



By Email

Pac/MoEF/HYC/A/302/2035

Date: 28.05.2020

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 (M.P.)

Subject: Submission of 6 monthly compliance report of the conditions as laid down Environmental Clearance vide letter No J/11015/49/2005-IA.II (M), dated 21.06.2010 & 07.10.2005 and corrigendum dated 06.02.2006 in respect of **Pachhtar (Composite) Limestone Mines**, pertaining to **Shree Digvijay Cement Co Ltd.** for the period of **October 19 to March 20.**

Sir/Madam,

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

1. This is a captive Limestone Mine for which "Consent to Operate" has been obtained for continuing mining operations from GPCB, Gandhinagar, vide Consent Order No.AWH-71393 of dated 29.06.2015 which is valid up to 24.05.2020. Renewal of CTO is applied on 08.04.2020 and it is under process.
2. Point wise compliance status to various stipulations, as laid-down in Environmental Clearance letter No.J-11015/49/2005-IA.II(M) dated 07.10.2005 and 06.02.2006 & 21.06.2010 with supporting documents, is being enclosed with the following Annexure:-

Environment Statement in Form V for the year 2019-20	: Annexure A
Ambient Air Quality Reports	: Annexure B
Noise Level	: Annexure C
Environment Yearly Expenses Statement	: Annexure D

We hope that you will please find the above submission in order.

Thanking you,

Yours faithfully,
For SHREE DIGVIJAY CEMENT CO. LTD.

Anil Kumar Nigam
Sr. General Manager (Mines)

Copy To:
The Environmental Engineer, Gujarat Pollution Control Board Paryavaran Bhavan, Sector 10A, **GANDHINAGAR** 382 010.

**SHREE DIGVIJAY
CEMENT CO. LTD.**

Registered Office & Works
Post- Digvijaygram 361140, Jamnagar,
Gujarat, India.
CIN L26940GJ1944PLC000749

+91 288 234 4272-75
+91 288 234 4092
info@digvijaycement.com
www.digvijaycement.com

SHREE DIGVIJAY CEMENT CO. LTD.
PACHHTAR (COMPOSITE) LIMESTONE MINE
SIX MONTHLY COMPLIANCE STATUS
October 19 to March 20

Point wise compliance status to various stipulations as laid down in the Environmental Clearance letter No. J-11015/49/2005-ia.ii (m) dated 21.06.2010:

S. NO.	CONDITIONS	COMPLIANCE STATUS
A. Specific Condition		
(i)	The project proponent shall carry out mining operations using Surface Miners in accordance with the mining scheme as approved by the Indian Bureau of Mines on 25.01.2010.	Complied. Mining operation is being carried out as per EC and the Mining Plan approved by IBM. IBM has approved a fresh Mining Plan on 13.02.2018 for the period of 2018 -19 to 2022 - 23, and all mining activity is being carried out as per approved mining plan.
(ii)	The critical parameters such as RSPM (Particulate matter with size less than 10 micron i.e. PM ₁₀), NO _x in the ambient air within the impact one shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006 -IA. II (M) dated 27.05.2009 issued by Ministry of Environment and Forests, which is available on the website of the Ministry www.envfor.nic.n shall also be referred in this regard for its compliance.	Complied. The Critical Parameters such as RSPM, NO _x in the ambient air within the impact zone are being monitored on monthly basis. Also note that we are not discharging water/effluents from the mines. The monitored data are being displayed at main gate of the Office as well as uploaded on the website of the company.
(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.	Provision for Construction Labours –Not Applicable

B. General Condition		
(i)	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Lucknow, the respective Zonal office of Central Pollution Control Board, the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office of the Ministry of Environment and forests, Bhopal, the respective zonal office of Central Pollution Control board and the State Pollution Control Board.	Six monthly reports on the status of compliance of the stipulated environment clearance Conditions including results of monitored data are being sent by E-mail to Regional office, Bhopal & State Pollution Control Board, Gandhinagar.
(ii)	The environmental statement for each financial year ending 31 st 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	Complied. Environmental statement for each financial year ending 31 st March in Form V is being submitted. Environmental statement for the period of 2018-19 was submitted on 24.05.2019 to the Regional Office- MoEF – Bhopal & Gujarat Pollution

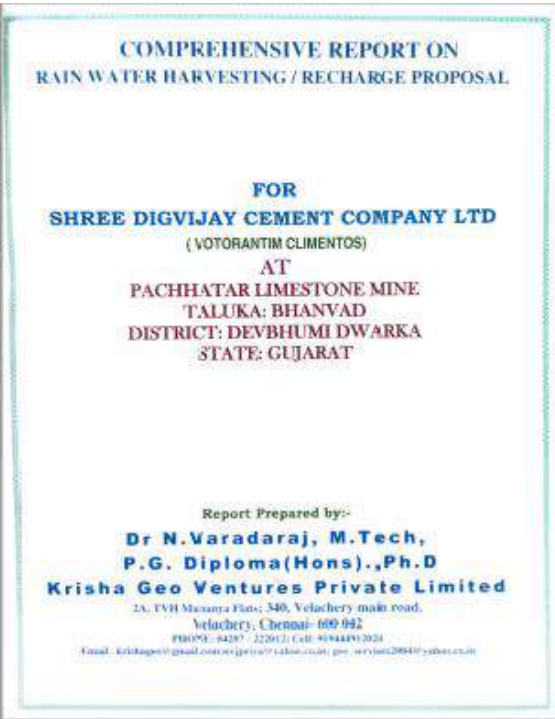
company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Bhopal by e-mail.	Control Board as prescribed under the Environment (Protection) Rules, 1986.
---	---

Point wise compliance status to various stipulations as laid down in the Environmental Clearance letter No. J-11015/49/2005-IA.II (M) dated 07.10.2005 and 06.02.2006:

SL.	CONDITIONS	COMPLIANCE STATUS																									
A. Specific Conditions																											
(i)	Prior approval of the Chief Wildlife Warden, Government of Gujarat, shall be obtained before expansion of mining activities.	We have not undertaken any expansion of mining activities at Pachhtar Limestone Mine.																									
(ii)	The production capacity from this mine shall not exceed 1.0 MTPA with a capping of production of limestone to 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.	Production during Oct-19 to March-20 is 267288.38 MT from Pachhtar (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 Oct-19 to March-20 and its capacities are as under- <table><tr><th>Name of Mine</th><th>EC Capacity in Million Tons</th><th>Production in Million Tons</th><th>Remarks</th></tr><tr><td>Gop</td><td>0.25</td><td>0.00</td><td rowspan="4">Within the EC Limit</td></tr><tr><td>Pachhtar</td><td>1.00</td><td>0.267</td></tr><tr><td>Chorbedi</td><td>0.90</td><td>0.159</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><td></td></tr><tr><td>Total</td><td>2.85 (limited to 2.20)</td><td>0.426</td><td></td></tr></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	Remarks	Gop	0.25	0.00	Within the EC Limit	Pachhtar	1.00	0.267	Chorbedi	0.90	0.159	Mokhana	0.70	0.00	Bhogat	EC not granted	0.00		Total	2.85 (limited to 2.20)	0.426	
Name of Mine	EC Capacity in Million Tons	Production in Million Tons	Remarks																								
Gop	0.25	0.00	Within the EC Limit																								
Pachhtar	1.00	0.267																									
Chorbedi	0.90	0.159																									
Mokhana	0.70	0.00																									
Bhogat	EC not granted	0.00																									
Total	2.85 (limited to 2.20)	0.426																									

SL.	CONDITIONS	COMPLIANCE STATUS																																																																																
(ii)	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 settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains.	Details of Catch Drains & Siltation Pond: There are mainly 4 nos of Catch drains, details catch drains are as under: <table><tr><th>Catch Drain No</th><th>Length in Meter</th><th>Width in Meter</th><th>Depth in Meter</th></tr><tr><td>1</td><td>354</td><td>12</td><td>1.5</td></tr><tr><td>2</td><td>324</td><td>12</td><td>1.20</td></tr><tr><td>3</td><td>151</td><td>9</td><td>0.5</td></tr><tr><td>4</td><td>18</td><td>11</td><td>0.5</td></tr></table> Siltation ponds: Bottom pits of mines act as siltation ponds; details as below: <table><tr><th>Siltation Pond</th><th>Length</th><th>Width</th><th>Depth</th><th>Area</th><th>Volume</th></tr><tr><td></td><td colspan="3">In meter</td><td></td><td></td></tr><tr><td>1</td><td>218</td><td>97</td><td>5</td><td>21146</td><td>105730</td></tr><tr><td>2</td><td>145</td><td>43</td><td>3</td><td>6235</td><td>18705</td></tr><tr><td>3</td><td>291</td><td>121</td><td>5</td><td>28050</td><td>140250</td></tr><tr><td>4</td><td>86</td><td>74</td><td>2</td><td>6364</td><td>12728</td></tr><tr><td>5</td><td>182</td><td>75</td><td>3</td><td>13650</td><td>40950</td></tr><tr><td>6</td><td>692</td><td>61</td><td>5</td><td>42212</td><td>211060</td></tr><tr><td>7</td><td>404</td><td>83</td><td>12</td><td>33532</td><td>402384</td></tr><tr><td colspan="4">Total</td><td></td><td>931807</td></tr></table> Construction of Garland Drains: For Waste Dump: Not applicable as there is no waste. For Mines: This region of Gujarat is known as Semi-desert and scarcity of water is major concern. An arrangement has been made to collect surface runoff water during the monsoon into the pits. Rainwater accumulated in these pits helps to augment ground water. This water is also used for Plantation & dust suppression. Farmers in nearby mines area also use this water for irrigation purpose as per their requirement. Instead of Garland drain, catch drains are developed. There is no overflow of water or discharge of any mine water from the pits. All the silts are settled in pits itself. Catchment area including pits – 1221568 M² , Total quantity of water with an average rainfall of 63 CM, - 769587.84 KL. The size of mined out pits is capable to receive and store 2812373.55 KL of water with average rainfall 63 Cm which is well above 50% safety margin to take care of sudden Peak rainfall. Sumps are large enough to provide adequate retention period for proper settling of silt material.	Catch Drain No	Length in Meter	Width in Meter	Depth in Meter	1	354	12	1.5	2	324	12	1.20	3	151	9	0.5	4	18	11	0.5	Siltation Pond	Length	Width	Depth	Area	Volume		In meter					1	218	97	5	21146	105730	2	145	43	3	6235	18705	3	291	121	5	28050	140250	4	86	74	2	6364	12728	5	182	75	3	13650	40950	6	692	61	5	42212	211060	7	404	83	12	33532	402384	Total					931807
Catch Drain No	Length in Meter	Width in Meter	Depth in Meter																																																																															
1	354	12	1.5																																																																															
2	324	12	1.20																																																																															
3	151	9	0.5																																																																															
4	18	11	0.5																																																																															
Siltation Pond	Length	Width	Depth	Area	Volume																																																																													
	In meter																																																																																	
1	218	97	5	21146	105730																																																																													
2	145	43	3	6235	18705																																																																													
3	291	121	5	28050	140250																																																																													
4	86	74	2	6364	12728																																																																													
5	182	75	3	13650	40950																																																																													
6	692	61	5	42212	211060																																																																													
7	404	83	12	33532	402384																																																																													
Total					931807																																																																													

SL.	CONDITIONS	COMPLIANCE STATUS												
														
(iv)	Drills should be wet operated or with dust extractors.	Drill machines are not in operation.												
(v)	Controlled blasting should be practiced only day time. The mitigative measures for control of ground vibrations to arrest the fly rocks and boulders should be implemented.	Drilling & Blasting has been eliminated by the use of Ripper –Dozer and Excavator combination, an Eco-Friendly mining.  												
(vi)	Plantation shall be done over the lease area including 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 as per EC condition is under progress & required area will be afforested during life of mine. We are now planting saplings as per the proposals of approved mining plan per year and made proper arrangements of after care of plants. At present plantation area is 1.363 hectares at the end of March 2020. 0.27 Hectares area covered under plantation in the year 2019-20. 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 Saplings planted</th><th>Area (in Ha)</th></tr> </thead> <tbody> <tr> <td>Upto 2018-19</td><td>4778</td><td>1.093</td></tr> <tr> <td>2019-20</td><td>352</td><td>0.27</td></tr> <tr> <td>Total</td><td>5130</td><td>1.363</td></tr> </tbody> </table>	Year Nos. of	Nos of Saplings planted	Area (in Ha)	Upto 2018-19	4778	1.093	2019-20	352	0.27	Total	5130	1.363
Year Nos. of	Nos of Saplings planted	Area (in Ha)												
Upto 2018-19	4778	1.093												
2019-20	352	0.27												
Total	5130	1.363												
														
(vii)	A total of 83.16 ha of the mined out area shall be converted into a water reservoir. The higher benches of the void shall be terraced and plantation done to stabilize the slopes. Peripheral fencing shall be done along the excavated area.	Mined out area shall be developed as basin for collecting surface runoff rain water after complete removal of mineral. Peripheral fencing will be done along excavated area.												
(viii)	Ground water shall not be encountered during mining operations. Prior approval of the MOEF and CGWA shall be taken for mining below ground	We are not working below ground water level.												

SL.	CONDITIONS	COMPLIANCE STATUS
	water.	
(ix)	Rain water harvesting measures shall be taken up in consultation with the Regional Office, CGWB to recharge and augment groundwater in the area.	A systematic and scientific study of Rainwater harvesting and Ground water recharge has been done by Hydrology & Groundwater expert Dr N. Varadaraj, M.Tech - , P.G. Diploma (Hons), Ph.D. The study report has been submitted to the CGWA – Ahmedabad. Rainwater harvesting & Ground water recharge measures is being done, as per the recommendations. We have also requested guidance and expertise from Regional Director, C.G.W.B. Ahmedabad in this regard.
		
s(x)	A final Mine Closure Plan along with detail of Corpus Fund should be submitted to the Ministry of Environment and Forests 5 years in advance of final mine closure for approval.	Progressive Mine Closure Plan with Financial Assurance submitted to IBM. Final Mine closure plan will be submitted before 2 years of intended closure as per MCDR 2017.
(xi)	Consent to operate shall be obtained from the SPCB before expanding mining operations.	Consent to operate Mine has been obtained from GPCB, Gandhinagar vide Consent Order No. No.AWH-71393 of dated 29.06.2015 which is valid up to 24.05.2020. Renewal of Consent to Operate has applied on 08.04.2020 and it is under process.
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.	We are carrying out mining operations in accordance with EC & Mining Plan approved by IBM for the period of 2018 -19 to 2022 -23.
(ii)	No change in the calendar plan including excavation, quantum of limestone and waste should be made.	We are carrying out mining operations in accordance with EC & Mining Plan approved by IBM for the period of 2018 -19 to 2022 -23. The production done in 2019-20 is given below and the production is within the EC limit.

SL.	CONDITIONS	COMPLIANCE STATUS			
		Year	Mineral	Proposed Production as per approved Mining Plan in MT	Actual Production in MT
		2019-20	Limestone	537953	536223.9
(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 every year to MOEF Regional Office (WR), Bhopal and GPCB, Gandhinagar. Data of Ambient Air Quality Survey conducted during the half year Oct-19 to March-20 is enclosed. 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 regularly. Water spraying arrangement on haul roads and mining area is being practiced and properly maintained.			
(v)	Adequate measures should be taken for control of noise levels in the work environment.	An adequate measure is being taken for control of noise levels in the work environment. Regularly monitoring the noise level. Dozer-Ripper is provided with AC cabin for operator which protects the operator from heat, noise & dust. Machineries are maintained in good service condition. Data of monitoring the noise level measured and recorded during the half year period Oct-19 to March-20 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.	Maintenance of vehicles is being done in Tata Cargo, situated in Rajkot – Jamnagar Highway, Hapa, Jamnagar, Gujarat. All maintenance & treatment facilities like ETP are available as per the norms. A Photograph is attached for your kind reference. Hence this condition may be treated as complied.			
(vii)	Occupational health surveillance programme 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			



SL.	CONDITIONS	COMPLIANCE STATUS																								
		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, Cardiologial 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 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).	The funds earmarked for environmental protection measures is kept in separate account and not diverted for other purpose. Expenditure for environmental protection measures is given below: Last 7 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>460168</td></tr> <tr> <td>2</td><td>2014-15</td><td>528587</td></tr> <tr> <td>3</td><td>2015-16</td><td>750680</td></tr> <tr> <td>4</td><td>2016-17</td><td>356756</td></tr> <tr> <td>5</td><td>2017-18</td><td>406410</td></tr> <tr> <td>6</td><td>2018-19</td><td>495120</td></tr> <tr> <td>7</td><td>2019-20</td><td>567799</td></tr> </tbody> </table> Expenditure for environmental protection measures is being enclosed as Annexure D.	S.No.	Year	Recurring Yearly Expenditure	1	2013-14	460168	2	2014-15	528587	3	2015-16	750680	4	2016-17	356756	5	2017-18	406410	6	2018-19	495120	7	2019-20	567799
S.No.	Year	Recurring Yearly Expenditure																								
1	2013-14	460168																								
2	2014-15	528587																								
3	2015-16	750680																								
4	2016-17	356756																								
5	2017-18	406410																								
6	2018-19	495120																								
7	2019-20	567799																								
(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 clearance letter was handed over to all concerned Panchayat.																								
(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 provide 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.																								

FORM V**Environment Audit Report for the period 2019-20****PART - A**

1. Name & Address of the Owner/
Occupier of the Industry
Operation or process : **Shree Digvijay Cement Co. Ltd.
Pachhtar (Composite) Limestone Mine
Survey No.225/P, Village- Pachhtar,
Taluka - Bhanvad, Distt. - Devbhumi
Dwarka, (Gujarat)**
2. Industry Category : **Mining Industry**
Primary: (STC Code)
Secondary: (SIC Code)
3. Production Capacity : **10 Lakh tones / Annum**
4. Year of Establishment : **07.11.1983**
5. Date of the last Environmental
Statement submitted : **11.05.2020**

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

Process	:	0
Cooling	:	0
Domestic (Drinking)	:	1.0 KL
Dust Suppression	:	6.05 KL
Plantation	:	0.53 KL

(*)PS Yearly consumption spread equally over 365 days of a year

Name of products	Process water consumption per unit of product	
	During previous year	During the 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 previous year	During the current year
1.	Explosives	Limestone	Nil	Nil
2.	Ammonium nitrate		Nil	Nil
3.	Detonating Fuse		Nil	Nil
4.	Safety Fuse		Nil	Nil
5.	Detonator		Nil	Nil
6.	Cord Relays		Nil	Nil
7.	HSD - L/ Ton		236200 L/0.47	230826 L/0.43
8.	Lubricant oil - L/ Ton		5341 L/0.01	7511 L/0.01
9.	Grease - Kg/Ton		526 Kg/0.001	840 Kg/0.001

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	Nil.		
(b)	Air	Annexure Enclosed		
		--	--	--
		--	--	--
		--	--	--

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

Parameter	Time Weighted Avg.	Concentration in Ambient Air	
		Industrial, residential, rural and other area	Ecologically Sensitive area (notified by Central Govt.)
Particulate Matter In Microgram/M ³	24 hours	100	100
	Annual	60	60
SO ₂ in Microgram/M ³	24 hours	80	80
	Annual	50	20
NO _x in Microgram/M ³	24 hours	80	80
	Annual	40	30

PART – D

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

Hazardous Wastes		Total Quantity	
		During previous year	During the current year
(a)	From Process (Used Oil from Machines)	0.120 KL	0.120 KL
(b)	From pollution control facilities	-	-

PART – E (Solid Wastes)

		Total Quantity	
		During previous year	During the current year
(a)	From process	Nil	NIL
(b)	From pollution control Facility	Nil	Nil
(c)	i) Quantity recycled or re-utilized within the unit	Nil	Nil
	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 machine

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 being used for reducing dust in mines.

Use of Ripper Dozer – Use of Eco-friendly Ripper Dozer Machine has been started at Pachhtar Mines

Other measures -

1. Drilling is eliminated by deployment of Ripper-Dozer.
2. Dust suppressed on haul road by water sprinkling.
3. Fumes and smoke emissions from HEMM controlled by regular maintenance and timely overhaul of engines.
4. Tarpaulin covering on the transporting vehicle before leaving the mine site.
5. AAQ monitoring is done on regular basis. Contract awarded to M/s 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.



Signature of a person carrying out
an industry, operation or process

Name: Anil Kumar Nigam

Designation: Sr. General Manager (Mines)

Address: Shree Digvijay Cement Co. Ltd.

P.O. Digvijaygram- 361140

(Via) Jamnagar, Gujarat

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

QCHABE Accredited EIA Consultant Organization

CPCB Recognized Environmental Auditor (Schedule-II)

OHSAS 18001:2007 Certified Company

ISO 9001:2015 Certified Company

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/19/10/A-SDC007	Report Issue Date:	06/11/2019
Sample ID No.	URA/10/A-19/10/0007	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	30/10/2019	Date of Testing	01/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachitar Mines (Loading Site)		

Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/04	Respirable Dust Sampler	1714-DTE-2010, 2681-DTC-2005	01/08/2019	31/07/2020
UERL/AIR/FPS/09	Fine Particulate Sampler	546-DTK-2010	01/08/2019	31/07/2020

General Sampling / Monitoring Observation as per CPCB Guideline

Sr. No.	Description	Unit of measurement	2 Hours Observation Reading		
			1 st	2 nd	3 rd
1.	Flow Rate of PM ₁₀	m ³ /min	1.25	1.28	1.27
2.	Volume of Air Sampled for PM ₁₀	m ³	600	614	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	2 Hours Monitoring Result			Average (24 Hours)	Specific Value	Test Method
			1 st	2 nd	3 rd			
1.	PM ₁₀	µg/m ³	92	80	65	79	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	167	115	96	126	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	24	19	17	20	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	21.6	13.8	18.5	17.9	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	25.2	15.5	21.4	20.7	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:

Arunal
(Chemist)/(Supervisor)

Page No.: 1 of 1

Tested By:

(Chemist) / (Sr. Chemist)

Car. O. P.

Authorized By:

(Manager - Operations)

(3-2-1)
UERL/AIR/F-05/09

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

OC-14861 Accredited EA
Consultant Organization

GPCB Recognized Environmental
Laboratory [Schedule - II]

ISO 9001:2007
Certified Company

ISO 9001:2015
Certified Company

**TEST REPORT
(AMBIENT AIR MONITORING)**

Test Report No.	URA/19/10/A-SDC008	Report Issue Date:	06/11/2019
Sample ID No.	URA/10/A-19/10/008	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	30/10/2019	Date of Testing	01/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Mine Haul Road Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERL/AIR/RDS/12	Respirable Dust Sampler	1861-DTL-2010 4178-DTL-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/21	Fine Particulate Sampler	20-DTC-2012	01/08/2019	31/07/2020

> **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	1.23	1.30	1.27
2.	Volume of Air Sampled for PM ₁₀	m ³	590	624	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	105	93	73	90	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	232	174	128	178	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	25	21	17	21	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	19.6	13.4	21.8	18.2	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	23.5	18.2	20.6	20.7	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.

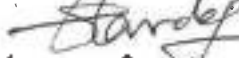
Sampling Done By:


(Chemist)/(Supervisor)
(M.L.T.)
Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)
(M.L.T.)

Authorized By:


(Manager - Operations)
(M.L.T.)
UERL/AIR/F-05/03

MOEF&CC (G.O.) Recognized Environmental Laboratory under the EPA-1986 (2012) to 11/01/2020

QCINABET Accredited Environmental 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/19/10/A-SDC009	Report Issue Date:	06/11/2019
Sample ID No.	URA/ID/A-19/10/009	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	30/10/2019	Date of Testing	01/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachdar Mines (Pachdedi Village Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERL/AIR/RDS/13	Respirable Dust Sampler	1716-DTE-2010 287-DFO-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/29	Fine Particulate Sampler	130-DTL-2012	02/08/2019	01/08/2020

> 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	1.25	1.23
2.	Volume of Air Sampled for PM ₁₀	m ³	600	600	590
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	83	91	60	78	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	195	226	118	180	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	19	21	15	18	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	17.6	9.2	19.5	15.4	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	23.4	17.6	20.3	20.4	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 Specified Norms.

Sampling Done By:

(Signature)
(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

MOEF & CPCB (GOI) Recognized Environmental Laboratory under the EPA-1986/12.01.2015 to 11.01.2020

GCRA/ABFI Approved EA Consultant Organization

CPCB Recognized Environmental Auditor (Schedule-II)

ISO 14001:2007 Certified Company

ISO 9001:2015 Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/10/A-SOC010	Report Issue Date:	06/11/2019
Sample ID No.	URA/10/A-19/10/010	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	31/10/2019	Date of Testing	02/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachitar Mines (Loading Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERL/AIR/RDS/04	Respirable Dust Sampler	1714-DTE-2010, 2681-DTC-2005	01/08/2019	31/07/2020
UERL/AIR/FPS/09	Fine Particulate Sampler	546-DTK-2010	01/08/2019	31/07/2020

➤ **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	1.28	1.21	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	614	580	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	117	87	83	96	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	243	206	148	199	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	28	20	19	22	80	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	19.6	11.4	18.7	16.5	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	25.1	16.3	17.4	19.6	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:

Arach
(Chemist)/(Supervisor)
(CAI)

Page No.: 1 of 1

Tested By:

(Signature)
(Chemist) / (Sr. Chemist)
(CAI)

Authorized By:

(Signature)
(Manager - Operations)

(3-37)
UERL/AIR/F-05/03

MOEF&CC (GOI) Recognized Environmental Laboratory under the [PA-98/12.01.2015 to 11.01.2020]

OCI-NAJET Accredited BA Consultant Organization

CPCB Recognized Environmental Auditor (Schedule - II)

OHSAS18001:2007 Certified Company

ISO 9001:2015 Certified Company

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/19/10/A-SDC011	Report Issue Date:	06/11/2019
Sample ID No.	URA/10/A-19/10/011	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	31/10/2019	Date of Testing	02/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Mine Haul Road Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERL/AIR/RDS/12	Respirable Dust Sampler	1861-DTL-2010 4178-DTL-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/21	Fine Particulate Sampler	20-DTC-2012	01/08/2019	31/07/2020

> 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	1.22	1.23	1.27
2.	Volume of Air Sampled for PM ₁₀	m ³	585	590	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	105	98	71	91	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	217	164	102	161	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	25	21	17	21	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	22.6	15.4	12.3	16.7	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	24.3	12.5	19.1	18.6	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:

Arvind
(Chemist)/(Supervisor)
(A-27)
Page No.: 1 of 1

Tested By:

[Signature]
(Chemist) / (Sr. Chemist)
(A-12/B)

Authorized By:

[Signature]
(Manager - Operations)
(A-27)
UERL/AIR/F-05/03

MOEFACC (201) Recognized Environmental Laboratory under the EPA-1986 (12.01.2015 to 11.01.2020)

QCHABET Accredited QA Consultancy Organization

QPCB Recognized Environmental Auditor (Schedule-II)

ON54150012007 Certified Company

ISO 9001:2015 Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/10/A-SDC012	Report Issue Date:	06/11/2019
Sample ID No.	URA/10/A-19/10/D12	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	31/10/2019	Date of Testing	02/11/2019
Sampling Procedure	CPCB Guideline		
Location of Sampling / Monitoring	Pachistar Mines (Pachtech Village Site)		

> **Details of Master Instrument Used for Monitoring:**

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/13	Respirable Dust Sampler	1716-DTE-2010 287-DTD-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/29	Fine Particulate Sampler	130-DTL-2012	02/08/2019	01/08/2020

> **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	1.28	1.26
2.	Volume of Air Sampled for PM ₁₀	m ³	619	614	604
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	95	106	67	89	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	137	183	118	146	..	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	21	24	16	20	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	18.5	11.7	13.2	14.4	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	24.7	18.5	15.1	19.4	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:

(Signature)
(Chemist)/(Supervisor)

Page No.: 1 of 1

Tested By:

(Signature)
(Chemist) / (Sr. Chemist)

Authorized By:

(Signature)
(Manager - Operations)

(7-23)
UERL/AIR/F-05/03

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/19/11/A-SDC007	Report Issue Date:	29/11/2019
Sample ID No.	URA/ID/A-19/11/007	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	27/11/2019	Date of Testing	28/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Loading Site)		

Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/07	Fine Particulate Sampler	271-DTE-2010	01/08/2019	31/07/2020

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	1.25	1.27
2.	Volume of Air Sampled for PM ₁₀	m ³	600	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	96	96	96

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	124	96	74	98	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	198	130	85	138	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	30	22	18	23	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	15.6	24.5	19.7	20.0	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	23.6	28.5	20.5	24.2	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)

(A. P.)
Page No.: 1 of 1

Tested By:

G. Patel
(Chemist) / (Sr. Chemist)

Authorized By:

S. Patel
(Manager - Operations)

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

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/11/A-SDC008	Report Issue Date:	29/11/2019
Sample ID No.	URA/ID/A-19/11/008	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	27/11/2019	Date of Testing	28/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Mine Haul Road Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/23	Respirable Dust Sampler	2343-DTB-2012 1038-DTC-2012	01/08/2019	31/07/2020
UERL/AIR/FPS/06	Fine Particulate Sampler	270-DTE-2010	01/08/2019	31/07/2020

➤ **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	1.30	1.25
2.	Volume of Air Sampled for PM ₁₀	m ³	600	624	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	96	96	96

➤ **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	137	86	75	99	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	255	190	140	195	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	29	26	20	25	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	16.5	24.7	19.5	20.2	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	21.2	25.3	22.8	23.1	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:

A. Patel
(Chemist)/(Supervisor)

(A-21)
Page No.: 1 of 1

Tested By:

Chandana
(Chemist) / (Sr. Chemist)

Authorized By:

Shreshth
(Manager - Operations)

(2-2-11)
UERL/AIR/F-05/03

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/11/A-SDC009	Report Issue Date:	29/11/2019
Sample ID No.	URA/ID/A-19/11/009	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	27/11/2019	Date of Testing	28/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Pachtedi Village Site)		

➤ **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	1716-DTE-2010 287-DTD-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/08	Fine Particulate Sampler	130-DTL-2012	02/08/2019	01/08/2020

➤ **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	1.25	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	600	600	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	96	96	96

➤ **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	92	76	52	73	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	155	172	74	134	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	21	17	14	17	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	12.5	15.6	11.7	13.3	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	20.3	24.5	18.6	21.1	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:

A. Patel
(Chemist)/(Supervisor)

(Signature)

Page No.: 1 of 1

Tested By:

S. G. Gadhvi
(Chemist) / (Sr. Chemist)

Authorized By:

S. G. Gadhvi
(Manager - Operations)

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

**TEST REPORT
(AMBIENT AIR MONITORING)**

Test Report No.	URA/19/11/A-SDC010	Report Issue Date:	29/11/2019
Sample ID No.	URA/D/A-19/11/010	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	28/11/2019	Date of Testing	29/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Loading Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/07	Fine Particulate Sampler	271-DTE-2010	01/08/2019	31/07/2020

➤ **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	1.25	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	595	600	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	96	96	96

➤ **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	145	90	61	98	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	240	155	94	163	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	28	25	20	24	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	17.1	25.9	20.3	21.1	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	25.3	26.5	21.2	24.3	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)
(AAT)

Page No.: 1 of 1

Tested By:

(Signature)
(Chemist)/(Sr. Chemist)

Authorized By:

(Signature)
(Manager - Operations)

(2-22)
UERL/AIR/F-05/03

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/19/11/A-SDC011	Report Issue Date:	29/11/2019
Sample ID No.	URA/ID/A-19/11/011	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	28/11/2019	Date of Testing	29/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Mine Haul Road Site)		

Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/23	Respirable Dust Sampler	2343-DTB-2012 1038-DTC-2012	01/08/2019	31/07/2020
UERL/AIR/FPS/06	Fine Particulate Sampler	270-DTE-2010	01/08/2019	31/07/2020

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	1.22	1.23	1.27
2.	Volume of Air Sampled for PM ₁₀	m ³	585	590	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	96	96	96

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	138	84	71	98	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	225	175	110	170	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	15	21	17	18	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	14.5	23.6	20.2	19.4	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	20.5	26.8	21.5	22.9	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:

(Signature)
(Chemist)/(Supervisor)
(C-11)

Page No.: 1 of 1

Tested By:

(Signature)
(Chemist) / (Sr. Chemist)

Authorized By:

(Signature)
(Manager - Operations)

(C-37)
UERL/AIR/F-05/03

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/19/11/A-SDC012	Report Issue Date:	29/11/2019
Sample ID No.	URA/ID/A-19/11/012	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	28/11/2019	Date of Testing	29/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Pachtedi Village Site)		

Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Call Date	Next Cali. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1716-DTE-2010 287-DTD-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/08	Fine Particulate Sampler	130-DTL-2012	02/08/2019	01/08/2020

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	1.25	1.26
2.	Volume of Air Sampled for PM ₁₀	m ³	600	600	604
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	96	96	96

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	81	65	50	65	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	125	140	80	115	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	19	15	13	16	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	11.6	17.3	10.2	13.0	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	18.5	23.8	17.5	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:

Acail
(Chemist)/(Supervisor)

Page No.: 1 of 1

Tested By:

CP-41
(Chemist) / (Sr. Chemist)

Authorized By:

CP-41
(Manager - Operations)

UERL/AIR/F-05/03

MOEFACC (G.O.) Recognized Environmental Laboratory under the EPA-1986(1.2015 to 11.01.2020)

QCIMABE Accredited EA Consultancy Organization

CPCB Recognized Environmental Auditor (Schedule - II)

ONAS-8001:2007 Certified Company

ISO 9001:2015 Certified Company

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/19/12/A-SDC007	Report Issue Date:	27/12/2019
Sample ID No.	URA/ID/A-19/12/007	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	21/12/2019	Date of Testing	23/12/2019
Sampling Procedure	CPCB Guideline		
Location of Sampling / Monitoring	Pachitar Mines (Loading Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/07	Fine Particulate Sampler	271-DTE-2010	01/08/2019	31/07/2020

> 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	1.24	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	595	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	96	96	96

> 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	118	95	69	94	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	236	150	92	159	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	26	21	19	22	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	23.6	20.7	12.5	18.9	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	20.5	24.3	17.8	20.9	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:

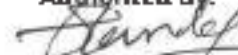

 (Chemist)/(Supervisor)

Page No.: 1 of 1

Tested By:


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

Authorized By:


 (Manager - Operations)

 (V.D.P.)
 UERL/AIR/F-05/03

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/12/A-SDC008	Report Issue Date:	27/12/2019
Sample ID No.	URA/10/A-19/12/009	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	21/12/2019	Date of Testing	23/12/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachitar Mines (Mine Haul Road Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Call. Date	Next Call. Date
UERL/AIR/RDS/23	Respirable Dust Sampler	2343-DTB-2012 1038-DTC-2012	01/08/2019	31/07/2020
UERL/AIR/FPS/06	Fine Particulate Sampler	270-DTE-2010	01/08/2019	31/07/2020

➤ **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	1.28	1.25	1.26
2.	Volume of Air Sampled for PM ₁₀	m ³	614	600	604
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	96	96	96

➤ **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	63	93	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	221	164	128	171	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	28	25	16	23	80	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	21.8	23.5	16.3	20.5	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	25.4	28.7	18.5	24.2	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:

Arvind
(Chemist)/(Supervisor)
(AAT)

Page No.: 1 of 1

Tested By:

[Signature]
(Chemist) / (Sr. Chemist)
(CNDP)

Authorized By:

[Signature]
(Manager - Operations)

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

MS&P&CC (GSI) Recognized Environmental Laboratory under the EPA 1986 (201 2015 to 2020 2020)

QCNABET Accredited EIA Consultancy Organization

GPCB Recognized Environmental Auditor (Schedule - II)

ONAS 18001:2007 Certified Company

ISO 9001:2015 Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/12/A-SDC009	Report Issue Date:	27/12/2019
Sample ID No.	URA/ID/A-19/12/009	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	21/12/2019	Date of Testing	23/12/2019
Sampling Procedure	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Pachtedi Village Site)		

> **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	1716-DTE-2010 287-DTO-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/08	Fine Particulate Sampler	130-DTL-2012	02/08/2019	01/08/2020

> **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	1.21	1.25
2.	Volume of Air Sampled for PM ₁₀	m ³	595	580	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	96	96	96

> **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	107	83	65	85	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	214	152	88	151	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	24	21	19	21	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	16.7	23.5	14.3	18.1	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	24.6	23.2	17.1	21.6	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:

Amit
(Chemist)/(Supervisor)

(Amit)
Page No.: 1 of 1

Tested By:

Amit
(Chemist) / (Sr. Chemist)

(Amit)

Authorized By:

Harsh
(Manager - Operations)

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

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/12/A-SDC010	Report Issue Date:	27/12/2019
Sample ID No.	URA/ID/A-19/12/010	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	22/12/2019	Date of Testing	24/12/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Loading Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UURL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2019	31/07/2020
UURL/AIR/FPS/07	Fine Particulate Sampler	271-DTE-2010	01/08/2019	31/07/2020

> **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	1.28	1.23	1.26
2.	Volume of Air Sampled for PM ₁₀	m ³	614	590	604
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	96	96	96

> **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	131	87	68	95	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	267	170	102	180	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	29	21	23	24	60	UURL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	13.2	20.7	24.6	19.5	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	29.5	11.4	19.5	20.1	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:

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

Page No.: 1 of 1

Tested By:

Arcel
(Chemist) / (Sr. Chemist)
(A.R.T.)

Authorized By:

Arcel
(Manager - Operations)
(A.R.T.)
UURL/AIR/F-05/03

MoEF&CC (G.O.) Recognized Environmental Laboratory under the EPA-1986/12.01.2015 to 31.01.2020

GCINABE Accredited BA Consultant Organization

CPCB Recognized Environmental Auditor [Schedule II]

QMSAS18001:2007 Certified Company

ISO 9001:2015 Certified Company

**TEST REPORT
(AMBIENT AIR MONITORING)**

Test Report No.	URA/19/12/A-SDC011	Report Issue Date:	27/12/2019
Sample ID No.	URA/ID/A-19/12/011	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	22/12/2019	Date of Testing	24/12/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Mine Haul Road Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERL/AIR/RDS/23	Respirable Dust Sampler	2343-DTB-2012 1038-DTC-2012	01/08/2019	31/07/2020
UERL/AIR/FPS/06	Fine Particulate Sampler	270-DTE-2010	01/08/2019	31/07/2020

> **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	96	96	96

> **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	117	93	75	95	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	267	150	104	174	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	19	24	20	21	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	18.5	21.3	22.8	20.9	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	28.3	24.7	20.4	24.5	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.

Remarks: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specified Norms.

Sampling Done By:

Arvind
(Chemist)/(Supervisor)

(A 27)
Page No.: 1 of 1

Tested By:

Arvind
(Chemist) / (Sr. Chemist)

(A 12 P)

Authorized By:

Arvind
(Manager - Operations)

(A 27)
UERL/AIR/F-05/03

McE&CC [QCI] Recognized Environmental Laboratory under the EPA-1986 (2015 to 31.01.2020)

GCHABE Accredited QA 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/19/12/A-SDC012	Report Issue Date:	27/12/2019
Sample ID No.	URA/IO/A-19/12/012	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	22/12/2019	Date of Testing	24/12/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhar Mines (Pachardi Village Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Caln. Date	Next Caln. Date
UERI/AIR/RDS/01	Respirable Dust Sampler	1716-DTE-2010 287-DTD-2010	01/08/2019	31/07/2020
UERI/AIR/FPS/08	Fine Particulate Sampler	130-DTI-2012	02/08/2019	01/08/2020

> 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	1.23	1.24	1.23
2.	Volume of Air Sampled for PM ₁₀	m ³	590	595	590
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	96	96	96

> 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	98	74	62	78	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	183	137	85	135	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	25	18	16	20	60	UERI/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	17.3	20.5	16.2	18.0	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	24.7	19.1	20.8	21.5	30	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 Specified Norms.

Sampling Done By:

Aradh
(Chemist)/(Supervisor)
(A-1)

Page No.: 1 of 1

Tested By:

Aradh
(Chemist) / (Sr. Chemist)
(A-12 P)

Authorized By:

Aradh
(Manager - Operations)
(A-2, 2, 3)
UERI/AIR/F-05/03

**TEST REPORT
(AMBIENT AIR MONITORING)**

Test Report No.	URA/20/01/A-SDC007	Report Issue Date:	04/02/2020
Sample ID No.	URA/ID/A-20/01/007	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	28/01/2020	Date of Testing	30/01/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Loading Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/07	Fine Particulate Sampler	271-DTE-2010	01/08/2019	31/07/2020

➤ **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	1.25	1.28
2.	Volume of Air Sampled for PM ₁₀	m ³	600	600	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	96	96	96

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

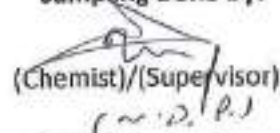
➤ **Test Parameter Results**

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	124	89	74	96	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	271	132	108	170	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	26	25	23	25	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	20.7	24.2	21.6	22.1	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	28.3	20.4	22.3	23.6	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.

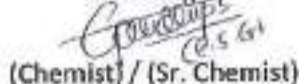
Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specify Norms.

Sampling Done By:

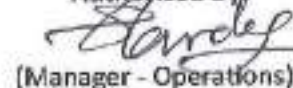

(Chemist)/(Supervisor)
(~.D.P.)

Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

Authorized By:


(Manager - Operations)

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

MeEPLCC (GOI) Recognized Environmental Laboratory under the EPA-1986 (1201 2020 to 24.05.2020)

GOI-NABET Accredited QA Consultant Organization

CPCB Recognized Environmental Auditor (Schedule-II)

OHSA518001:2007 Certified Company

ISO 9001:2015 Certified Company

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/20/01/A-SDC008	Report Issue Date:	04/02/2020
Sample ID No.	URA/ID/A-20/01/008	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	28/01/2020	Date of Testing	30/01/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Mine Haul Road Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Call. Date	Next Call. Date
UERL/AIR/RDS/23	Respirable Dust Sampler	2343-DTB-2012 1038-DTC-2012	01/08/2019	31/07/2020
UERL/AIR/FPS/06	Fine Particulate Sampler	270-DTE-2010	01/08/2019	31/07/2020

> 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	1.22	1.24	1.25
2.	Volume of Air Sampled for PM ₁₀	m ³	585	595	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	96	96	96

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

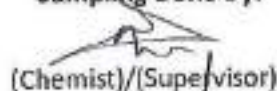
> Test Parameter Results

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	118	96	71	95	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	220	146	132	166	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	29	22	20	24	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	23.1	20.7	18.6	20.8	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	29.3	23.1	22.4	24.9	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)

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/20/01/A-SDC009	Report Issue Date:	04/02/2020
Sample ID No.	URA/ID/A-20/01/009	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	28/01/2020	Date of Testing	30/01/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Pachtedi Village Site)		

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	1716-DTE-2010 287-DTD-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/08	Fine Particulate Sampler	130-DTL-2012	02/08/2019	01/08/2020

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	1.27	1.26
2.	Volume of Air Sampled for PM ₁₀	m ³	600	610	604
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	96	96	96

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	88	69	90	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	263	168	97	176	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	27	25	21	24	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	20.3	22.7	18.5	20.5	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	28.6	25.1	21.4	25.0	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

MOEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to 24.05.2026)

ISO/IEC 17025 Accredited (IA Consultant) Organization

GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001:2015 Certified Company

ISO 14001:2015 Certified Company

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/20/01/A-SDC010	Report Issue Date:	04/02/2020
Sample ID No.	URA/ID/A-20/01/010	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	29/01/2020	Date of Testing	31/01/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Loading Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/07	Fine Particulate Sampler	271-DTE-2010	01/08/2019	31/07/2020

> 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	1.25	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	600	600	895
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	96	96	96

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

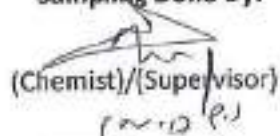
> Test Parameter Results

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	128	90	73	97	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	296	185	117	199	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	32	26	21	26	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	18.3	19.7	25.2	21.0	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	32.7	17.4	23.1	24.4	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.

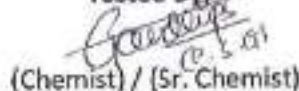
Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specify Norms.

Sampling Done By:

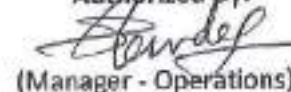

(Chemist)/(Supervisor)
(M.D.P.)

Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

Authorized By:


(Manager - Operations)

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

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/20/01/A-SDC011	Report Issue Date:	04/02/2020
Sample ID No.	URA/ID/A-20/01/011	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	29/01/2020	Date of Testing	31/01/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Mine Haul Road Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/23	Respirable Dust Sampler	2343-DTB-2012 1038-DTC-2012	01/08/2019	31/07/2020
UERL/AIR/FPS/06	Fine Particulate Sampler	270-DTE-2010	01/08/2019	31/07/2020

> 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	1.28	1.26	1.23
2.	Volume of Air Sampled for PM ₁₀	m ³	614	604	590
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	96	96	96

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

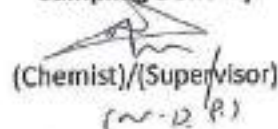
> Test Parameter Results

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	120	89	80	96	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	278	132	121	177	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	28	23	21	24	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	22.9	18.3	25.7	22.3	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	31.4	24.7	21.5	25.8	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.

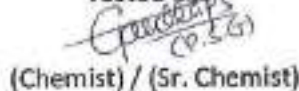
Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specify Norms.

Sampling Done By:

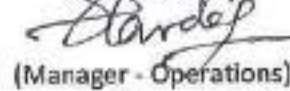

(Chemist)/(Supervisor)
(~12 P)

Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

Authorized By:


(Manager - Operations)

(~12 P)
UERL/AIR/F-05/03

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/20/01/A-SDC012	Report Issue Date:	04/02/2020
Sample ID No.	URA/ID/A-20/01/012	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	29/01/2020	Date of Testing	31/01/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Pachtedi Village Site)		

> **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	1716-DTE-2010 287-DTD-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/08	Fine Particulate Sampler	130-DTL-2012	02/08/2019	01/08/2020

> **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	1.25	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	600	600	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	96	96	96

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

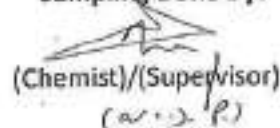
> **Test Parameter Results**

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	107	81	68	85	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	224	150	99	157	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	28	24	22	25	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	24.7	18.6	23.4	22.3	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	28.3	22.4	21.8	24.1	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.

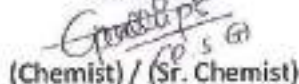
Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specify Norms.

Sampling Done By:

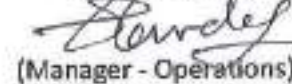

(Chemist)/(Supervisor)
(a.s.p.)

Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

Authorized By:


(Manager - Operations)

(a.s.p.)
UERL/AIR/F-05/03

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/20/02/A-SDC007	Report Issue Date:	22/02/2020
Sample ID No.	URA/ID/A-20/02/007	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	15/02/2020	Date of Testing	17/02/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachmar Mines (Loading Site)		

Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/07	Fine Particulate Sampler	271-DTE-2010	01/08/2019	31/07/2020

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	1.24	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	609	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	96	96	96

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	107	100	87	98	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	310	209	167	343	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	25	22	21	22	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	18.8	20.5	19.3	19.5	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	22.4	24.1	21.6	22.7	80	IS - 5182, Part - 6
6.	Carbon Monoxide	mg/m ³	BDL	BDL	BDL	BDL	1.0	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/20/02/A-SDC008	Report Issue Date:	22/02/2020
Sample ID No.	URA/ID/A-20/02/008	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	15/02/2020	Date of Testing	17/02/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachmar Mines (Mine Haul Road Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RDS/23	Respirable Dust Sampler	2343-DTB-2012 1038-DTC-2012	01/08/2019	31/07/2020
UERL/AIR/FPS/06	Fine Particulate Sampler	270-DTE-2010	01/08/2019	31/07/2020

> 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	1.22	1.21
2.	Volume of Air Sampled for PM ₁₀	m ³	585	595	580
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	96	96	96

> 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	106	90	80	92	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	198	146	129	233	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	32	26	24	27	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	21.7	19.4	20.1	20.4	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	26.2	22.7	25.2	24.7	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-03/03

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/20/02/A-SDC009	Report Issue Date:	22/02/2020
Sample ID No.	URA/10/A-20/02/009	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	15/02/2020	Date of Testing	17/02/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachitar Mines (Pachtedi Village Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1716-DTE-2010 287-DTC-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/08	Fine Particulate Sampler	130-DTL-2012	02/08/2019	01/08/2020

➤ **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	1.22	1.22	1.21
2.	Volume of Air Sampled for PM ₁₀	m ³	585	585	580
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	96	96	96

➤ **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	126	85	74	95	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	244	198	112	184	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	30	28	23	26	60	UERL/AIR/SCF/11
4.	Sulphur Dioxide	µg/m ³	26.2	24.9	20.5	23.6	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	30.2	27.5	23.1	26.9	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:

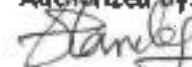

(Chemist)/(Supervisor)
(+2-3 P.P.)

Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

Authorized By:


(Manager - Operations)

(+2-3 P.P.)
UERL/AIR/F-05/03

ISO/IEC 17025:2005 Recognized Environmental Laboratory under the EPA-1986 (2012) 2015 2020

QC-HARSET Accredited BA Consultant Organization

CPCB Recognized Environmental Auditor (Schedule - 1)

ISO 9001:2007 Certified Company

ISO 9001:2015 Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/20/02/A-SDC010	Report Issue Date:	22/02/2020
Sample ID No.	URA/ID/A-20/02/010	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	16/02/2020	Date of Testing	18/02/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Loading Site)		

> **Details of Master Instrument Used for Monitoring:**

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/07	Fine Particulate Sampler	271-DTE-2010	01/08/2019	31/07/2020

> **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	1.25	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	600	600	895
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	96	96	96

> **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	98	85	70	84	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	304	235	156	231	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	27	25	22	24	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	15.5	20.2	17.3	17.6	60	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	21.7	24.7	20.2	22.2	60	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:

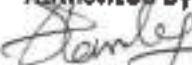

(Chemist)/(Supervisor)
(m-a-p)

Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

Authorized By:


(Manager - Operations)

(2-57)
UERL/AIR-F-05/03

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/20/02/A-SDC011	Report Issue Date:	22/02/2020
Sample ID No.	URA/ND/A-20/02/011	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	16/02/2020	Date of Testing	18/02/2020
Sampling Procedure	CPCB Guideline		
Location of Sampling / Monitoring	Pachhar Mines (Mine Haul Road Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Coll. Date	Next Coll. Date
UERL/AIR/RDS/23	Respirable Dust Sampler	2343-DTB-2012 1039-DTC-2012	01/08/2019	31/07/2020
UERL/AIR/FPS/06	Fine Particulate Sampler	270-DTE-2010	01/08/2019	31/07/2020

> 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	1.28	1.26	1.23
2.	Volume of Air Sampled for PM ₁₀	m ³	614	604	590
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	96	96	96

> 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	83	76	87	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	342	107	98	182	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	31	24	26	27	60	UERL/AIR/SOP/L1
4.	Sulphur Dioxide	µg/m ³	20.5	16.8	22.1	22.3	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	25.2	21.8	17.6	25.8	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 Specified 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

MOEF&CC (Guj) Recognized Environmental
Laboratory under MoEF&CC (12.01.2020 to 24.03.2020)

CCH&BEE Accredited BA
Consulting Organization

CPCB Recognized Environmental
Auditor (Schedule-II)

CRI-4518001:2007
Carbon Complete

ISO 9001:2015
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/20/02/A-SDC012	Report Issue Date:	22/02/2020
Sample ID No.	URA/ID/A-20/02/012	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jainnagar (Gujarat)		
Dates of Sampling	16/02/2020	Date of Testing	18/02/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhtar Mines (Paditedi Village Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Calif. Date	Next Calif. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1716-DTE-2010 287-DTO-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/08	Fine Particulate Sampler	130-DTL-2012	02/08/2019	01/08/2020

> **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	1.25	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	600	600	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	96	96	96

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

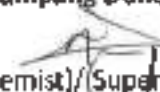
> **Test Parameter Results**

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	110	88	75	91	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	267	162	114	181	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	26	23	19	22	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	22.6	20.4	19.2	22.3	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	25.2	23.1	21.4	23.2	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.

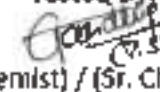
Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specify Norms.

Sampling Done By:

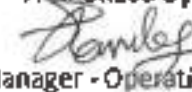

(Chemist)/(Supervisor)

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/20/03/A-SDC007	Report Issue Date:	13/03/2020
Sample ID No.	URA/ID/A-20/03/007	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	05/03/2020	Date of Testing	07/03/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhar Mines (Loading Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/07	Fine Particulate Sampler	271-OTE-2010	01/08/2019	31/07/2020

> 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	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	509	600	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	96	96	96

> 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	97	88	80	88	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	356	278	220	284	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	27	23	19	23	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	16.4	15.1	18.7	16.7	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	19.9	22.6	21.5	21.3	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:

Achil
(Chemist)/(Supervisor)

(Signature)
Page No.: 1 of 1

Tested By:

(Signature)
(Chemist) / (Sr. Chemist)

(Signature)

Authorized By:

(Signature)
(Manager - Operations)

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

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/20/03/A-SDC008	Report Issue Date:	13/03/2020
Sample ID No.	URA/ID/A-20/03/008	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	05/03/2020	Date of Testing	07/03/2020
Sampling Procedure.	CPCB Guideline		
Location of Sampling / Monitoring	Pachitar Mines (Mine Haul Road Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERL/AIR/RDS/23	Respirable Dust Sampler	2343-DTB-2012 1038-DTC-2012	01/08/2019	31/07/2020
UERL/AIR/FPS/05	Fine Particulate Sampler	270-DTE-2010	01/08/2019	31/07/2020

> 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	1.21
2.	Volume of Air Sampled for PM ₁₀	m ³	600	595	580
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	96	96	96

> 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	94	85	78	85	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	245	198	145	196	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	29	25	20	24	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	19.5	21.7	18.5	19.9	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	23.2	19.5	21.0	21.2	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 27)
Page No.: 1 of 1

Tested By:

(Signature)
(Chemist) / (Sr. Chemist)

(A 27 P.3)

Authorized By:

(Signature)
(Manager - Operations)

(A 27)
UERL/AIR/F-05/03

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/20/03/A-SDC009	Report Issue Date:	13/03/2020
Sample ID No.	URA/ID/A-20/03/009	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	05/03/2020	Date of Testing	07/03/2020
Sampling Procedure.	CPCB Guideline		
Location of Sampling / Monitoring	Pachter Mines (Pachterdi Village Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERL/AIR/RDS/01	Respirable Dust Sampler	1716-DYE-2010 287-DTO-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/08	Fine Particulate Sampler	130-DTL-2012	02/08/2019	01/08/2020

> 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	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	609	600	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	96	96	96

> 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	98	91	87	92	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	295	214	234	247	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	32	27	22	27	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	24.1	20.2	18.7	21.0	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	27.2	23.8	20.9	23.9	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:

(Signature)
(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

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/20/03/A-SDC010	Report Issue Date:	13/03/2020
Sample ID No.	URA/ID/A-20/03/010	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	06/03/2020	Date of Testing	08/03/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachmar Mines (Loading Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERRL/AIR/RDS/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2019	31/07/2020
UERRL/AIR/FPS/07	Fine Particulate Sampler	271-DTE-2010	01/08/2019	31/07/2020

➤ **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	1.22	1.22	1.21
2.	Volume of Air Sampled for PM ₁₀	m ³	585	585	580
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	96	96	96

➤ **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	93	89	76	86	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	379	245	205	276	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	28	25	22	25	60	UERRL/AIR/SCF/11
4.	Sulphur Dioxide	µg/m ³	22.6	20.7	19.1	20.8	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	27.2	25.1	23.0	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:

Amit
(Chemist)/(Supervisor)
(Signature)

Page No.: 1 of 1

Tested By:

[Signature]
(Chemist) / (Sr. Chemist)
(Signature)

Authorized By:

[Signature]
(Manager - Operations)
(Signature)
UERRL/AIR/F-05/03

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/20/03/A-SDC011	Report Issue Date:	13/03/2020
Sample ID No.	URA/10/A-20/03/011	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	06/03/2020	Date of Testing	06/03/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachitar Mines (Mine Haul Road Site)		

> Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERL/AIR/RDS/23	Respirable Dust Sampler	2343-DTB-2012 1038-DTC-2012	01/08/2019	31/07/2020
UERL/AIR/FPS/06	Fine Particulate Sampler	270-DTE-2010	01/08/2019	31/07/2020

> 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	1.25	1.21
2.	Volume of Air Sampled for PM ₁₀	m ³	604	600	580
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	96	96	96

> 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	99	92	87	92	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	421	324	147	297	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	33	27	23	27	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	24.2	20.6	17.5	20.7	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	30.8	24.1	22.6	25.8	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:

Arcat
(Chemist)/(Supervisor)

Page No.: 1 of 1

Tested By:

(Signature)
(Chemist) / (Sr. Chemist)

(~ 10.10)

Authorized By:

(Signature)
(Manager - Operations)

(~ 10.10)
UERL/AIR/F-05/03

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/20/03/A-SDC012	Report Issue Date:	13/03/2020
Sample ID No.	URA/ID/A-20/03/012	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	06/03/2020	Date of Testing	09/03/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Pachhar Mines (Pachtedi Village Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Cal. Date	Next Cal. Date
UERI/AIR/RDS/01	Respirable Dust Sampler	1716-DTE-2010 287-DTO-2010	01/08/2019	31/07/2020
UERI/AIR/FPS/DB	Fine Particulate Sampler	130-DTL-2012	02/08/2019	01/08/2020

➤ **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	1.25	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	600	600	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	96	96	96

➤ **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	96	91	83	90	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	331	222	189	248	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	30	26	21	25	60	UERI/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	23.2	18.3	20.8	20.7	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	27.5	21.9	24.3	24.5	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:

Araiel
(Chemist)/(Supervisor)

(Signature)
Page No.: 1 of 1

Tested By:

(Signature)
(Chemist) / (Sr. Chemist)

(Signature)

Authorized By:

(Signature)
(Manager - Operations)

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

AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/10/AM-SDC001	Date Of Report:	06/11/2019
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	Cal. Date	Next Cal. Date
UERR/AIR/SIM/09A	Sound Level Meter	24 DTE 2008	01/08/2019	31/07/2020

1) Gop (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
29/10/2019	Gop Village	57.3	46.5
29/10/2019	Jeehawari Village	61.5	52.7
30/10/2019	Gop Village	52.8	45.2
30/10/2019	Jeehawari Village	58.6	46.8

2) Chorbedi (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
30/10/2019	Chorbedi Village	63.5	51.8
31/10/2019	Chorbedi Village	58.3	45.5

3) Pachhtar (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
30/10/2019	Pachhtar Village	60.2	52.4
31/10/2019	Pachhtar Village	62.5	55.1

Note:

Permissible Limit :

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

Prepared By

Seal

Page 1 of 1

Authorized By

Signature

UERR/AIR/F-18/01

WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/10/WH-SOC001	Date Of Report:	06/11/2019
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	Call. Date	Next Call. Date
UERL/AIR/SLM/09A	Sound Level Meter	24 DTE 2008	01/08/2019	31/07/2020

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.
29/10/2019	Dozer D8 - N (CAT)	86.5	81.8	73.2
29/10/2019	Hyundai - 140 (LC - 9)	88.7	82.3	72.5
29/10/2019	D.G. Set (ASKA - NLM - 9)	88.2	81.5	72.8

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.
30/10/2019	Dozer D8 - R	88.1	81.6	73.4
	Dozer D 355	87.6	82.2	73.7
30/10/2019	Hyundai - 140 Excavator	86.9	83.8	72.5
30/10/2019	Tata - 200 Excavator	88.3	82.1	73.6
30/10/2019	Tata - 200 Bracker	89.6	82.7	73.2

Note:

Permissible Limit :

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

Prepared By

Arvind

Page 1 of 1

Authorized By

Hardeep

UERL/AIR/F-20/01

AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/11/AN-SDC001	Date Of Report:	29/11/2019
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/09A	Sound Level Meter	24 DTE 2008	01/08/2019	31/07/2020

1) Gop (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level - dB (A)	
		Day Time	Night Time
26/11/2019	Gop Village	55.6	48.5
26/11/2019	Jeenawari Village	62.5	50.5
27/11/2019	Gop Village	53.8	47.2
27/11/2019	Jeenawari Village	55.1	48.3

2) Chorbedi (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level - dB (A)	
		Day Time	Night Time
26/11/2019	Chorbedi Village	58.5	48.7
27/11/2019	Chorbedi Village	55.4	47.1

3) Pachhtar (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level - dB (A)	
		Day Time	Night Time
26/11/2019	Pachhtar Village	56.5	48.9
27/11/2019	Pachhtar Village	58.3	47.3

Note:

Permissible Limit :

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

Prepared By

Asad

Page 1 of 1

Authorized By

Shardul

UERL/AIR/F-18/01

WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/11/WN-SDC001	Date Of Report:	29/11/2019
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/09A	Sound Level Meter	24 DTE 2008	01/08/2019	31/07/2020

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.
25/11/2019	Dozer D8 - N (CAT)	88.2	82.4	74.5
25/11/2019	Hyundai - 140 (LC - 9)	89.1	82.7	73.8
25/11/2019	D.G. Set (ASKA - NLM - 9)	89.6	82.8	73.5

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.
26/11/2019	Dozer D8 - R	89.5	83.7	73.9
	Dozer D 355	88.6	84.1	74.2
26/11/2019	Hyundai - 140 Excavator	87.5	84.3	73.8
26/11/2019	Tata - 200 Excavator	89.1	83.8	74.1
26/11/2019	Tata - 200 Bracker	89.3	83.6	74.5

Note:

Permissible Limit :

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

Prepared By

Asad

Page 1 of 1

Authorized By

Howard

UERL/AIR/F-20/01

AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/12/AN-SDC001	Date Of Report:	27/12/2019
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	Cal. Date	Next Cal. Date
UERL/AIR/SUM/09A	Sound Level Meter	24 DTE 2008	01/08/2019	31/07/2020

1) Gop (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level - dB (A)	
		Day Time	Night Time
20/12/2019	Gop Village	58.4	50.8
20/12/2019	Jeenawari Village	63.7	54.3
21/12/2019	Gop Village	57.3	52.6
21/12/2019	Jeenawari Village	60.4	55.5

2) Chorbedi (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level - dB (A)	
		Day Time	Night Time
20/12/2019	Chorbedi Village	62.3	54.7
21/12/2019	Chorbedi Village	59.5	51.2

3) Pachhtar (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level - dB (A)	
		Day Time	Night Time
21/12/2019	Pachhtar Village	55.2	45.6
22/12/2019	Pachhtar Village	58.7	48.5

Note:

Permissible Limit:

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

Prepared By

Aceel

Page 1 of 1

Authorized By

Harvey

UERL/AIR/F-18/01

WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/12/WH-SDC001	Date Of Report.	27/12/2019
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	Cal. Date	Next Cal. Date
UERL/AIR/SLM/D9A	Sound Level Meter	24 DTE 2008	01/08/2019	31/07/2020

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.
20/12/2019	Dozer D8 - N (CAT)	89.2	83.4	74.9
20/12/2019	Hyundai - 140 (LC - 9)	89.5	83.1	74.5
20/12/2019	D.G. Set (ASKA - NLM - 9)	88.8	82.5	73.2

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.
21/12/2019	Dozer D8 - R	88.9	83.2	73.5
	Dozer D 355	88.5	83.8	73.9
21/12/2019	Hyundai - 140 Excavator	88.1	89.0	74.1
21/12/2019	Tata - 200 Excavator	89.4	84.6	74.4
21/12/2019	Tata - 200 Bracker	89.5	84.2	74.2

Note:

Permissible Limit:

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

Prepared By

Seal

Page 1 of 1

Authorized By

Seal

UERL/AIR/F-20/01

AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/20/01/AN-SDC001	Date Of Report:	04/02/2020
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/09A	Sound Level Meter	24 DTE 2008	01/08/2019	31/07/2020

1) Gop (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
27/01/2020	Gop Village	61.3	53.7
27/01/2020	Jeenawari Village	62.8	51.2
28/01/2020	Gop Village	59.5	52.5
28/01/2020	Jeenawari Village	63.4	56.8

2) Chorbedi (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
27/01/2020	Chorbedi Village	60.5	51.8
28/01/2020	Chorbedi Village	62.8	54.2

3) Pachhtar (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
28/01/2020	Pachhtar Village	57.2	47.5
29/01/2020	Pachhtar Village	59.5	48.7

Note:

Permissible Limit:

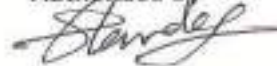
Day Time: 75> dB (A) Night Time: 70> dB (A)

Prepared By



Page 1 of 1

Authorized By



UERL/AIR/F-18/01

WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/20/01/WN-SDC001	Date Of Report:	04/02/2020
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/09A	Sound Level Meter	24 DTE 2008	01/08/2019	31/07/2020

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.
27/01/2020	Dozer D8 - N (CAT)	89.6	83.9	74.2
27/01/2020	Hyundai - 140 (LC - 9)	89.2	83.5	74.6
27/01/2020	Tata - 200 Bracker	89.3	83.8	73.5

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.
28/01/2020	Dozer D - 8R	89.2	83.0	73.9
28/01/2020	Hyndai - 140 Excavator	88.2	84.3	73.8
28/01/2020	Tata - 200 Excavator	89.0	84.1	74.2
28/01/2020	Mini D.G. (NLT - 9)	89.0	82.8	73.7

Note:

Permissible Limit:

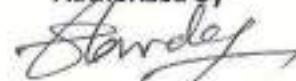
TWA (Time Weighted Average) 8 Hrs: 90 dB (A)

Prepared By



Page 1 of 1

Authorized By



UERL/AIR/F-20/01

AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/20/02/AN-SDC001	Date Of Report:	22/02/2020
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	Call Date	Next Call Date
UURL/AIR/SLM/09A	Sound Level Meter	24 DTE 2008	01/08/2019	31/07/2020

1) Gop (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level - dB (A)	
		Day Time	Night Time
14/02/2020	Gop Village	57.3	48.7
14/02/2020	Jeanawari Village	63.7	53.2
15/02/2020	Gop Village	61.5	50.4
15/02/2020	Jeanawari Village	60.2	52.5

2) Chorbedi (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level - dB (A)	
		Day Time	Night Time
14/02/2020	Chorbedi Village	63.6	55.3
15/02/2020	Chorbedi Village	61.5	51.6

3) Pachhtar (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level - dB (A)	
		Day Time	Night Time
15/02/2020	Pachhtar Village	62.8	53.5
16/02/2020	Pachhtar Village	60.3	50.3

Note:

Permissible Limit:

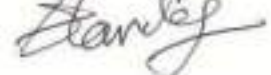
Day Time: 75> dB (A) Night Time: 70> dB (A)

Prepared By



Page 1 of 1

Authorized By



UURL/AIR/F-18/01

ISO 14001 (GD) Recognized Environmental
Laboratory under the ISO-17025 (12/01/2020 to 24/06/2020)

GCMAEAI Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001:2007
Certified Company

ISO 9001:2015
Certified Company

WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/20/02/WN-SDC001	Date Of Report:	22/02/2020
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	Cal. Date	Next Cal. Date
UERL/AIR/SLM/09A	Sound Level Meter	24 DTE 2008	01/06/2019	31/07/2020

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.
14/02/2020	Dozer D8 - N (CAT)	89.2	84.2	73.8
14/02/2020	Hyundai - 140 (LC - 9)	89.3	83.9	74.2
14/02/2020	Tata - 200 Bracker	88.8	82.7	74.1

3) Pachitar (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.
15/02/2020	Dozer D - 8R	89.8	83.5	74.5
15/02/2020	Hyundai - 140 Excavator	89.1	84.0	73.2
15/02/2020	Tata - 200 Excavator	89.4	84.4	73.8
15/02/2020	Mini D.G. (NLT - 9)	89.3	83.7	74.1

Note:

Permissible Limit:

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

Prepared By



Page 1 of 1

Authorized By



UERL/AIR/F-20/01

AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/20/03/AN-SOC001	Date Of Report:	12/03/2020
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/SUM/09A	Sound Level Meter	24 DTE 2008	01/08/2019	31/07/2020

1) Gop (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
04/03/2020	Gop Village	58.5	45.7
04/03/2020	Jeenawari Village	65.2	54.0
05/03/2020	Gop Village	59.6	48.9
05/03/2020	Jeenawari Village	62.8	51.5

2) Chorbedi (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
04/03/2020	Chorbedi Village	60.8	52.5
05/03/2020	Chorbedi Village	62.3	53.1

3) Pachhtar (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level – dB (A)	
		Day Time	Night Time
05/03/2020	Pachhtar Village	58.6	50.3
06/03/2020	Pachhtar Village	63.5	54.8

Note:

Permissible Limit:

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

Prepared By

Asad

Page 1 of 1

Authorized By

Asad

UERL/AIR/F-18/01

WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/20/03/WH-SDC001	Date Of Report:	13/03/2020
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	Cal. Date	Next Cal. Date
UERL/AIR/SLM/09A	Sound Level Meter	24 DTE 2008	01/06/2019	31/07/2020

1) God (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.
04/03/2020	Dozer D8 - N (CAT)	89.0	83.7	73.5
04/03/2020	Hydral - 140 (LC - 9)	88.9	83.4	74.0
04/03/2020	Tata - 200 Bracker	89.2	83.1	74.3

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.
05/03/2020	Dozer D - 8R	89.5	83.2	74.1
05/03/2020	Hydral - 140 Excavator	88.7	83.6	72.8
05/03/2020	Tata - 200 Excavator	89.1	84.3	74.2
05/03/2020	Mini D.G. (MLT - 9)	88.8	84.0	73.7

Note:

Permissible Limit:

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

Prepared By

Acil

Page 1 of 1

Authorized By

Harvey

UERL/AIR/F-20/01



Annexure D

PACHHTAR (COMPOSITE) LIMESTONE MINES

YEARLY EXPENDITURE STATEMENT

FOR ENVIRONMENT MANAGEMENT

For the Period of 2019-20

S. No.	WORK	Expenditure in Rs		Grand Total
		From April 19 to Sep 19	From October 19 to March 20	
1	Ambient Air & Noise Monitoring	32400	62100	94500
2	Water Sprinkling on haul roads	137200	134800	272000
3	Purchasing of Sapling	3520	0	3520
4	Purchasing of Soil	4000	0	4000
5	Recurring Expenses for Security and Maintenance of Plantation	118809	85320	204129
	Total	295929	282220	578149

Signature

Anil Kumar Nigam

Sr. General Manager - Mines

**SHREE DIGVIJAY
CEMENT CO. LTD.**

Registered Office & Works
Post- Digvijaygram 361140, Jamnagar,
Gujarat, India.
CIN L26940GJ1944PLC000749

+91 288 234 4272-75
+91 288 234 4092
info@digvijaycement.com
www.digvijaycement.com