insulin-Like Growth Factor-41	0.5
Insulin-Like Growth Factor-42	0.5
Insulin-Like Growth Factor-43	0.5
Insulin-Like Growth Factor-44	0.5
Insulin-Like Growth Factor-45	0.5
Insulin-Like Growth Factor-46	0.5
Insulin-Like Growth Factor-47	0.5
Insulin-Like Growth Factor-48	0.5
Insulin-Like Growth Factor-49	0.5
Insulin-Like Growth Factor-50	0.5
Insulin-Like Growth Factor-51	0.5
Insulin-Like Growth Factor-52	0.5
Insulin-Like Growth Factor-53	0.5
Insulin-Like Growth Factor-54	0.5
Insulin-Like Growth Factor-55	0.5
Insulin-Like Growth Factor-56	0.5
Insulin-Like Growth Factor-57	0.5
Insulin-Like Growth Factor-58	0.5
Insulin-Like Growth Factor-59	0.5
Insulin-Like Growth Factor-60	0.5
Insulin-Like Growth Factor-61	0.5
Insulin-Like Growth Factor-62	0.5
Insulin-Like Growth Factor-63	0.5
Insulin-Like Growth Factor-64	0.5
Insulin-Like Growth Factor-65	0.5
Insulin-Like Growth Factor-66	0.5
Insulin-Like Growth Factor-67	0.5
Insulin-Like Growth Factor-68	0.5
Insulin-Like Growth Factor-69	0.5
Insulin-Like Growth Factor-70	0.5
Insulin-Like Growth Factor-71	0.5
Insulin-Like Growth Factor-72	0.5
Insulin-Like Growth Factor-73	0.5
Insulin-Like Growth Factor-74	0.5
Insulin-Like Growth Factor-75	0.5
Insulin-Like Growth Factor-76	0.5
Insulin-Like Growth Factor-77	0.5
Insulin-Like Growth Factor-78	0.5
Insulin-Like Growth Factor-79	0.5
Insulin-Like Growth Factor-80	0.5
Insulin-Like Growth Factor-81	0.5
Insulin-Like Growth Factor-82	0.5
Insulin-Like Growth Factor-83	0.5
Insulin-Like Growth Factor-84	0.5
Insulin-Like Growth Factor-85	0.5
Insulin-Like Growth Factor-86	0.5
Insulin-Like Growth Factor-87	0.5
Insulin-Like Growth Factor-88	0.5
Insulin-Like Growth Factor-89	0.5
Insulin-Like Growth Factor-90	0.5
Insulin-Like Growth Factor-91	0.5
Insulin-Like Growth Factor-92	0.5
Insulin-Like Growth Factor-93	0.5
Insulin-Like Growth Factor-94	0.5
Insulin-Like Growth Factor-95	0.5
Insulin-Like Growth Factor-96	0.5
Insulin-Like Growth Factor-97	0.5
Insulin-Like Growth Factor-98	0.5
Insulin-Like Growth Factor-99	0.5
Insulin-Like Growth Factor-100	0.5

**Deotale Diagnostic Centre**  
 Dr. D. P. Dhoty  
 M.B.B.S., D.F.I.P.  
 Reg. No. 48247

59 Name of presentation | Author | dd.mm.yyyy

## Compliance Status of Environment Clearance

S.N	Conditions	Compliance Status
	<b>IX . Corporate Environment Responsibility</b>	
1	The project proponent shall comply with the provisions contained in this Ministry's OM vide E . No.22-65/2017-1A III dated 1st May 2018 , as applicable , regarding Corporate Environment Responsibility .	We shall comply .
2	The company shall have a well laid down environmental policy duly approve by the Board of Directors . The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements / deviation / violation of the environmental / forest / wildlife norms / conditions . The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms I conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six monthly report.	We have a common Policy for Environment, Safety & Quality called as Integrated Management Policy, copy enclosed as <b>Annexure-14</b> .
3	A separate Environmental Cell both at the project and company head quarter level , with qualified personnel shall be set up under the control of senior Executive , who will directly to the head of the organization .	A separate Environmental Department with well qualified Officials is working for HCIL, Damoh unit under the supervision of Senior Executive like Plant Head.

## ANNEXURE – 14: IMS POLICY

**mycem**



**HEIDELBERGCEMENT**

### Integrated Management System Policy

We, at Heidelberg Cement India Limited are fully committed towards customer satisfaction, environmental protection, providing healthy & safe work environment, energy conservation, and socially accountability to all concerned and our endeavour is to:

- Produce cement much better than the applicable standards to satisfy the customer needs.
- Conform to all requirements of SA 8000 Standard and to respect the International instruments on social accountability
- Comply with all applicable legal, social and other requirements.
- Involve and train human resources to upgrade their skills in all areas including safety.
- Regularly set and review objectives and targets for continual improvement in the quality, productivity, work environment, health & safety performance, energy, and Social accountability.
- Ensuring availability of Information and necessary resources to achieve Objectives and Targets
- Prevention of pollution.
- Prevention in occupational injuries and ill health, Eliminating hazards and reducing OH&S risks
- Supporting the purchase of energy efficient & eco-friendly technologies, products, services and design for energy performance improvement.
- Consultation and participation of workers, and, where they exist, workers' representatives.

This policy has been communicated to all the employees and is available to the public and interested parties on demand.

**Date: 01.07.2018**

**-sd-  
Managing Director**



## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
<b>IX . Corporate Environment Responsibility</b>		
4.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report.	A separate budget for Environment management is allotted by the organisation detail of last year's Environmental expense is enclosed as <b>Annexure-15</b> .
5.	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out. MOM of 5th meeting of the Re constituted EAC (Industry - 1) held during 27 - 29th March , 2019 Page 68 of 132	Self environmental audit report is attached as <b>Annexure-16</b> .
6	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.	Being complied with. The detail of CREP is enclosed as <b>Annexure-7</b> .

## ANNEXURE – 15 - Expenditure on Environment Management incurred during (October 21 to March 2022)

S. N.	DETAILS	COST RS. LAKHS (APPROX)
1	Stack and Ambient Air Quality Monitoring (Including Clinkerisation Unit Narsingarh, Lime Stone Mines Narsingarh & Lime Stone Mines Patharia)	16.87
2	Operation and maintenance of Sewage treatment plant	5.61
3	Continuous Ambient Air Quality Monitoring Station (CAAQMS) & Continuous Emission Monitoring System (CEMS)	3.83
4	Green belt Development and maintenance	8.31
5	House Keeping Expenses	17.97
6	Awareness Program including Observing Environment Day/Ozone Day (Common for Clinkerisation unit, Grinding unit & mines)	0.24
7	Maintenance of Air Pollution Control Devices	9.80
8	Road Sweeping (manual) and through Auto sweeper	9.12
9	Maintenance of Rain water harvesting & construction of new RWHS	0.9
10	Municipal Waste Management System	1.51
11	Cost of Electricity consumed by Pollution control devices (Approx.)	36,63781

## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>X . Miscellaneous</b>	
i	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government .	Agreed
ii	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee .	Agreed
iii	The above conditions shall be enforced , inter - alia under the provisions of the Water ( Prevention & Control of Pollution ) Act , 1974 , the Air ( Prevention & Control of Pollution ) Act , 1981 , the Environment ( Protection ) Act , 1986 , Hazardous and Other Wastes ( Management and Transboundary Movement ) Rules , 2016 and the Public Liability Insurance Act , 1991 along with their amendments and Rules and any other orders passed by the Hon ' ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter .	Agreed

## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>Standard Conditions :</b>	
1	The project shall comply with the new MoEF & CC standards notified vide GSR 612 ( E ) dtd . 25.08.2014 with respect to cement sector	Being complied with
2	No further expansion or modifications in the plant should be carried out without prior approval of the Madhya Pradesh State Environmental Impact Assessment Authority	Agreed
3	Cement grinding shall be carried out in closed cement mill. Further, provision of dust extraction and pollution control system consisting of highly efficient Bag Filters and ID Fan should be provided for Cement Mill, Clinker Silo , Fly Ash Storage Silo, Cement Silo, Wagon and Gypsum Crushing Plant with adequate stack height. Stack emissions shall be monitored at regular intervals and records maintained.	Cement Grinding is being carried out in a Closed Cement Mill. We have already established all desired Air Pollution Control Devices. Online & Manual both kind of Environmental Parameters is being monitored on regular basis and its record is being maintained.
4	Transportation of fly ash to the plant should be brought through closed / covered tankers and stored in silo without any air pollution at transfer point	Fly ash is being transported through closed / covered tankers and being stored in Fly ash silos.
5	All the pollution control devices / equipment in the grinding unit shall be interlocked so that in the event of the pollution control devices / system not working , the respective unit ( s ) shut down automatically ,	Inter locking system is available with major Pollution Control Devices.

## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>Standard Conditions :</b>	
6	Regular monitoring of influent and effluent , surface , sub - surface and ground water should be ensured and treated waste water should meet the norms prescribed by the MPPCB or described under the Environment ( Protection ) Act , 1986 whichever are more stringent.	Agreed
7	Project Proponent has to strictly follow the direction / guidelines issued by MoEF, CPCB and other Govt. Agencies from time to time.	Agreed
8	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose . Year wise expenditure shall be reported to the MoEF & CC, Gol, and its Regional Office , Bhopal .	A separate budget for Environment management is allotted by the organisation detail of last year's Environmental expense is enclosed as <b>Annexure-15</b> .
9	A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies (Panchayat and Municipal Bodies ) , District Collector and DFO as applicable and responsible for controlling the proposed projects who in turn has to display the same for 30days from the date of receipt .	Copy of the Environment Clearance letter have been submitted to the Local Bodies (Panchayat and Municipal Bodies ) , District Collector and DFO, proof enclosed as <b>Annexure-17</b> .

# ANNEXURE – 17 – INFORMATION TO LOCAL BODY AND AUTHORITIES

HEIDELBERGCEMENT

Diamond Cement  
 Head Office  
 Plot No. 14/1, Sector 14  
 Gurgaon, Haryana 122002

Date: 14/11/19

To,  
 Sarpanch,  
 Gram Panchayat,  
 Daulai, Dist. Dhamki.

Sub: Information regarding grant of Environment Clearance (EC) to M/s Diamond Cement Grinding Unit (Pvt.) HeidelbergCement India Limited, Villain & PO, Dist. Dhamki (H.P.).

Dear Sir,

As stipulated under Condition no. 5 of the Standard Conditions of the Environment Clearance (EC) granted vide Letter no. 2194/CE/EA/19, dated 18.02.2019, we are required to circulate a copy of the said Environment Clearance (EC) to your joint office for copy reference and records.

Therefore, enclosed herewith please find copy of the Environment Clearance (EC).

Thanking you,

Yours faithfully,  
 For Diamond Cement  
 (Pvt.) HeidelbergCement India Ltd.

  
 Gaurav Kumar Verma  
 Plant Head  
 Daulai, H.P.

  
  
 14/11/19  
 14/11/19  
 14/11/19  
 14/11/19

Registered Office: 20/Phase 1, Sector 14, Gurgaon, Haryana 122002



HEIDELBERGCEMENT

Diamond Cement  
 Head Office  
 Plot No. 14/1, Sector 14  
 Gurgaon, Haryana 122002

Date: 14/11/19

To,  
 The Collector,  
 Dhamki, H.P.

Sub: Information regarding grant of Environment Clearance (EC) to M/s Diamond Cement Grinding Unit (Pvt.) HeidelbergCement India Limited, Villain & PO, Dist. Dhamki (H.P.).

Dear Sir,

As stipulated under Condition no. 5 of the Standard Conditions of the Environment Clearance (EC) granted vide Letter no. 2194/CE/EA/19, dated 18.02.2019, we are required to circulate a copy of the said Environment Clearance (EC) to your joint office for copy reference and records.

Therefore, enclosed herewith please find copy of the Environment Clearance (EC).

Thanking you,

Yours faithfully,  
 For Diamond Cement  
 (Pvt.) HeidelbergCement India Ltd.

  
 Gaurav Kumar Verma  
 Plant Head  
 Daulai, H.P.

Registered Office: 20/Phase 1, Sector 14, Gurgaon, Haryana 122002



## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>Standard Conditions :</b>	
10	The Project Proponent shall advertise at least in two local newspapers widely circulated , one of which shall be in the vernacular language of the locality concerned , within 7 days of the issue of the clearance project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of the MoEF & CC , GOI and State Level Environment Impact Assessment Authority ( SEIAA ) at <a href="http://www.environmentclearance.nic.in">http://www.environmentclearance.nic.in</a> & <a href="http://www.mipseiaa.nic.in">http://www.mipseiaa.nic.in</a> & and a copy of the same shall be forwarded to the Regional Office , MoEF & CC, Gol , Bhopal .	We have published the advertisement of receiving EC from SEIAA in two news papers as desired, proof enclosed as <b>Annexure-18</b> .
11	Full Cooperation should be extended to the Officers and staff from the Ministry and its Regional Office at Bhopal / the CPCBT the SPCB during monitoring of the project.	Agreed
12	Concealing factual data or submission of false / fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed
13	The Environmental Clearance shall be valid for a period of five years from the date of issue EC as per EIA Notification , 2006 Para 9 .	Agreed

# ANNEXURE – 18 – ADVERTISEMENT IN NEWSPAPER

## एनवायरनमेंट क्लीयरेंस सूचना

मेसर्स आरएमएस सीमेंट्स-घाड़ङिग युनिट (प्रो. इन्डस्ट्रियलर्स सीमेंट इंडिया लिमिटेड) इलाहाबाद, उत्तर प्रदेश को सीमेंट उत्पादन क्षमता के विस्तार हेतु भारत सरकार, मिनिस्ट्री ऑफ एनवायरनमेंट फॉरेस्ट एंड क्लाइमेट चेंज से एनवायरनमेंट क्लीयरेंस, संश्लेषण नं. एन.सी. 2194/S&E/IAA/9 दिनांक 18.09.2019 को प्राप्त किया गया है। इस विस्तार से कंपनी की सीमेंट उत्पादन की क्षमता 2.0 मिलियन टन प्रतिवर्ष से बढ़कर 2.5 मिलियन टन प्रति वर्ष हो जाएगी। एनवायरनमेंट क्लीयरेंस पर की प्रतियां स्टेट पॉल्यूशन कंट्रोल बोर्ड / मिनिस्ट्री ऑफ एनवायरनमेंट फॉरेस्ट एंड क्लाइमेट चेंज/स्टेट लेवल एनवायरनमेंट इम्पैक्ट असेसमेंट ऑथोरिटी के पास उपलब्ध है एवं यह सूचना संश्लेषण की वेबसाइट [www.environmentclearance.nic.in](http://www.environmentclearance.nic.in) और [www.mpscia.nic.in](http://www.mpscia.nic.in) पर भी उपलब्ध है।

संयोजक प्रमुख  
आरएमएस सीमेंट घाड़ङिग युनिट  
(प्रो. इन्डस्ट्रियलर्स सीमेंट इंडिया लिमिटेड), इलाहाबाद, उत्तर प्रदेश

Times of India-24.09.2019

## एनवायरनमेंट क्लीयरेंस सूचना

मेसर्स आरएमएस सीमेंट्स-घाड़ङिग युनिट (प्रो. इन्डस्ट्रियलर्स सीमेंट इंडिया लिमिटेड) इलाहाबाद, उत्तर प्रदेश को सीमेंट उत्पादन क्षमता के विस्तार हेतु भारत सरकार, मिनिस्ट्री ऑफ एनवायरनमेंट फॉरेस्ट एंड क्लाइमेट चेंज से एनवायरनमेंट क्लीयरेंस, संश्लेषण नं. एन.सी. 2194/S&E/IAA/9 दिनांक 18.09.2019 को प्राप्त किया गया है। इस विस्तार से कंपनी की सीमेंट उत्पादन की क्षमता 2.0 मिलियन टन प्रतिवर्ष से बढ़कर 2.5 मिलियन टन प्रति वर्ष हो जाएगी। एनवायरनमेंट क्लीयरेंस पर की प्रतियां स्टेट पॉल्यूशन कंट्रोल बोर्ड / मिनिस्ट्री ऑफ एनवायरनमेंट फॉरेस्ट एंड क्लाइमेट चेंज/स्टेट लेवल एनवायरनमेंट इम्पैक्ट असेसमेंट ऑथोरिटी के पास उपलब्ध है एवं यह सूचना संश्लेषण की वेबसाइट [www.environmentclearance.nic.in](http://www.environmentclearance.nic.in) और [www.mpscia.nic.in](http://www.mpscia.nic.in) पर भी उपलब्ध है।

संयोजक प्रमुख  
आरएमएस सीमेंट घाड़ङिग युनिट  
(प्रो. इन्डस्ट्रियलर्स सीमेंट इंडिया लिमिटेड), इलाहाबाद, उत्तर प्रदेश

Nai Dunia-24.09.2019

Nai Dunia-24.09.2019



## Compliance Status of Environment Clearance

S.N.	Conditions	Compliance Status
	<b>Standard Conditions :</b>	
14	Any appeal against this prior environmental clearance shall lie with the Green Tribunal , if necessary , within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act , 2010 .	Agreed
15	The Project Proponent has to upload soft copy of half yearly compliance report of the stipulated prior environmental clearance terms and conditions on 1st June and 1st December of each calendar year on MoEF & CC web portal - <a href="http://www.environmentclearance.nic.in">http://www.environmentclearance.nic.in</a> / or <a href="http://www.efclearance.nic.in">http://www.efclearance.nic.in</a> / and submit hard copy of compliance report of the stipulated prior environmental clearance terms and conditions to the Regulatory Authority also	Being complied with.
16	The environmental statement for each financial year ending 31st March in Form - V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules , 1986 , as amended subsequently , shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF & CC, GoI .	Being shall complied with.
17	The project authorities shall inform the Regional Office as well as the Ministry , the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project	Being shall complied with.