



By Email

Gop/MoEF/HYC/A/302/1887

Date-29-Nov-19

The Director (S),
Ministry of Environment & Forests and Climate Change,
Regional Office, Western Region,
Government of India,
Kendriya Paryavaran Bhavan,
Link Road No.3. E-5 Ravi Shankar Nagar,
Bhopal 462 016 (MP)

Subject: Submission of 6 Monthly Compliance Report of the conditions as laid down in the Environmental Clearance letter No J-11015/47/2005-IA.II (M), dated 07/10/2005, in respect of **Gop (Composite) Limestone Mines**, pertaining to Shree Digvijay Cement Co Ltd for the Period of **April-19 to September 19**.

Respected Sir/Madam,

As required, we are submitting herewith following information/documents pertaining subject matter for your kind perusal and records.

- This is a captive limestone mine for which Consent has been renewed vide Order No.**AWH-69729 which is valid up to 20.02.2020** vide letter No. GPCB/CCA-JMN-46(3)/GPCB-ID-30566/313379 of dated 07.05.2015.
- Production from Gop (Composite) Limestone Mines in this period is **0.0 Tonnes**.

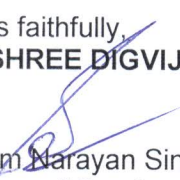
Point-wise compliance status to various stipulations, as laid-down in Environmental Clearance letter No.J-11015/47/2005-IA.II(M) dated 07.10.2005 with supporting documents, is enclosed with the following Annexure:-

- | | | |
|---|---|------------|
| a. Environment Statement in Form V | : | Annexure A |
| b. Ambient Air Quality Reports | : | Annexure B |
| c. Noise Level | : | Annexure C |
| d. Environment Half-Yearly Expenses Statement | : | Annexure D |

We hope that you will find the above submission in order

Thanking you,

Yours faithfully,
For **SHREE DIGVIJAY CEMENT CO. LTD.**


Shyam Narayan Singh
Manager (Mines)

Copy To:

The Environmental Engineer, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector 10A, Gandhinagar -382010

**SHREE DIGVIJAY
CEMENT CO. LTD.**

Registered Office & Works
Post- Digvijaygram 361140, Jamnagar,
Gujarat, India.
CIN 126940GJ1944PLC000749

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info@digvijaycement.com
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FORM V**Environment Audit Report for period 2018-19****PART – A**

1. Name & Address of the Owner/
Occupier of the Industry
Operation or process : **Shree Digvijay Cement Co. Ltd.
GOP (Composite) Limestone Mine
Survey No. Gop – 286/p & Zinawari – 91,
Village-Gop / Zinawari,
Taluka- Jamjodhpur, Distt. - Jamnagar
(Gujarat)**
2. Industry Category :
Primary: (STC Code) : **Mining Industry**
Secondary: (SIC Code)
3. Production Capacity : **0.25 Million TPA**
4. Year of Establishment : **01.06.1978 & 17.06.1986**
5. Date of the last Environmental
Statement submitted : **26.05.2018**

PART – B**Water & Raw Material Consumption**(i) * Water consumption M³ / day

Process	:	0
Cooling	:	0
Domestic (Drinking)	:	20 KL
Dust Suppression	:	0 KL
Plantation	:	0.62 KL

(*)P. S. Yearly consumption spread equally over 365 days of a year

	Name of products	Process water consumption per unit of product	
		During the previous year	During current year
	LIMESTONE	Not Applicable	Not Applicable

(ii) Raw material consumption

S. No.	Name of raw materials		Name of Products	Consumption of raw material per unit of output	
				During the previous year	During current year
1.	Explosives		Limestone	0	0
2	Ammonium nitrate			0	0
3	Detonating Fuse			0	0
4	Safety Fuse			0	0
5	Detonator			0	0
6	Cord Relays			0	0
	Raydet	8 mtrs		0	0
		4 mtrs		0	0
		7 mtrs		0	0
7	HSD - L/ Ton			0.00	0.14
8	Lubricant oil - L/ Ton			0.00	0.00
9	Grease – Kg/Ton			0.00	0.00

PART – C

Pollution discharged to Environment/unit of output

(Parameter as specified in the consent issued)

	Pollutants	Qty. of pollutants discharged (Kg/Day)	Concentration of pollutants in discharges (Mg/Nm ³)	Percentage of variation from prescribed standard with reasons
(a)	Water	9 KL goes to ground through septic tank and soak pit,		
(b)	Air	Annexure Enclosed		

Note: The prescribed limit of concentration as per the Consent issued –

Sr. No.	Pollutant	Time Weightage Average	Concentration in Ambient Air
1	Sulphur dioxide(SO ₂) in Microgram/M ³	Annual 24 hours	50 80
2	Nitrogen Dioxide(NO _x) in Microgram/M ³	Annual 24 hours	40 80
3	Particulate Matter (Size less than 10 Microgram/M ³ or PM 10Microgram/M ³)	Annual 24 hours	60 100
4	Particulate Matter (Size less than 2.5 Microgram/M ³ or PM 10Microgram/M ³)	Annual 24 hours	40 60

PART – D

Hazardous Wastes

(As specified under Hazardous Wastes/Management & Handling Rules, 1989)

	Hazardous Wastes	Total Quantity (Kg.)	
		During the previous year	During current year
(a)	From Process (Used Oil from Machines)	0.00	0.00
(b)	From pollution control facilities	-	-

PART – E

(Solid Wastes)

		Total Quantity	
		During the previous year	During current year
(a)	From process	Not applicable, as there is no generation of solid waste from the process.	
(b)	From pollution control Facility		
(c)	i) Quantity recycled or re-utilised within the unit		
	ii) Sold		
	iii) Disposed		

PART – F

Please specify the characterization (in terms of concentration and quantum) of Hazardous as well as solid waste and indicate disposal practice adopted for both these categories of waste.

The used oil when taken out of machine at oil change time, it is collected in an empty barrel. This oil is reused for external lubrication of running moving parts of.

Not applicable; as described above in Part – E.

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

Due to additional higher investment cost of pollution control monitoring and abatement measures there is slight additional burden on cost of production. Thus, the cost of production increases to certain extent. However, as it is absolutely necessary to have a pollution control to conserve ecology & environment, we have planted trees in the mines.

PART – H

Additional measures investment proposal for environmental protection including abatement of pollution, prevention of pollution.

Following control measures were contemplated for reducing dust in mines.

1. Dust suppressed on haul road by water sprinkling.
2. Fumes and smoke emissions from HEMM controlled by regular maintenance and timely overhaul of engines.
3. Tarpaulin covering on the transporting vehicle before leaving the mine site.
4. AAQ monitoring is done on regular basis. Contract awarded to Unistar, Vapi and reports are submitted to GPCB, Gandhinagar, MOEF, New Delhi and Regional Office of MOEF, Bhopal.

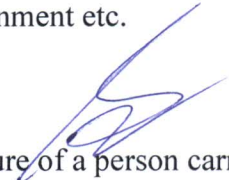
PART – I

Any other particulars for improving the quality of the environment

Following are various measures taken by us: -

1. Plantation has been done in mines.
2. Sense of creating & maintaining clean environment among the employees are being created by celebrating Mines Environment and Mineral Conservation Week every year and Environment Day and other such functions time to time on Environment, keeping slogan boards on environment etc.

Date:24.05.2019


Signature of a person carrying out
an industry, operation or process
Name: Shyam Narayan Singh
Designation: Manager (Mines)
Address: Shree Digvijay Cement Co. Ltd.
P.O. Digvijaygram 361140
(Via) Jamnagar, Gujarat

SHREE DIGVIJAY CEMENT CO. LTD.

GOP (COMPOSITE) LIMESTONE MINE

SIX MONTHLY COMPLIANCE STATUS

April 2019 to Sep 2019

S. NO.	CONDITIONS	COMPLIANCE STATUS																		
A. Specific Conditions																				
(i)	The production capacity of this mine shall not exceed 0.25 MTPA with a capping of production of limestone to a capacity of 2.2 MTPA from all 5 Mines, namely Gop, Pachhtar, Mokhana, Chorbedi and Bhogat Limestone mines put together subject to the individual mines obtaining environmental clearance individually.	Production during Apr-19 to Sep-19 is Nil from Gop (Composite) Limestone Mine. 04 Mines viz. Gop, Chorbedi, Pachhtar and Mokhana Mines have obtained EC individually as detailed below: Gop Mines – J-11015/47/2005-IA.II (M) dated 7th October 2005. Chorbedi Mines – J-11015/47/2005-IA.II (M) dated 7th October 2005. Pachhtar Mines - J-11015/49/2005-IA.II (M) dated 7th October 2005. Mokhana Mines - J-11015/48/2005-IA.II (M) dated 7th October 2005. Production of all 05 Limestone Mines during Apr-19 to Sep-19 and its capacities are as under- <table border="1"> <thead> <tr> <th>Name of Mine</th><th>EC Capacity in Million Tons</th><th>Production in Million Tons</th></tr> </thead> <tbody> <tr> <td>Gop</td><td>0.25</td><td>0.00</td></tr> <tr> <td>Pachhtar</td><td>1.00</td><td>0.269</td></tr> <tr> <td>Chorbedi</td><td>0.90</td><td>0.154</td></tr> <tr> <td>Mokhana</td><td>0.70</td><td>0.00</td></tr> <tr> <td>Bhogat</td><td>EC not granted</td><td>0.00</td></tr> </tbody> </table> Mokhana Mines: Whole lease area of Mokhana Mines was under Forest Land for which Possession taken over by Forest Department on 07.08.2004. The operations were stopped since 05.08.2004. Bhogat Mines: The area covered under CRZ and EC for this mine is rejected vide MoEF letter 09.10.2006. There is no production from Bhogat Mines Since 21.10.2004.	Name of Mine	EC Capacity in Million Tons	Production in Million Tons	Gop	0.25	0.00	Pachhtar	1.00	0.269	Chorbedi	0.90	0.154	Mokhana	0.70	0.00	Bhogat	EC not granted	0.00
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Bhogat	EC not granted	0.00																		
(ii)	The recommendations of the Expert Committee on Historical Religious Monuments constituted under the District Collector shall be complied with to ensure that the mining does not have adverse impacts on the Sun temple and Gop Nath temple. The compliance report shall be submitted regularly to the MOEF Regional Office, Bhopal and to the GSPCB.	As per the recommendation of Expert committee on Historical Religious Monuments No blasting within 1km of Sun Temple and within 500m of Gopnath Temple is performed. At present there is No Blasting in the Mine at all since 2015. The Compliance reports are being submitted Half Yearly to MOEF Regional Office, Bhopal and to the GSPCB.																		
(iii)	A study to be carried out by a specialized agency such as the CMRI shall be commissioned to determine the ground vibrations during blasting operations and the precautionary and safety measures recommended shall be implemented for the safety of the monuments located in the buffer zone.	A study has been carried out by CMRI, Nagpur in the March-2008 to determine the ground vibrations during blasting operations; and the precautionary and safety measures as recommended have been implemented for safety of monuments located in the buffer zone. Now the drilling & Blasting has been eliminated by the use of Ripper –Dozer and Excavator combination, an Eco-Friendly mining machinery.																		

(iv)	Timing of primary blasting shall be stipulated and specified. The notice displaying such timing shall be displayed in local language for the benefit of local population.	Complied as directed. Timing of Primary Blasting stipulated during 12 to 2 pm. Notice displaying the timing is fixed at the Mines Entry. However, there is no Drilling and Blasting since 2015.
(v)	Drainage plan in mining area shall be so designed to make most effective use of water resources.	Check dam and bunds are provided to store rain water in the mined-out area. Water drains through natural channels into these ponds to meet the year- long demand of cattle of the region besides recharging Ground water.
(vi)	No river water should be used for water spraying in the mining area and on the Katchha roads.	No river water is used for water spraying in the mining area. Water from outside is purchased and sprinkled through Tanker.
(vii)	First Aid facilities shall be provided at convenient locations. Emergency and First Aid Training shall be imparted to all the operating staff at all levels and to local affected villages.	A First Aid Facility is provided at pit head in the mine. Company's Doctor & Officers holding First Aid Certificate are imparting training to all operating staff. Free medical and Ambulance facilities are provided to local villagers in the area.
(viii)	Socio-economic plan should be prepared in consultation with local community and the plan should be implemented in a phased manner and published at local level in Gram Sabha.	Socio-economic plan is prepared in consultation with local community and the Plan is being implemented in a phased manner.
(ix)	Catch drains and siltation ponds of appropriate size and check dams should be constructed to arrest silt and sediment flows from the mining operations. The drains should be regularly de-silted and maintained properly. Garland drain (size, gradient & length) shall be constructed for both mine pit and for the waste dump. Sump capacity should be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper setting of silt material. Sedimentation pits should be constructed	Area of excavated pit is so large that so far, no incidence of overflow of rain water and sediment from mined out pits of both leases has been observed. Furthermore, percolation of rainwater into strata creates space to absorb inflow of new rainwater. This percolation of water recharges ground water table of area around both leases. Few earthen bunds have been created in mined out pits to prevent spillage of rain water and siltation from mined out pits. Specification of Catch Drain –20m L X 7m W X 1.5m D Specification of Pond: 220m L X 60m W X 8m D = 105600 cu.m. Volume Specification of Check Dam – 77m L X 12m W X 8m H Rain water catchment areas of Gop Mining Leases are comprised of slope of Gop Hill on North- East side and Lease area itself, so the inflow of water into Lease area is limited. This inflow of water is trapped by excavated pits on South -West arm of both the leases, which prevents outflow of silt and siltation from the Mining lease area. Due to the aforesaid factors, there is limited inflow of water into the Leased area. However, when any additional need arises to build Garland drain / Siltation pond to divert or channelize rain water/ sediments into desired mined out pit, such work will be undertaken by us.
(x)	Drills should be wet operated or with dust extractors.	We are not operating drills.
(xi)	Controlled blasting should be practiced and only between 12 Noon and 2 PM. The mitigative measures for control of ground	Drilling and Blasting is not being performed. It has been stopped now. Blasting when being performed earlier was conducted during 12 to 2pm with control

	vibrations to arrest the fly rocks and boulders should be implemented. No blasting shall be carried out within 500 m distance from Gop Nath Temple and 1 KM distance from the Sun Temple.	measures to arrest fly rocks and control ground vibrations. No Blasting carried out within 500 m distance from Gopnath Temple and 1km Distance from Sun Temple.												
(xii)	Plantation shall be done over the lease area includes a green belt of adequate width around the ML area, along roads by planting suitable native species in consultation with the local DFO/Agricultural Department. The density of trees should be around 1000 plants per hectare.	Plantation is being done within and outside lease area. At present plantation area is 7.92 hectares at the end of March 2019. 3.0 Hectares area covered under plantation in the year 2019-20 (Replanted). We have done year wise plantation in mines area as per mining plan. A table with year wise plantation details is given below: <table border="1"> <thead> <tr> <th>Year Nos. of</th><th>Nos. of trees</th><th>Area (in Ha)</th></tr> </thead> <tbody> <tr> <td>Upto 2018-19</td><td>8970</td><td>7.92</td></tr> <tr> <td>2019-20</td><td>2959</td><td>3.00</td></tr> <tr> <td>Total</td><td>11929</td><td>7.92</td></tr> </tbody> </table> It is proposed to cover the remaining excavated pits within the lease area gradually with plantations.	Year Nos. of	Nos. of trees	Area (in Ha)	Upto 2018-19	8970	7.92	2019-20	2959	3.00	Total	11929	7.92
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Upto 2018-19	8970	7.92												
2019-20	2959	3.00												
Total	11929	7.92												
(xiii)	Ground water shall not be encountered during mining operations. Prior approval of the MOEF and CGWA shall be taken for mining below ground water.	The Ground Water table is in the range of 17-20m belowground level (bgl) (Pre-Monsoon) and 6-12m bgl (Post-Monsoon). Depth of deposit lies well above Water Table at 5-6 mtrs (BGL). So, there is no chance of encountering Ground Water during Mining Operations.												
(xiv)	Rain water harvesting measures shall be taken up in consultation with the Regional Office, CGWB to recharge and augment groundwater in the area.	Rainwater harvesting measures being done with channelization of rain water inside the excavated pits in the area. Thus, the entire precipitation water of the lease area being taken inside the pits for ground water recharge in the area. A study from reputed consultant and ex-Director of CGWB is carried out for systematic Rain Water Harvesting in Gop Mines. The report with proposals is submitted to Regional Office, CGWB, Ahmedabad along with application for Ground Water abstraction. As per proposal: 1. Old mine pits are created which serves as recharge ponds. Additionally 2. Circular pits in plantation area are also being made. 3. Artificial Recharge structure at proposed Mines Office is also created. In this regard we have also requested guidance and expertise from Regional Director, C.G.W.B. Ahmedabad.												
(xv)	A final Mine Closure Plan alongwith details of Corpus Fund should be submitted to the Ministry of Environment and Forests 5 years in advance of final mine closure for approval.	The validity of Mining Lease is up to 31.03.2030. Balance life of Mine is envisaged as 11 Years @ present rate of production. So Final Closure is anticipated by 2030; accordingly, Final Mine Closure plan will be submitted by 2025 i.e. before 5 years of anticipated closure.												
(xvi)	Consent to operate shall be obtained from the SPCB before expanding mining operations.	Consent has been obtained vide Order No. AWH-69729 valid up to 20/02/2020 vide letter No. PCI CCA-JMN-46(3)/ID-30566/313379 dated 07.05.2015												

B.	General conditions															
(i)	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.	No change is made in Mining Technology and scope of working.														
(ii)	No change in the calendar plan including excavation, quantum of limestone and waste should be made.	Similarly no change is made in the calendar plans including excavations, quantum of Limestone and waste. <table><tr><td>Year</td><td>Mineral</td><td>Proposed Production as per approved Mining Plan in MT</td><td>Actual Production in MT</td><td>Remarks</td></tr><tr><td>2019-20</td><td>Limestone</td><td>248540</td><td>0.0</td><td></td></tr></table>					Year	Mineral	Proposed Production as per approved Mining Plan in MT	Actual Production in MT	Remarks	2019-20	Limestone	248540	0.0	
Year	Mineral	Proposed Production as per approved Mining Plan in MT	Actual Production in MT	Remarks												
2019-20	Limestone	248540	0.0													
(iii)	Data on ambient air quality (RPM and SPM) should be regularly submitted once a year to the Ministry including its Regional Office (WZ) at Bhopal and the Gujarat State Pollution Control Board /Central Pollution Control Board once in six months.	Data of ambient air quality (RPM & SPM) are regularly submitted half yearly on or before 1 st June and 1 st December to MOEF including Regional Office (WR) Bhopal and GPCB, Gandhinagar. Data of Ambient air Quality Survey conducted during the half year period April 19 to Sep 19 is enclosed as Annexure –B														
(iv)	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, wagon loading, dump trucks (loading & unloading) should be provided and properly maintained.	Fugitive dust emissions from all the sources are controlled by regularly water spraying on haul roads, loading sites etc. being complied.														
(v)	Adequate measures should be taken for control of noise levels in the work environment.	Regularly monitoring the noise level. Data of Noise level for the period of April 19 to Sep 19 is enclosed as Annexure C														
(vi)	Industrial waste water, if any, should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time.	There is neither any crushing, beneficiation or any other processing units neither any workshop attached as Mining Machineries including trucks/ dumpers are hired (<i>there is long distance hauling to Captive Cement plant at 90 kms from Mine</i>). Hence there is no industrial waste water generation from this mine.														
(vii)	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Occupational health surveillance program of the workers is being taken periodically to observe any contractions due to exposure to dust. Initial (IME) and Periodical Medical Examination (PME) of all the work persons is done at statutory intervals. Initial / Periodical Medical Examination is being carried out for following parameters as per Form O under rule 29 B of Mines Rules 1955 for all employees General Development: Height, Weight, Eye, Ears, Respiratory System, Circulatory System, Nervous System, Locomotor System, Hydrocele Any other abnormality. Urine, Skiagram of Chest, Cardiological Assessment, Neurological Assessment, ILO-Chest Radiograph, Spirometry, Audiometry, Pathological Test (Blood Sugar – Fasting & Post Prandial) So far not a single case is detected for dust borne disease.														
(viii)	The funds earmarked For environmental protection measures should be kept in	The funds earmarked for environmental protection measures is kept in separate account and not diverted														

	separate account and should not be diverted for other purpose. Year wise expenditure should be reported to this Ministry's Regional Office located at Bhopal (WZ).	for other purpose. Expenditure for environmental protection measures is given below: Last 6 years Recurring yearly data is as under: <table border="1"> <thead> <tr> <th>S.No.</th><th>Year</th><th>Recurring Yearly Expenditure</th></tr> </thead> <tbody> <tr> <td>1</td><td>2013-14</td><td>375319</td></tr> <tr> <td>2</td><td>2014-15</td><td>123321</td></tr> <tr> <td>3</td><td>2015-16</td><td>131240</td></tr> <tr> <td>4</td><td>2016-17</td><td>199408</td></tr> <tr> <td>5</td><td>2017-18</td><td>321289</td></tr> <tr> <td>6</td><td>2018-19</td><td>224666</td></tr> </tbody> </table> Expenditure for environmental protection measures is attached as Annexure D.	S.No.	Year	Recurring Yearly Expenditure	1	2013-14	375319	2	2014-15	123321	3	2015-16	131240	4	2016-17	199408	5	2017-18	321289	6	2018-19	224666
S.No.	Year	Recurring Yearly Expenditure																					
1	2013-14	375319																					
2	2014-15	123321																					
3	2015-16	131240																					
4	2016-17	199408																					
5	2017-18	321289																					
6	2018-19	224666																					
ix)	The Regional Office (WZ) of this Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the office (s) of the Regional Office by furnishing the requisite data / information/ monitoring reports.	We are submitting six monthly compliance report along with annexures to the MoEF Regional Office Bhopal and GPCB. Full co-operation is being extended to the authorities/officials by providing data/information/monitoring report etc.																					
(x)	A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom and suggestion / representation has been received while processing the proposal.	Copy of Environmental Clearance letter was handed over to all concerned Panchayat vide letter dated 13.12.2005																					
(xi)	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 and provides copies of the same to anyone requesting for the same.	SPCB displayed the copy of EC as per procedure.																					
(xii)	The project authorities should advertise at least in two local newspapers widely circulated around the project, one of which shall be in vernacular language of the locality concerned, within 7 days of the issue of clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at web site of the Ministry of Environment and Forests at http://envfor.nic.in .	We have advertised in two local newspapers dated 10.12.2005 in respect of Environmental Clearance having been accorded to our Limestone Mines, by the MoEF New Delhi. The publication has appeared in the – (1) Times of India – Ahmedabad Edition (2) Phoolchhab – Rajkot edition.																					

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986(12.01.2015 to 11.01.2020)

QCI-NABET Accredited EIA Consultant Organization

GPCB Recognized Environmental Auditor (Schedule-II)

OHSAS18001:2007 Certified Company

ISO 9001:2015 Certified Company

**TEST REPORT
(AMBIENT AIR MONITORING)**

Test Report No.	URA/19/04/A-SDC005	Report Issue Date:	13/04/2019
Sample ID No.	URA/ID/A-19/04/005	Work Order No.	4500039463
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram – 361140, Jamnagar (Gujarat)		
Dates of Sampling	05/04/2019	Date of Testing	08/04/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Gop Mines (Near Security Office)		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1254- 3490-DTG-2008	21/08/2018	20/08/2019
UERL/AIR/FPS/08	Fine Particulate Sampler	173-DTB-2010	01/09/2018	31/08/2019

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	8 Hours Observation Reading		
			1 st	2 nd	3 rd
1.	Flow Rate of PM ₁₀	m ³ /min	1.27	1.22	1.25
2.	Volume of Air Sampled for PM ₁₀	m ³	610	585	600
3.	Volume of Air Sampled for PM _{2.5} (24 Hrs.)	m ³	24.05		
4.	Flow Rate for Gas	L/min	0.2	0.2	0.2
5.	Volume of Air Sample for Gas	L	288	288	288

➤ **Environmental Conditions during testing**: Temp.: 25 ± 5 °C, Relative Humidity: 40 to 50%

➤ **Test Parameter Results**

Sr. No.	Test Parameter	Unit	8 Hours Monitoring Result			Average (24 Hours)	Specific Value	Test Method
			1 st	2 nd	3 rd			
1.	PM ₁₀	µg/m ³	103	80	73	85	100	IS – 5182, Part - 23
2.	SPM	µg/m ³	332	185	153	223	--	IS – 5182, Part - 23
3.	PM _{2.5}	µg/m ³	34	29	21	28	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	20.8	13.4	24.7	19.6	80	IS – 5182, Part – 2
5.	Nitrogen Dioxide	µg/m ³	29.4	21.7	16.4	22.5	80	IS – 5182, Part - 6
6.	Carbon Monoxide	mg/m ³	BDL	BDL	BDL	BDL	2.0	IS – 5182, Part – 10

Note: BDL: Below Detection Limit.

Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification – 2009, mention all parameter are within Specify Norms.

Sampling Done By:


(Chemist)/(Supervisor)

Page No.: 1 of 1

Tested By:


(Chemist) (Sr. Chemist)

Authorized By:


(Manager - Operations)

UERL/AIR/F-05/03

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/04/A-SDC006	Report Issue Date:	13/04/2019
Sample ID No.	URA/ID/A-19/04/006	Work Order No.	4500039463
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram – 361140, Jamnagar (Gujarat)		
Dates of Sampling	06/04/2019	Date of Testing	08/04/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Gop Mines (Near Security Office)		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1254- 3490-DTG-2008	21/08/2018	20/08/2019
UERL/AIR/FPS/08	Fine Particulate Sampler	173-DTB-2010	01/09/2018	31/08/2019

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	8 Hours Observation Reading		
			1 st	2 nd	3 rd
1.	Flow Rate of PM ₁₀	m ³ /min	1.26	1.27	1.23
2.	Volume of Air Sampled for PM ₁₀	m ³	604	610	590
3.	Volume of Air Sampled for PM _{2.5} (24 Hrs.)	m ³	24.05		
4.	Flow Rate for Gas	L/min	0.2	0.2	0.2
5.	Volume of Air Sample for Gas	L	288	288	288

➤ **Environmental Conditions during testing** : Temp.: 25 ± 5 °C, Relative Humidity: 40 to 50%

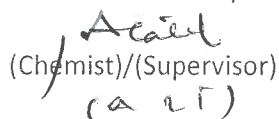
➤ **Test Parameter Results**

Sr. No.	Test Parameter	Unit	8 Hours Monitoring Result			Average (24 Hours)	Specific Value	Test Method
			1 st	2 nd	3 rd			
1.	PM ₁₀	µg/m ³	125	90	62	92	100	IS – 5182, Part - 23
2.	SPM	µg/m ³	276	185	142	201	--	IS – 5182, Part - 23
3.	PM _{2.5}	µg/m ³	37	26	17	27	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	18.5	15.2	25.8	19.8	80	IS – 5182, Part – 2
5.	Nitrogen Dioxide	µg/m ³	25.6	20.4	13.7	19.9	80	IS – 5182, Part - 6
6.	Carbon Monoxide	mg/m ³	BDL	BDL	BDL	BDL	2.0	IS – 5182, Part – 10

Note: BDL: Below Detection Limit.

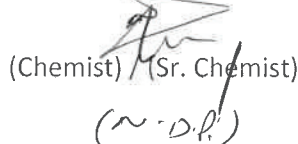
Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification – 2009, mention all parameter are within Specify Norms.

Sampling Done By:

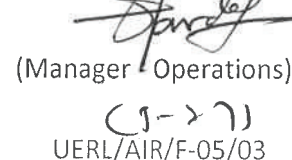

(Chemist)/(Supervisor)
(a r t)

Page No.: 1 of 1

Tested By:


(Chemist) (Sr. Chemist)
(n-o.p.)

Authorized By:


(Manager Operations)
(S-27)
UERL/AIR/F-05/03

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/05/A-SDC005	Report Issue Date:	31/05/2019
Sample ID No.	URA/ID/A-19/05/005	Work Order No.	4500039463
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram – 361140, Jamnagar (Gujarat)		
Dates of Sampling	24/05/2019	Date of Testing	27/05/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Gop Mines (Near Security Office)		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1254- 3490-DTG-2008	21/08/2018	20/08/2019
UERL/AIR/FPS/08	Fine Particulate Sampler	173-DTB-2010	01/09/2018	31/08/2019

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	8 Hours Observation Reading		
			1 st	2 nd	3 rd
1.	Flow Rate of PM ₁₀	m ³ /min	1.25	1.24	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	600	595	595
3.	Volume of Air Sampled for PM _{2.5} (24 Hrs.)	m ³	24.04		
4.	Flow Rate for Gas	L/min	0.2	0.2	0.2
5.	Volume of Air Sample for Gas	L	288	288	288

➤ **Environmental Conditions during testing :** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 50%

➤ **Test Parameter Results**

Sr. No.	Test Parameter	Unit	8 Hours Monitoring Result			Average (24 Hours)	Specific Value	Test Method
			1 st	2 nd	3 rd			
1.	PM ₁₀	µg/m ³	112	76	81	90	100	IS – 5182, Part - 23
2.	SPM	µg/m ³	347	168	165	227	--	IS – 5182, Part - 23
3.	PM _{2.5}	µg/m ³	37	31	24	31	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	24.7	15.2	21.5	20.5	80	IS – 5182, Part – 2
5.	Nitrogen Dioxide	µg/m ³	34.5	21.6	19.3	25.1	80	IS – 5182, Part - 6
6.	Carbon Monoxide	mg/m ³	BDL	BDL	BDL	BDL	2.0	IS – 5182, Part – 10

Note: BDL: Below Detection Limit.

Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification – 2009, mention all parameter are within Specify Norms.

Sampling Done By:

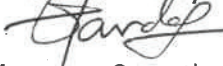

(Chemist)/(Supervisor)
(C.A.T.)

Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)
(M.D.P.)

Authorized By:


(Manager - Operations)
(S.S.S.)
UERL/AIR/F-05/03

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/05/A-SDC006	Report Issue Date:	31/05/2019
Sample ID No.	URA/ID/A-19/05/006	Work Order No.	4500039463
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram – 361140, Jamnagar (Gujarat)		
Dates of Sampling	25/05/2019	Date of Testing	27/05/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Gop Mines (Near Security Office)		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1254- 3490-DTG-2008	21/08/2018	20/08/2019
UERL/AIR/FPS/08	Fine Particulate Sampler	173-DTB-2010	01/09/2018	31/08/2019

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	8 Hours Observation Reading		
			1 st	2 nd	3 rd
1.	Flow Rate of PM ₁₀	m ³ /min	1.29	1.25	1.27
2.	Volume of Air Sampled for PM ₁₀	m ³	619	600	609
3.	Volume of Air Sampled for PM _{2.5} (24 Hrs.)	m ³	24.04		
4.	Flow Rate for Gas	L/min	0.2	0.2	0.2
5.	Volume of Air Sample for Gas	L	288	288	288

➤ **Environmental Conditions during testing** :Temp.: 25 ± 5 °C, Relative Humidity: 40 to 50%

➤ **Test Parameter Results**

Sr. No.	Test Parameter	Unit	8 Hours Monitoring Result			Average (24 Hours)	Specific Value	Test Method
			1 st	2 nd	3 rd			
1.	PM ₁₀	µg/m ³	103	98	70	90	100	IS – 5182, Part - 23
2.	SPM	µg/m ³	294	206	152	217	--	IS – 5182, Part - 23
3.	PM _{2.5}	µg/m ³	35	28	22	28	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	27.1	19.3	24.5	23.6	80	IS – 5182, Part – 2
5.	Nitrogen Dioxide	µg/m ³	32.5	25.2	18.7	25.5	80	IS – 5182, Part - 6
6.	Carbon Monoxide	mg/m ³	BDL	BDL	BDL	BDL	2.0	IS – 5182, Part – 10

Note: BDL: Below Detection Limit.

Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification – 2009, mention all parameter are within Specify Norms.

Sampling Done By:

A. Patel
(Chemist)/(Supervisor)
(C.A.T.)

Page No.: 1 of 1

Tested By:

(Signature)
(Chemist) / (Sr. Chemist)
(C.A.T.)

Authorized By:

(Signature)
(Manager - Operations)
(S.S.)
UERL/AIR/F-05/03

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GPCB Recognized Environmental Auditor (Schedule-II)

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ISO 9001:2015 Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/06/A-SDC005	Report Issue Date:	29/06/2019
Sample ID No.	URA/ID/A-19/06/005	Work Order No.	4500039463
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram – 361140, Jamnagar (Gujarat)		
Dates of Sampling	20/06/2019	Date of Testing	22/06/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Gop Mines (Near Security Office)		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1254- 3490-DTG-2008	21/08/2018	20/08/2019
UERL/AIR/FPS/08	Fine Particulate Sampler	173-DTB-2010	01/09/2018	31/08/2019

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	8 Hours Observation Reading		
			1 st	2 nd	3 rd
1.	Flow Rate of PM ₁₀	m ³ /min	1.27	1.25	1.25
2.	Volume of Air Sampled for PM ₁₀	m ³	610	600	600
3.	Volume of Air Sampled for PM _{2.5} (24 Hrs.)	m ³	24.04		
4.	Flow Rate for Gas	L/min	0.2	0.2	0.2
5.	Volume of Air Sample for Gas	L	288	288	288

➤ **Environmental Conditions during testing:** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 50%

➤ **Test Parameter Results**

Sr. No.	Test Parameter	Unit	8 Hours Monitoring Result			Average (24 Hours)	Specific Value	Test Method
			1 st	2 nd	3 rd			
1.	PM ₁₀	µg/m ³	123	86	71	93	100	IS – 5182, Part - 23
2.	SPM	µg/m ³	368	192	146	235	--	IS – 5182, Part - 23
3.	PM _{2.5}	µg/m ³	39	27	25	30	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	27.2	20.3	18.7	22.0	80	IS – 5182, Part – 2
5.	Nitrogen Dioxide	µg/m ³	32.1	25.8	21.4	26.4	80	IS – 5182, Part - 6
6.	Carbon Monoxide	mg/m ³	BDL	BDL	BDL	BDL	2.0	IS – 5182, Part – 10

Note: BDL: Below Detection Limit.

Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification – 2009, mention all parameter are within Specify Norms.

Sampling Done By:

A. A. T.
(Chemist)/(Supervisor)

Page No.: 1 of 1

Tested By:

(Signature)
(Chemist) (Sr. Chemist)

(Signature)

Authorized By:

(Signature)
(Manager - Operations)

(Signature)
UERL/AIR/F-05/03

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ISO 9001:2015 Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/06/A-SDC006	Report Issue Date:	29/06/2019
Sample ID No.	URA/ID/A-19/06/006	Work Order No.	4500039463
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram – 361140, Jamnagar (Gujarat)		
Dates of Sampling	21/06/2019	Date of Testing	24/06/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Gop Mines (Near Security Office)		

➤ **Details of Master Instrument Used for Monitoring**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1254- 3490-DTG-2008	21/08/2018	20/08/2019
UERL/AIR/FPS/08	Fine Particulate Sampler	173-DTB-2010	01/09/2018	31/08/2019

➤ **General Sampling / Monitoring Observation as per CPCB Guideline**

Sr. No.	Description	Unit of measurement	8 Hours Observation Reading		
			1 st	2 nd	3 rd
1.	Flow Rate of PM ₁₀	m ³ /min	1.24	1.23	1.28
2.	Volume of Air Sampled for PM ₁₀	m ³	595	590	614
3.	Volume of Air Sampled for PM _{2.5} (24 Hrs.)	m ³	24.04		
4.	Flow Rate for Gas	L/min	0.2	0.2	0.2
5.	Volume of Air Sample for Gas	L	288	288	288

➤ **Environmental Conditions during testing:** Temp.: 25 ± 5 °C, Relative Humidity: 40 to 50%

➤ **Test Parameter Results**

Sr. No.	Test Parameter	Unit	8 Hours Monitoring Result			Average (24 Hours)	Specific Value	Test Method
			1 st	2 nd	3 rd			
1.	PM ₁₀	µg/m ³	111	105	76	97	100	IS – 5182, Part - 23
2.	SPM	µg/m ³	346	252	138	245	--	IS – 5182, Part - 23
3.	PM _{2.5}	µg/m ³	38	31	24	31	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	25.7	21.4	27.2	24.7	80	IS – 5182, Part – 2
5.	Nitrogen Dioxide	µg/m ³	35.3	22.6	23.5	27.1	80	IS – 5182, Part - 6
6.	Carbon Monoxide	mg/m ³	BDL	BDL	BDL	BDL	2.0	IS – 5182, Part – 10

Note: BDL: Below Detection Limit.

Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification – 2009, mention all parameter are within Specify Norms.

Sampling Done By:

(Signature)
(Chemist)/(Supervisor)
(A. N. T.)

Page No.: 1 of 1

Tested By:

(Signature)
(Chemist) / (Sr. Chemist)
(M. D. B.)

Authorized By:

(Signature)
(Manager - Operations)

(J. S. J.)
UERL/AIR/F-05/03

AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/04/AN-SDC001	Date Of Report:	13/04/2019
Name & Add. Of Industries	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram – 361140, Jamnagar (Gujarat)		

➤ Details of Instrument Used for Monitoring.

Instrument Id No.	Instrument Name	Model Number	Cali. Date	Next Cali. Date
UERL/AIR/SLM/09C	Sound Level Meter	9983420	01/07/2018	30/06/2019

1) Gop (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
05/04/2019	Gop Village	65.2	35.0
05/04/2019	Jeenawari Village	66.8	35.0
06/04/2019	Gop Village	67.5	35.0
06/04/2019	Jeenawari Village	62.1	35.0

2) Chorbedi (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
06/04/2019	Chorbedi Village	68.3	35.0
07/04/2019	Chorbedi Village	65.2	35.0

3) Pachhtar (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
06/04/2019	Pachhtar Village	65.7	35.0
07/04/2019	Pachhtar Village	63.2	35.0

Note:

Permissible Limit :

Day Time: 75> dB (A) Night Time: 70> dB (A)

Prepared By

A. Patel

Page 1 of 1

Authorized By

Hardy

UERL/AIR/F-18/01

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WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/04/WN-SDC001	Date Of Report:	13/04/2019
Name & Add. Of Industries	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram – 361140, Jamnagar (Gujarat)		

➤ Details of Instrument Used for Monitoring.

Instrument Id No.	Instrument Name	Model Number	Cali. Date	Next Cali. Date
UERL/AIR/SLM/09C	Sound Level Meter	9983420	01/07/2018	30/06/2019

1) Gop (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)		
		Inside Cabin	15 Mtr. away from m/c.	50 Mtr. away from m/c.
“ Temporary Discontinued – No Operation”				

2) Chorbedi (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)		
		Inside Cabin	15 Mtr. away from m/c.	50 Mtr. away from m/c.
05/04/2019	Dozer D9 – N	87.2	81.5	75.1
05/04/2019	Hyundai – 140	89.5	83.2	73.8
05/04/2019	Mini D.G. Set	88.4	81.9	74.4

3) Pachhtar (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)		
		Inside Cabin	15 Mtr. away from m/c.	50 Mtr. away from m/c.
06/04/2019	Dozer D8 – R	89.3	82.3	74.6
	Dozer D 355	88.5	81.7	74.2
06/04/2019	Hyundai – 130	89.1	81.2	74.9

Note:

Permissible Limit :

TWA(Time Weighted Average) 8 Hrs : 90 dB (A)

Prepared By

Seetal

Page 1 of 1

Authorized By

Harsh

UERL/AIR/F-20/01

AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/05/AN-SDC001	Date Of Report:	31/05/2019
Name & Add. Of Industries	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram – 361140, Jamnagar (Gujarat)		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Model Number	Cali. Date	Next Cali. Date
UERL/AIR/SLM/09C	Sound Level Meter	9983420	01/07/2018	30/06/2019

1) **Gop (Composite) Limestone Mines.**

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
24/05/2019	Gop Village	68.3	38.6
24/05/2019	Jeenawari Village	63.8	35.8
25/05/2019	Gop Village	65.2	35.0
25/05/2019	Jeenawari Village	66.5	42.3

2) **Chorbedi (Composite) Limestone Mines.**

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
25/05/2019	Chorbedi Village	66.4	37.2
26/05/2019	Chorbedi Village	67.9	45.2

3) **Pachhtar (Composite) Limestone Mines.**

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
25/05/2019	Pachhtar Village	63.5	40.7
26/05/2019	Pachhtar Village	67.4	48.5

Note:

Permissible Limit :

Day Time: 75> dB (A) Night Time: 70> dB (A)

Prepared By

Acael

Page 1 of 1

Authorized By

Ardey

UERL/AIR/F-18/01

WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/05/WN-SDC001	Date Of Report:	30/05/2019
Name & Add. Of Industries	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram – 361140, Jamnagar (Gujarat)		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Model Number	Cali. Date	Next Cali. Date
UERL/AIR/SLM/09C	Sound Level Meter	9983420	01/07/2018	30/06/2019

1) Gop (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)		
		Inside Cabin	15 Mtr. away from m/c.	50 Mtr. away from m/c.
“ Temporary Discontinued – No Operation ”				

2) Chorbedi (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)		
		Inside Cabin	15 Mtr. away from m/c.	50 Mtr. away from m/c.
24/05/2019	Dozer D8 - N (CAT)	88.3	83.4	73.8
24/05/2019	Hyundai - 140 (LC - 9)	89.1	82.8	74.6
24/05/2019	D.G. Set (ASKA - NLM - 9)	88.8	82.5	74.1

3) Pachhtar (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)		
		Inside Cabin	15 Mtr. away from m/c.	50 Mtr. away from m/c.
25/05/2019	Dozer D8 - R	89.5	83.1	75.2
	Dozer D 355	88.6	82.7	73.7
25/05/2019	Hyundai - 140 Excavator	88.3	83.5	73.5
25/05/2019	Tata - 200 Excavator	89.2	82.8	74.8
25/05/2019	Tata - 200 Bracker	89.1	83.3	74.5

Note:

Permissible Limit :

TWA(Time Weighted Average) 8 Hrs : 90 dB (A)

Prepared By

Seal

Page 1 of 1

Authorized By

Handwritten Signature

UERL/AIR/F-20/01

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 OHSAS18001:2007
 Certified Company

 ISO 9001:2015
 Certified Company

AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/06/AN-SDC001	Date Of Report:	29/06/2019
Name & Add. Of Industries	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram – 361140, Jamnagar (Gujarat)		

➤ Details of Instrument Used for Monitoring.

Instrument Id No.	Instrument Name	Model Number	Cali. Date	Next Cali. Date
UERL/AIR/SLM/09C	Sound Level Meter	9983420	01/07/2018	30/06/2019

1) Gop (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
20/06/2019	Gop Village	66.2	40.2
20/06/2019	Jeenawari Village	65.7	38.5
21/06/2019	Gop Village	68.5	36.5
21/06/2019	Jeenawari Village	64.2	39.7

2) Chorbedi (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
21/06/2019	Chorbedi Village	68.6	43.2
22/06/2019	Chorbedi Village	65.3	41.5

3) Pachhtar (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
21/06/2019	Pachhtar Village	66.5	43.7
22/06/2019	Pachhtar Village	65.4	45.1

Note:

Permissible Limit :

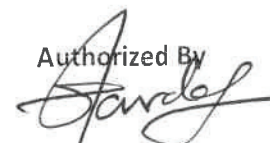
Day Time: 75> dB (A) Night Time: 70> dB (A)

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UERL/AIR/F-18/01

WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/06/WN-SDC001	Date Of Report:	29/06/2019
Name & Add. Of Industries	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram – 361140, Jamnagar (Gujarat)		

➤ Details of Instrument Used for Monitoring.

Instrument Id No.	Instrument Name	Model Number	Cali. Date	Next Cali. Date
UERL/AIR/SLM/09C	Sound Level Meter	9983420	01/07/2018	30/06/2019

1) Gop (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)		
		Inside Cabin	15 Mtr. away from m/c.	50 Mtr. away from m/c.
“ Temporary Discontinued – No Operation”				

2) Chorbedi (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)		
		Inside Cabin	15 Mtr. away from m/c.	50 Mtr. away from m/c.
20/06/2019	Dozer D8 - N (CAT)	88.7	83.9	74.1
20/06/2019	Hyundai - 140 (LC - 9)	89.5	83.4	74.3
20/06/2019	D.G. Set (ASKA - NLM - 9)	89.2	83.0	74.5

3) Pachhtar (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)		
		Inside Cabin	15 Mtr. away from m/c.	50 Mtr. away from m/c.
21/06/2019	Dozer D8 - R	89.2	83.7	74.8
	Dozer D 355	89.0	83.2	74.2
21/06/2019	Hyundai - 140 Excavator	88.8	83.1	73.2
21/06/2019	Tata - 200 Excavator	89.6	83.6	74.4
21/06/2019	Tata - 200 Bracker	89.3	83.9	74.8

Note:

Permissible Limit :

TWA(Time Weighted Average) 8 Hrs : 90 dB (A)

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A. Patel

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[Signature]

UERL/AIR/F-20/01



Annexure D

GOP (COMPOSITE) LIMESTONE MINES
HALF-YEARLY EXPENDITURE STATEMENT
FOR ENVIRONMENT MANAGEMENT
For the period of April 19 to September 19

S.No.	WORK	AMOUNT in Rs.
1	Ambient Air & Noise Monitoring	10800
2	Water Sprinkling on haul roads	0
3	Purchasing of Sapling	2010
4	Purchasing of Soil	0
5	Recurring Expenses for Security and Maintenance of Plantation	63000
	Total	75810


Signature
Shyam Narayan Singh
Manager – Mines