



By Email

CHO/MoEF/HYC/A/302/2037

Date- 26.05.2020

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 (MP)

Subject: Submission of 6 Monthly Compliance Report of the conditions as laid down in the Environmental Clearance letter No J-11015/47/2005-IA.II (M), dated 07/10/2005, in respect of **Chorbedi (Composite) Limestone Mines**, pertaining to Shree Digvijay Cement Co Ltd for the Period of **October 19 to March 20**.

Respected Sir/Madam,

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

1. Consolidated Consents & Authorisation has been obtaining from GPCB, Gandhinagar, Vide Order No. PC/CCA-JMN-49/ID30233/79664 dated 7 May 2011 consent order No. AWH-77637 dated 29.03.2016 valid upto 22.03.2021.
2. Pointwise compliance status to various stipulations, as laid-down in Environmental Clearance letter No. J-11015/47/2005-IA.II (M), dated 07/10/2005 with supporting documents, is enclosed with the following Annexure:-

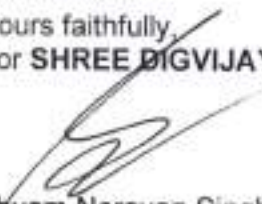
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|----|--|---|------------|
| a. | Environment Statement in Form V for the year 2019-20 | : | Annexure A |
| b. | Ambient Air Quality Reports | : | Annexure B |
| c. | Noise Level | : | Annexure C |
| d. | Environment Yearly Expenses Statement | : |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

We hope that you will find the above submission in order

Thanking you,

Yours faithfully,

For **SHREE DIGVIJAY CEMENT CO. LTD.**


Shyam Narayan Singh
Manager (Mines)

Copy To:

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

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

S. NO.	CONDITIONS	COMPLIANCE STATUS																												
A.	Specific Conditions																													
(i)	The production capacity from this mine shall not exceed 0.9 MTPA with a capping of production of limestone to a capacity of 2.2 MTPA from all 5 Mines, namely Gop, Pachhtar, Mokhana, Chorbedi and Bhogat Limestone mines put together subject to the individual mines obtaining environmental clearance.	Production during Oct-19 to March-20 is 159260.92 MT from Chorbedi (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>Within the EC limit – Yes/No</th></tr><tr><td>Gop</td><td>0.25</td><td>0.00</td><td>No production</td></tr><tr><td>Pachhtar</td><td>1.00</td><td>0.267</td><td>Yes</td></tr><tr><td>Chorbedi</td><td>0.90</td><td>0.159</td><td>Yes</td></tr><tr><td>Mokhana</td><td>0.70</td><td>0.00</td><td>NA</td></tr><tr><td>Bhogat</td><td>EC not granted</td><td>0.00</td><td></td></tr><tr><td>Total</td><td></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	Within the EC limit – Yes/No	Gop	0.25	0.00	No production	Pachhtar	1.00	0.267	Yes	Chorbedi	0.90	0.159	Yes	Mokhana	0.70	0.00	NA	Bhogat	EC not granted	0.00		Total		0.426	
Name of Mine	EC Capacity in Million Tons	Production in Million Tons	Within the EC limit – Yes/No																											
Gop	0.25	0.00	No production																											
Pachhtar	1.00	0.267	Yes																											
Chorbedi	0.90	0.159	Yes																											
Mokhana	0.70	0.00	NA																											
Bhogat	EC not granted	0.00																												
Total		0.426																												
(ii)	No mining shall be undertaken in forest land for which forestry clearance has not been obtained.	No Forestry Clearance given for 220.84 Hectares Forest land and possession handed over to Forest Department since 24.09.2004. No Mining is undertaken within the Forest Area since then.																												
(iii)	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 desilted and maintained properly. Garland drain (size, gradient & length) shall be constructed for both mine pit and for the waste dump. Sump capacity	Construction of Garland Drains: For Waste Dump: Not applicable as there is no waste. For Mines: The mining is being done in slope and bottom of the hilly area following limestone deposits. Water flowing downwards from catchment is trapped into Mine Pits through water channels (Drains). The details are given in Annexure 1, vide our letter no Cho/MoEF/HYC/A/302/1985, Email dated 20.03.2020. Pits and Drains are marked in Surface Plan and																												

S. NO.	CONDITIONS	COMPLIANCE STATUS																
	should be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper setting of silt material. Sedimentation pits should be constructed at the corners of the garland drains.	submitted vide our letter no Cho/MoEF/HYC/A/302/1985, Email dated 20.03.2020 to your kind office as Annexure 2. Size of the Sump (Pit) is capable to receive and store 803900.00 Ltrs 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.																
																		
(iv)	Drills should be wet operated or with dust extractors.	Drill machines are not in operation.																
(v)	Controlled blasting should be practiced and only between 12 Noon and 2 PM. 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 covering 20.95 ha, which includes a green belt of adequate width around the ML area, along roads by planting suitable native species in consultation with the local DFO/Agricultural Department. The density of trees should be around 1000 plants per hectare.	Plantation as per EC condition is under progress & required area will be afforested during life of mine. At present plantation area is 6.15 hectares at the end of March 2020. 0.80 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><tr><th>Year Nos. of</th><th>Proposed Plantation</th><th>Nos of Saplings planted</th><th>Area (in Ha)</th></tr><tr><td>Upto 2018-19</td><td>3000</td><td>5880</td><td>5.35</td></tr><tr><td>2019-20</td><td>800</td><td>1100</td><td>0.80</td></tr><tr><td>Total</td><td>3800</td><td>6980</td><td>6.15</td></tr></table> The species are selected as per recommendations of the Social Forestry division of the Forest Department at Taluka Lalpur, District Jamnagar. Saplings are also purchased from their Nursery. A time targeted action plan for development of greenbelt over the next 10 years is being submitted as Annexure 3 vide our letter no Cho/MoEF/HYC/A/302/1985, Email	Year Nos. of	Proposed Plantation	Nos of Saplings planted	Area (in Ha)	Upto 2018-19	3000	5880	5.35	2019-20	800	1100	0.80	Total	3800	6980	6.15
Year Nos. of	Proposed Plantation	Nos of Saplings planted	Area (in Ha)															
Upto 2018-19	3000	5880	5.35															
2019-20	800	1100	0.80															
Total	3800	6980	6.15															

S. NO.	CONDITIONS	COMPLIANCE STATUS
		dated 20.03.2020. The status of the said action plan shall be reported in the six-monthly compliance reports to be furnished to MOEFCC, RO Bhopal with percentage survival rate.
	 	
(vii)	A water reservoir of 6 ha shall be created from the deeper section of worked out pit. The higher benches of the void shall be terraced and plantation done to stabilize the slopes. Peripheral fencing shall be done alongwith excavated area.	A water reservoir of 6 ha. (Size – 400m X 150m) is created from the deeper section of worked out pit which helps in recharging ground water in the area. Terracing of Benches is being done. Planation at bench and fencing shall be created around the reservoir on maturity of mining operations; during final closure of the mining in 2033.
	 	
(viii)	Ground water shall not be encountered during mining operations. Prior approval of the MOEF and CGWA shall be taken for mining below ground water.	Ground Water is not encountered during mining operations. The Limestone thickness in the area is 4-10 mtrs from GL, whereas the Water table lies about 12-20 mtrs BGL so there is no possibility of working below Ground 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 study from reputed consultant and ex Director of CGWB is carried out for systematic Rain Water Harvesting in Chorbedi Mines. The report with proposals is submitted to Regional Office, CGWB, Ahmedabad along with application for Ground Water abstraction. As per proposal old mine pits are created which serves as recharge ponds. Additionally Circular pits in plantation area are also being made. Artificial Recharge structure at proposed Mines Office shall also be taken up once approval from CGWB, Ahmedabad is granted.

S. NO.	CONDITIONS	COMPLIANCE STATUS										
(ii)	No change in the calendar plan including excavation, quantum of limestone and waste should be made.	No change is made in the calendar plans including excavations, quantum of Limestone and waste. <table><tr><th>Year</th><th>Mineral</th><th>Proposed Production as per approved Mining Plan in MT</th><th>Actual Production in MT</th><th>Remarks</th></tr><tr><td>2019-20</td><td>Limestone</td><td>400000</td><td>312911.79</td><td></td></tr></table>	Year	Mineral	Proposed Production as per approved Mining Plan in MT	Actual Production in MT	Remarks	2019-20	Limestone	400000	312911.79	
Year	Mineral	Proposed Production as per approved Mining Plan in MT	Actual Production in MT	Remarks								
2019-20	Limestone	400000	312911.79									
(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.)	Noted. Monitoring of Ambient Air Quality and Noise is being done on monthly basis by the Unistar Environment & Research Labs Pvt Ltd, a recognized Environmental laboratory under the EPA-1986. A copy of test report for the period of October 19 to March-20 is being attached for your kind reference as Annexure B, wherein parameters of PM10 are also within prescribed limit.										
(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 areas is being practiced.										
(v)	Adequate measures should be taken for control of noise levels in the work environment.	Regularly monitoring the noise level being done by a NABL accredited Lab. Data of Noise level is given below Copy 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 Corgo, 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										

S. NO.	CONDITIONS	COMPLIANCE STATUS																					
		Examination is being carried out for following parameters as per Form O under rule 29 B of Mines Rules 1955 for all employees General Development: Height, Weight, Eye, Ears, Respiratory System, Circulatory System, Nervous System, Locomotor System, Hydrocele Any other abnormality. Urine, Skiagram of Chest, Cardiological Assessment, Neurological Assessment, ILO-Chest Radiograph, Spirometry, Audiometry, Pathological Test (Blood Sugar – Fasting & Post Prandial) So far not a single case is detected for dust borne disease.																					
(viii)	The funds earmarked For environmental protection measures should be kept in 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 6 years Recurring yearly data is as under: <table border="1"> <thead> <tr> <th>S.No.</th><th>Year</th><th>Recurring Yearly Expenditure</th></tr> </thead> <tbody> <tr> <td>1</td><td>2013-14</td><td>303784</td></tr> <tr> <td>2</td><td>2014-15</td><td>340882</td></tr> <tr> <td>3</td><td>2015-16</td><td>356060</td></tr> <tr> <td>4</td><td>2016-17</td><td>311700</td></tr> <tr> <td>5</td><td>2017-18</td><td>437775</td></tr> <tr> <td>6</td><td>2018-19</td><td>472097</td></tr> </tbody> </table> Expenditure for environmental protection measures for the period is enclosed as Annexure D.	S.No.	Year	Recurring Yearly Expenditure	1	2013-14	303784	2	2014-15	340882	3	2015-16	356060	4	2016-17	311700	5	2017-18	437775	6	2018-19	472097
S.No.	Year	Recurring Yearly Expenditure																					
1	2013-14	303784																					
2	2014-15	340882																					
3	2015-16	356060																					
4	2016-17	311700																					
5	2017-18	437775																					
6	2018-19	472097																					
(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	SPCB displayed the copy of EC as per procedure.																					

S. NO.	CONDITIONS	COMPLIANCE STATUS
	the same to anyone requesting for the same.	
(xii)	The project authorities should advertise in at least 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 of 2019-20

PART - A

- | | |
|---|--|
| 1. Name & Address of the Owner/
Occupier of the Industry
Operation or process | Shree Digvijay Cement Co. Ltd.
Chorbedi (Composite) Limestone Mine
Survey No.1, Village-Chorbedi
Taluka- Lalpur, Distt. - Jamnagar
(Gujarat) |
| 2. Industry Category :
Primary: (STC Code)
Secondary: (SIC Code) | Mining Industry |
| 3. Production Capacity : | 0.9 Million TPA |
| 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)	: 2.00 KL
Dust Suppression	: 3.90 KL
Plantation	: 0.53 KL

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

	Name of products	Process water consumption per unit of product	
		During the previous year	During 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 the previous year	During the current Year
1.	Explosives	Limestone	0	0
2.	Ammonium nitrate		0	0
3.	Detonating Fuse		0	0
4.	Safety Fuse		0	0
5.	Detonator		0	0
6.	Cord Relays		0	0
7.	HSD - L/ Ton		140770 L/0.46	111670 L/0.36
10.	Lubricant oil - L/ Ton		2368 L/0.008	2040 L/0.007
11.	Grease - Kg/Ton		558 Kg/0.002	519 Kg/0.002

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 the previous year	During the current Year
(a)	From Process (Used Oil from Machines)	0.110 KL	0.120 KL
(b)	From pollution control facilities	NA	NA

PART - E

(Solid Wastes)

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

PART - F

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

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

1. Mining is being done by Eco-friendly Dozer-Ripper.
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 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: Shyam Narayan Singh

Designation: Manager (Mines)

Address: Gop Mines Colony, Moti
Gop, Distt. - Jamnagar -
Gujarat

**TEST REPORT
(AMBIENT AIR MONITORING)**

Test Report No.	URA/19/10/A-SDC001	Report Issue Date:	06/11/2019
Sample ID No.	URA/10/A-19/10/001	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	29/10/2019	Date of Testing	31/10/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi Mines (Near Chorbedi Mines - 1)		

➤ **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	1.23	1.25	1.28
2.	Volume of Air Sampled for PM ₁₀	m ³	590	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	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	82	67	53	67	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	209	115	98	141	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	23	19	13	18	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	16.8	9.3	14.7	13.6	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	22.5	15.6	11.2	16.4	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:

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

Page No.: 1 of 1

Tested By:

Seal
(Chemist) / (Sr. Chemist)
(A. S. T.)

Authorized By:

Seal
(Manager - Operations)
(A. S. T.)

UERL/AIR/F-05/03

MAEF&CC (2011) Recognized Environmental
Laboratory under the EPA, 1986 (2015 to 1.01.2020)

QC-NABSE Accredited
Consultant Organization

CPCB Registered Environmental
Auditor (12th Feb 2019)

ISO 9001:2015
Certified Company

ISO 14001:2015
Certified Company

TEST REPORT

(AMBIENT AIR MONITORING)

Test Report No.	URA/19/10/A-SDC002	Report Issue Date:	06/11/2019
Sample ID No.	URA/10/A-19/10/002	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	29/10/2019	Date of Testing	31/10/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi 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/23	Respirable Dust Sampler	2343-DTB-2012 1038-DTC-2012	01/08/2019	31/07/2020
UERL/AIR/FP5/06	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	1.24	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	600	595	595
3.	Volume of Air Sampled for PM _{2.5} (24 Hrs.)	m ³	24.04		
4.	Flow Rate for Gas	L/min	0.2	0.2	0.2
5.	Volume of Air Sample for Gas	L	288	288	288

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

Test Parameter Results

Sr. No.	Test Parameter	Unit	8 Hours Monitoring Result			Average (24 Hours)	Specific Value	Test Method
			1 st	2 nd	3 rd			
1.	PM ₁₀	µg/m ³	97	74	68	80	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	189	142	103	145	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	24	18	15	19	60	UERL/AIR/SOP/12
4.	Sulphur Dioxide	µg/m ³	18.3	12.7	13.2	14.7	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	23.7	17.5	19.5	20.2	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 MAACMS (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specify Norms.

Sampling Done By:


(Chemist)/(Supervisor)

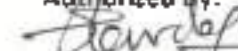
(A-21)
Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

(A-21)

Authorized By:


(Manager - Operations)

(A-21)
UERL/AIR/F-05/03

TEST REPORT

(AMBIENT AIR MONITORING)

Test Report No.	URA/19/10/A-SQC003	Report Issue Date:	06/11/2019
Sample ID No.	URA/10/A-19/10/003	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	Chorbedi Mines (Near Chorbedi Mines - 1)		

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	1.28	1.30	1.27
2.	Volume of Air Sampled for PM ₁₀	m ³	614	624	610
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	93	95	82	90	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	275	166	132	191	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	21	24	19	21	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	15.7	21.4	16.2	17.7	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	22.5	17.3	20.6	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:

Scail
(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/19/10/A-SDC004	Report Issue Date:	06/11/2019
Sample ID No.	URA/10/A-19/10/004	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	Charbedi Mines (Loading Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/AD5/23	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.	1.23	1.22	1.25
2.	Volume of Air Sampled for PM ₁₀	m ³	590	585	600
3.	Volume of Air Sampled for PM _{2.5} (24 Hrs.)	m ³	24.04		
4.	Flow Rate for Gas	L/min	0.2	0.2	0.2
5.	Volume of Air Sample for Gas	L	288	288	288

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

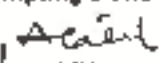
➤ **Test Parameter Results**

Sr. No.	Test Parameter	Unit	8 Hours Monitoring Result			Average (24 Hours)	Specific Value	Test Method
			1 st	2 nd	3 rd			
1.	PM ₁₀	µg/m ³	115	86	65	89	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	251	185	126	187	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	27	20	14	20	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	19.3	10.5	15.7	15.1	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	26.6	18.2	21.3	22.0	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.

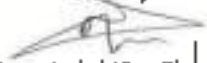
Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specified Norms.

Sampling Done By:


(Chemist)/(Supervisor)

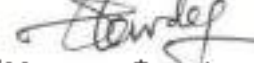
(A.T.)
Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

(C.A.P.)

Authorized By:


(Manager - Operations)

(C.A.P.)
UERL/AIR/F-05/03

**TEST REPORT
(AMBIENT AIR MONITORING)**

Test Report No.	URA/19/11/A-SDC001	Report Issue Date:	29/11/2019
Sample ID No.	URA/ID/A-19/11/001	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	25/11/2019	Date of Testing	27/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi Mines (Near Chorbedi Mines - 1)		

➤ **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	1.25
2.	Volume of Air Sampled for PM ₁₀	m ³	600	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	94	75	60	76	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	284	140	72	165	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	28	20	12	20	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	11.5	14.2	10.7	12.1	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	20.6	24	13.5	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)
(A. A. I.)

Page No.: 1 of 1

Tested By:

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

Authorized By:

(Signature)
(Manager - Operations)

(7.2.1)
UERL/AIR/F-05/03

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/19/11/A-SDC002	Report Issue Date:	29/11/2019
Sample ID No.	URA/ID/A-19/11/002	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	25/11/2019	Date of Testing	27/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi 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/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	1.25	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	94	70	91	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	210	180	90	160	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	27	21	14	21	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	15.4	21.5	14.7	17.2	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	21.2	23.6	18.4	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:

(Signature)
(Chemist)/(Supervisor)
(C.A.K.)

Page No.: 1 of 1

Tested By:

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

Authorized By:

(Signature)
(Manager - Operations)

(7-5-1)
UERL/AIR/F-05/03

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/19/11/A-SDC003	Report Issue Date:	29/11/2019
Sample ID No.	URA/ID/A-19/11/003	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	26/11/2019	Date of Testing	27/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi Mines (Near Chorbedi Mines - 1)		

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	610
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	95	70	95	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	290	184	110	195	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	28	20	16	21	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	12.8	23.6	17.5	18.0	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	23.2	26.8	18.5	22.8	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:

A. Patel
(Chemist)/(Supervisor)

(A 21)
Page No.: 1 of 1

Tested By:

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

Authorized By:

H. Patel
(Manager - Operations)

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UERL/AIR/F-05/03

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/19/11/A-SDC004	Report Issue Date:	29/11/2019
Sample ID No.	URA/ID/A-19/11/004	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	26/11/2019	Date of Testing	27/11/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi 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/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	1.23	1.22	1.25
2.	Volume of Air Sampled for PM ₁₀	m ³	590	585	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	115	86	65	89	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	251	185	126	187	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	27	20	14	20	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	19.3	10.5	15.7	15.2	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	26.6	18.2	21.3	22.0	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:

A. A. I.
(Chemist)/(Supervisor)
(A. A. I.)

Page No.: 1 of 1

Tested By:

C. P. S. G.
(Chemist) / (Sr. Chemist)

Authorized By:

S. S. S.
(Manager - Operations)

(C-21)
UERL/AIR/F-05/03

ISO 9001:2015 Accredited Environmental
Testing Laboratory (PPA-498) 2015 to 11.01.2020

ISO 14001:2015 Accredited EA
Consultant Organization

ISO 14001:2015 Accredited Environmental
Auditor (S.No. 14001-11)

ISO 14001:2015
Certified Company

ISO 9001:2015
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/12/A-SDC001	Report Issue Date:	27/12/2019
Sample ID No.	URA/10/A-19/12/001	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	20/12/2019	Date of Testing	23/12/2019
Sampling Procedure	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi Mines (Near Chorbedi Mines - 1)		

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	2/1-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 PMA ₁₀	m ³ /min	1.23	1.28	1.26
2.	Volume of Air Sampled for PM ₁₀	m ³	590	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	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	76	62	79	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	302	168	85	185	..	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	26	18	15	19	60	UERL/AIR/SCP/11
4.	Sulphur Dioxide	µg/m ³	14.3	10.2	14.8	13.1	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	24.7	27.4	8.5	20.2	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)

Page No.: 1 of 1

Tested By:

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

Authorized By:

(Signature)
(Manager - Operations)

UERL/AIR/F-05/03

MOEF&CC, G.O. No. 188/2019, Environment
Technology under the EPA 1986/2019, 20. 5.19.19, 19.12.2019

CPCB, G.O. No. 188/2019, Environment
Technology under the EPA 1986/2019, 20. 5.19.19, 19.12.2019

CPCB, G.O. No. 188/2019, Environment
Technology under the EPA 1986/2019, 20. 5.19.19, 19.12.2019

ISO 15189:2013
Certified Company

ISO 15189:2013
Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/12/A-SDC002	Report Issue Date:	27/12/2019
Sample ID No.	URA/ID/A-19/12/002	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	20/12/2019	Date of Testing	23/12/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi Mines (Loading Site)		

Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
RIERI/AIR/ADS/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	1.27
2.	Volume of Air Sampled for PM ₁₀	m ³	604	600	610
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	85	67	85	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	248	122	90	155	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	25	22	19	22	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	19.3	18.5	12.7	16.8	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	26.7	21.5	15.4	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 NAAQM5 (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specify Norms.

Sampling Done By:

Tested By:

Authorized By:

Sail
(Chemist)/(Supervisor)

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

[Signature]
(Manager Operations)

(A. 2. 3)
Page No.: 1 of 1

(A. 2. 3)

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

ISO 9001:2015 Certified Environmental Laboratory under the EPA (1986) Act, 1986 to 11th, 2019

ISO 14001:2015 Accredited Environmental Management System Organization

CPCB Registered Environmental Auditor (Schedule 1, 2 & 3)

ISO 18001:2015 Certified Company

ISO 45001:2018 Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/19/12/A-SDC003	Report Issue Date:	27/12/2019
Sample ID No.	URA/19/A-19/12/003	Work Order No.	4500047141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijay Cement - 361140, Jamnagar (Gujarat)		
Dates of Sampling	21/12/2019	Date of Testing	23/12/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi Mines (Near Chorbedi Mines - 1)		

➤ **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	1.29	1.26
2.	Volume of Air Sampled for PM ₁₀	m ³	600	619	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

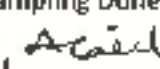
➤ **Environmental Conditions during testing:** Temp.: 25 ± 5 °C. Relative Humidity: 40 to 50%

➤ **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	113	90	74	92	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	276	154	121	184	..	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	27	16	12	18	60	UERL/AIR/SDP/11
4.	Sulphur Dioxide	µg/m ³	18.5	20.7	16.7	18.5	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	20.3	25.5	12.5	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:

(Chemist)/(Supervisor)
(027)
Page No.: 1 of 1

Tested By:

(Chemist) / (Sr. Chemist)
(0212 P)

Authorized By:

(Manager - Operations)
(0277)
UERL/AIR/F-05/03

NABL Accredited for Environmental Laboratory under the ISO 17025:2017 (Part 1) & 17025:2017 (Part 2)

NABL Accredited for Environmental Laboratory under the ISO 17025:2017 (Part 1) & 17025:2017 (Part 2)

NABL Accredited for Environmental Laboratory under the ISO 17025:2017 (Part 1) & 17025:2017 (Part 2)

NABL Accredited for Environmental Laboratory under the ISO 17025:2017 (Part 1) & 17025:2017 (Part 2)

NABL Accredited for Environmental Laboratory under the ISO 17025:2017 (Part 1) & 17025:2017 (Part 2)

TEST REPORT

(AMBIENT AIR MONITORING)

Test Report No.	URA/19/12/A-SDC004	Report Issue Date:	27/12/2019
Sample ID No.	URA/ID/A-19/12/004	Work Order No.	4500047141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140. Jambhagar (Gujarat)		
Dates of Sampling	21/12/2019	Date of Testing	23/12/2019
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi Mines (Loading Site)		

Details of Master Instrument Used for Monitoring

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/A.R/RDS/23	Respirable Dust Sampler	2343-DTB-2012 1038-DTC-2012	01/08/2019	31/07/2020
UERL/AIH/FPS/06	Fine Particulate Sampler	270-CTE-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	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	600	595	595
3.	Volume of Air Sampled for PM _{2.5} (24 Hrs.)	m ³	24.04		
4.	Flow Rate for Gas	l/min	0.2	0.2	0.2
5.	Volume of Air Sample for Gas	l	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	91	72	96	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	294	173	130	199	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	29	24	15	23	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	22.7	25.1	19.3	22.3	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	28.5	21.3	18.9	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 Specified Norms.

Sampling Done By:

Tested By:

Authorized By:

(Chemist)/(Supervisor)

(Chemist) / (Sr. Chemist)

(Manager - Operations)

Page No.: 1 of 1

UERL/AIR/F-05/03

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/20/01/A-SDC001	Report Issue Date:	04/02/2020
Sample ID No.	URA/ID/A-20/01/001	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	27/01/2020	Date of Testing	29/01/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi Mines (Near Chorbedi Mines - 1)		

➤ **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/FP5/07	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	1.24	1.25
2.	Volume of Air Sampled for PM ₁₀	m ³	614	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	114	82	70	89	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	276	190	99	188	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	29	21	18	23	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	17.3	13.5	20.4	17.0	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	28.5	22.8	18.3	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.

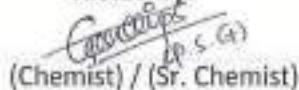
Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specify Norms.

Sampling Done By:

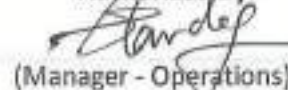

(Chemist)/(Supervisor)

Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

Authorized By:


(Manager - Operations)

(7-3-7)
UERL/AIR/F-05/03

MoEF&CC (GOI) Recognized Environmental Laboratory under the EPA-1986 (12.01.2020 to 24.05.2023)

QC/NABET Accredited EA Consultant Organization

GPCB Recognized Environmental Auditor [Schedule-III]

OHSA 18001:2007 Certified Company

ISO 9001:2015 Certified Company

**TEST REPORT
(AMBIENT AIR MONITORING)**

Test Report No.	URA/20/01/A-SDC002	Report Issue Date:	04/02/2020
Sample ID No.	URA/ID/A-20/01/002	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	27/01/2020	Date of Testing	29/01/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi 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/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	1.26	1.26
2.	Volume of Air Sampled for PM ₁₀	m ³	600	604	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%

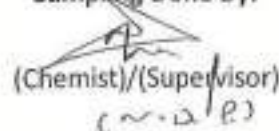
➤ **Test Parameter Results**

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	116	92	63	90	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	273	141	88	167	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	27	23	21	24	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	22.4	16.8	13.2	17.4	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	30.1	24.5	18.5	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.

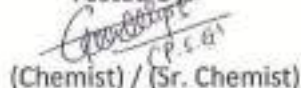
Remark: As per NAAQM5 (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specify Norms.

Sampling Done By:

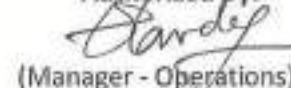

(Chemist)/(Superior)
C-2-2-2

Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

Authorized By:


(Manager - Operations)

C-5-7)
UERL/AIR/F-05/03

**TEST REPORT
(AMBIENT AIR MONITORING)**

Test Report No.	URA/20/01/A-SDC003	Report Issue Date:	04/02/2020
Sample ID No.	URA/ID/A-20/01/003	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	Chorbedi Mines (Near Chorbedi Mines - 1)		

➤ **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	1.22	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	600	585	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%

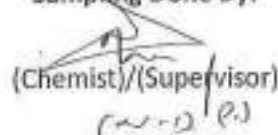
➤ **Test Parameter Results**

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	124	95	76	98	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	302	174	130	202	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	30	21	18	23	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	20.4	24.7	21.5	22.2	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	28.8	22.3	18.2	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.

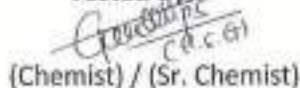
Remark: As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specify Norms.

Sampling Done By:

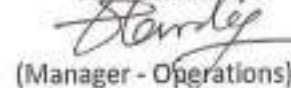

(Chemist)/(Supervisor)
(2-12) (P.)

Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

Authorized By:


(Manager - Operations)

(2-12)
UERL/AIR/F-05/03

MoEF&CC (GOI) Recognized Environmental
Laboratory under the EPA-1986 (12.01.2020 to 24.05.2020)

QC/NABET Accredited EA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-III)

DRSAS18001/2007
Certified Company

ISO 9001:2015
Certified Company

**TEST REPORT
(AMBIENT AIR MONITORING)**

Test Report No.	URA/20/01/A-SDC004	Report Issue Date:	04/02/2020
Sample ID No.	URA/ID/A-20/01/004	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	Chorbedi 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/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	1.23	1.25	1.25
2.	Volume of Air Sampled for PM ₁₀	m ³	590	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%

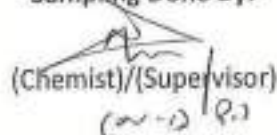
➤ **Test Parameter Results**

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	119	95	78	97	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	324	192	138	218	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	31	25	20	25	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	25.8	18.3	22.7	22.2	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	27.3	25.1	20.4	24.2	80	IS - 5182, Part - 6
6.	Carbon Monoxide	mg/m ³	BDL	BDL	BDL	BDL	2.0	IS - 5182, Part - 10

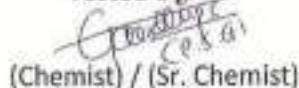
Note: BDL: Below Detection Limit.

Remark: As per NAAQM5 (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specify Norms.

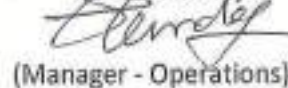
Sampling Done By:


(Chemist)/(Supervisor)
Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

Authorized By:


(Manager - Operations)
(3-1-7)
UERL/AIR/F-05/03

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/20/02/A-SDC001	Report Issue Date:	22/02/2020
Sample ID No.	UPA/ID/A-20/02/CC1	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	14/02/2020	Date of Testing	17/02/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi Mines (Near Chorbedi Mines - 1)		

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
JERL/AIR/AD5/11	Respirable Dust Sampler	1851-DTK-2010 4134-DTJ-2010	01/08/2019	31/07/2020
UERL/AIR/FPS/DT	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	1.23	1.21	1.19
2.	Volume of Air Sampled for PM ₁₀	m ³	590	580	570
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%

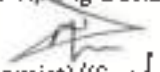
➤ **Test Parameter Results**

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	123	90	85	98	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	345	232	145	240	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	32	30	25	29	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	20.2	16.5	18.6	18.4	80	IS - 5182 Part - 2
5.	Nitrogen Dioxide	µg/m ³	26.1	24.7	23.8	24.8	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.

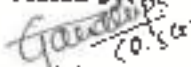
Remark: As per MAAQMS (National Ambient Air Quality Monitoring Standard) Notification - 2009, mention all parameter are within Specify Norms.

Sampling Done By:

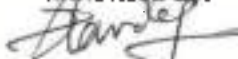

(Chemist)/(Supervisor)

Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

Authorized By:


(Manager - Operations)

UERL/AIR/F-05/03

ISO 9001:2015 Certified Environmental
Testing Laboratory (PRA 1581 (12/01/2020), 24/02/2024)

ISO 14001:2015 Certified Air
Pollution Monitoring Station

CPCB Recognized Laboratory
Registration No. GJ/01/2019/001

ISO 17020:2018
Certified Inspector

ISO 9001:2015
Certified Company

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/20/02/A-50C002	Report Issue Date:	22/02/2020
Sample ID No.	URA/ID/A 20/02/002	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	14/02/2020	Date of Testing	17/02/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi 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/23	Respirable Dust Sampler	2343 QTB-2012 1038-DTC-2012	01/08/2019	31/07/2020
UERL/AIR/FPS/CG	Fine Particulate Sampler	270-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	1.28	1.25	1.22
2.	Volume of Air Sampled for PM ₁₀	m ³	614	600	585
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%

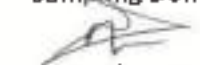
Test Parameter Results

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	105	85	77	89	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	367	234	104	235	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	79	26	25	26	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	19.5	21.7	15.8	19.6	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	25.9	21.2	16.7	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:

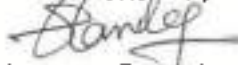

(Chemist)/Supervisor
(Signature)

Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

Authorized By:


(Manager - Operations)

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

ISO 9001:2015 Certified
ISO 14001:2015 Certified

CPCB Approved
CPCB Approved

CPCB Approved
CPCB Approved

ISO 9001:2015
Certified Company

ISO 14001:2015
Certified Company

TEST REPORT

(AMBIENT AIR MONITORING)

Test Report No.	URA/20/02/A-5DC003	Report Issue Date:	22/02/2020
Sample ID No.	URA/ID/A-20/02/003	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	Charbedi Mines (Near Charbedi Mines - 1)		

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-BTK-2010 4134-DTI-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	1.20
2.	Volume of Air Sampled for PM ₁₀	m ³	609	595	576
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	170	80	70	98	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	456	227	201	294	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	33	25	21	26	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	17.2	20.5	18.3	18.6	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	20.2	24.1	22.6	22.3	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 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

MANUFACTURED & Supplied and Environmentally
Monitored by UERRL (P) Ltd. ISO 9001:2015 Certified

CONFORMS As per the EPA
Guidelines / Government

CPCB Recognized Instrument for
Ambient Air Quality Monitoring

UERRL (P) Ltd.
Gujarat, India

ISO 9001:2015
Certified Company

TEST REPORT

(AMBIENT AIR MONITORING)

Test Report No.	URA/20/02/A-SDC004	Report Issue Date:	22/02/2020
Sample ID No.	URA/ID/A 20/02/004	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	Chorbedi 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/23	Respirable Dust Sampler	2343-DTB-2012 1038-OTC-2012	01/08/2019	31/07/2020
UERRL/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	1.22	1.21
2.	Volume of Air Sampled for PM_{10}	m^3	600	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.: $25 \pm 5^\circ C$, 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}	$\mu g/m^3$	113	91	80	94	100	IS - 5182, Part - 23
2.	SPM	$\mu g/m^3$	257	206	156	206	--	IS - 5182, Part - 23
3.	$PM_{2.5}$	$\mu g/m^3$	26	23	21	23	60	UERRL/AIR/SOP/11
4.	Sulphur Dioxide	$\mu g/m^3$	25.8	18.3	22.7	22.2	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	$\mu g/m^3$	27.3	25.1	20.4	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:

(Chemist)/(Supervisor)

Page No.: 1 of 1

Tested By:

(Chemist) / (Sr. Chemist)

Authorized By:

(Manager - Operations)

UERRL/AIR/F-05/03

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/20/03/A-SDC001	Report Issue Date:	13/03/2020
Sample ID No.	URA/ID/A-20/03/001	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	04/03/2020	Date of Testing	06/03/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi Mines (Near Chorbedi Mines - 1)		

➤ **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	1.26	1.24
2.	Volume of Air Sampled for PM ₁₀	m ³	609	604	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	95	85	77	85	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	287	231	178	232	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	29	31	23	27	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	18.5	20.2	16.8	18.5	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	22.7	26.2	19.3	22.7	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:

(Signature)
(Chemist)/(Supervisor)

(Date)
Page No.: 1 of 1

Tested By:

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

(Date)

Authorized By:

(Signature)
(Manager - Operations)

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

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/20/03/A-SQC002	Report Issue Date:	13/03/2020
Sample ID No.	URA/ID/A-20/03/002	Work Order No.	4500042141
Name & Add. of Customer	M/s. Shree Digvijay Cement Co. Ltd. Digvijaygram - 361140, Jamnagar (Gujarat)		
Dates of Sampling	04/03/2020	Date of Testing	06/03/2020
Sampling Procedure:	CPCB Guideline		
Location of Sampling / Monitoring	Chorbedi Mines (Loading Site)		

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

Instrument Id No.	Instrument Name	Serial Number	Cali. Date	Next Cali. Date
UERL/AIR/RD5/23	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	1.29	1.26	1.23
2.	Volume of Air Sampled for PM ₁₀	m ³	619	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%

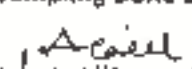
➤ **Test Parameter Results**

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	98	86	81	88	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	421	315	256	330	—	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	33	29	25	29	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	22.6	19.8	17.1	19.8	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	27.3	23.7	22.5	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:


(Chemist)/(Supervisor)

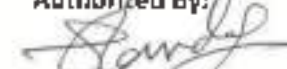
(A. A. I.)
Page No.: 1 of 1

Tested By:


(Chemist) / (Sr. Chemist)

(M. D. I.)

Authorized By:


(Manager - Operations)

(M. D. I.)
UERL/AIR/F-05/03

TEST REPORT (AMBIENT AIR MONITORING)

Test Report No.	URA/20/03/A-SDC003	Report Issue Date:	13/03/2020
Sample ID No.	URA/ID/A-20/03/003	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	Chorbedi Mines (Near Chorbedi Mines - 1)		

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/FP5/07	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	1.22	1.21
2.	Volume of Air Sampled for PM ₁₀	m ³	600	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	99	92	82	91	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	398	268	245	303	-	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	35	30	29	31	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	23.1	21.8	19.9	21.6	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	28.7	25.2	24.4	26.1	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:

Aracel
(Chemist)/(Supervisor)

(S. V.)
Page No.: 1 of 1

Tested By:

(Signature)
(Chemist) / (Sr. Chemist)
(S. V. P.)

Authorized By:

(Signature)
(Manager - Operations)

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

ISO/IEC 17020:2017 Recognized Environmental Laboratory under the BIA-9961 v2.0 (Clause 8.4) 2020

CEN 14001 Accredited EIA Consultant Organization

CPCB Registered Environment Analysts (S.No. 1 & 2 & 3 & 4)

C-4543-2017-2020 Certified Company

ISO 9001:2015 Certified Company

TEST REPORT
(AMBIENT AIR MONITORING)

Test Report No.	URA/20/03/A-SDC004	Report Issue Date:	13/03/2020
Sample ID No.	URA/ID/A-20/03/004	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	Chorbedi 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/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	1.24	1.24	1.22
2.	Volume of Air Sampled for PM ₁₀	m ³	595	595	585
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	90	84	75	83	100	IS - 5182, Part - 23
2.	SPM	µg/m ³	223	189	146	186	--	IS - 5182, Part - 23
3.	PM _{2.5}	µg/m ³	25	21	19	21	60	UERL/AIR/SOP/11
4.	Sulphur Dioxide	µg/m ³	19.9	17.2	15.5	17.5	80	IS - 5182, Part - 2
5.	Nitrogen Dioxide	µg/m ³	23.8	21.1	19.3	21.4	80	IS - 5182, Part - 6
6.	Carbon Monoxide	mg/m ³	BDL	BDL	BDL	BDL	2.0	IS - 5182, Part - 10

Note: BDL: Below Detection Limit.

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

Sampling Done By:

A. Patel
(Chemist)/(Supervisor)

(A. 0. 1)
Page No.: 1 of 1

Tested By:

A. Patel
(Chemist) / (Sr. Chemist)

(A. 0. 1)

Authorized By:

S. Patel
(Manager - Operations)

(S. 0. 1)
UERL/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	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
29/10/2019	Gop Village	57.3	46.5
29/10/2019	Jeenawari Village	61.5	52.7
30/10/2019	Gop Village	52.8	45.7
30/10/2019	Jeenawari 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

UERL/AIR/F-18/01

WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/10/WN-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	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.
29/10/2019	Dozer DB - 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 - MLM - 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 DB - 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	88.6	82.7	73.2

Note:

Permissible Limit :

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

Prepared By

Aravind

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

Stanley

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	Cali. Date	Next Cali. Date
UERL/AIR/SLM/00A	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	Jeenawan 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	43.6
22/12/2019	Pachhtar Village	58.7	48.5

Note:

Permissible Limit:

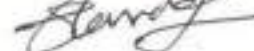
Day Time: 75> dB (A) Night Time: 70> dB (A)

Prepared By



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Authorized By



UERL/AIR/F-18/01

ISO 9001:2015 Certified
Laboratory under the BIS (1986) 1201:2015 to 11.01.2020

ISO 14001:2015 Certified
Service Organization

ISO 45001:2018 Certified
And for (Laboratory)

ISO 9001:2015
Certified Company

ISO 9001:2015
Certified Company

WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/19/12/WM-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	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) Chorbedl (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 DB - 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 - MLM - 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	80.0	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

Asad

Page 1 of 1

Authorized By

Sanjay

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:

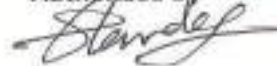
Day Time: 75> dB (A) Night Time: 70> dB (A)

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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	Hyndal - 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:

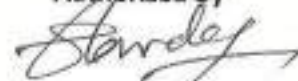
TWA (Time Weighted Average) 8 Hrs: 90 dB (A)

Prepared By



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UERL/AIR/F-20/01

ISO 9001:2015 Recognized Equipments
Calibration, Certificate No. 1561, Validity: 05/2020

ISO 14001 Accredited for
Consultancy Engineering

ISO 17025:2017 Certified
Laboratory (S.No. 1216)

ISO 45001:2018
Certified Company

ISO 9001:2015
Certified Company

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	Cal. Date	Next Cal. Date
UERL/NR/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	Jeenawari Village	63.7	53.2
15/02/2020	Gop Village	61.5	50.4
15/02/2020	Jeenawari 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:

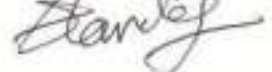
Day Time: 75> dB (A) Night Time: 70> dB (A)

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UERL/AIR/F-18/01

ANALYTICAL & QC Laboratory Accredited
 ISO 17025:2017 (Lab No. 1001)

 ISO 9001:2015 Accredited (A)
 Certified Organization

 OQCB Registered Environmental
 Analyst (Lab No. 1001)

 ISO 14001:2015
 Certified Company

 ISO 45001:2018
 Certified Company

WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/20/02/WM-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	Cali. Date	Next Cali. Date
UERL/AIR/SLM/USA	Sound Level Meter	24 OTE 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.
14/02/2020	Dozer D8 - N (CAT)	89.2	84.2	73.8
14/02/2020	Hyndai - 140 (LC - 9)	89.3	83.9	74.7
14/02/2020	Tata - 200 Bracker	88.8	82.7	74.1

3) Pachhtar (Composite) Limestone Mines.

Date of Monitoring	Name of Site	Noise Level - dB (A)		
		Inside Cabin	15 Mtr. away from m/c.	50 Mtr. away from m/c.
15/02/2020	Dozer D - 8R	89.8	83.5	74.5
15/02/2020	Hyndai - 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. (MLT - 9)	89.3	83.7	74.1

Note:

Permissible Limit:

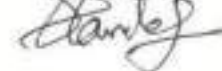
TWA (Time Weighted Average) R Hr: 90 dB (A)

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-50C001	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	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
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

Acad

Page 1 of 1

Authorized By

Acad

UERL/AIR/F-18/01

WORK PLACE NOISE LEVEL MONITORING REPORT

Test Report No.:	URA/20/03/WM-50C001	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	01/08/2019	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) Charbedl (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	Hyndal - 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	Hyndal - 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

Acad

Page 1 of 1

Authorized By

Harvey

UERL/AIR/F-20/01



Annexure D

CHORBEDI (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	21600	41400	63000
2	Water Sprinkling on haul roads	79050	105600	184650
3	Plantation charges	80000	0	80000
4	Recurring Expenses for Security and Maintenance of Plantation	36300	54000	90300
	Total	216950	201000	417950


Signature
Shyam Narayan Singh
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
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www.digvijaycement.com