



CHO/MoEF/HYC/A/302/

Date-13-Apr-19

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

Subject: Submission of Compliance Report of the conditions as laid down in the Environmental Clearance letter no.j-11015/47/2005-IA.II(M) dt 07.10.05-in respect of Chorbedi (Composite) Limestone Mines for the period October 18 to March 19.

Sir,

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

**1. Present status of Project work progress.**

- a) No Forestry clearance given in respect of Forest land leases. Viz Chorbedi (76.89 Ha.) , Rinjpur (42.90 Ha) and Ghunada (101.05 Ha)in forest. Possession of above Forest land leases handed over to Forest Department on 24.09.2004.
- b) Forest Land leases at Rinjpur and Ghunda are cancelled by Govt. of Gujarat on 10.01.2014 & 18.01.2014 respectively.
- c) An existing Mine in Non Forest lease area of 178.00 Hectares in village Chorbedi Survey No. 1 (Part) and 20.23 Hect. in village Chorbedi Survey No. 1 (Part) = Total Lease area are 198.23 Hecares.

Production from this Mine from October 18 to March 19 is 115597.73 MT.

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.



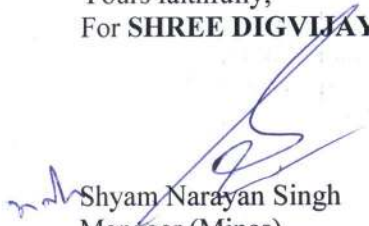
2. Point wise compliance status to various stipulations, as laid-down in Environmental Clearance letter No.J-11015/47/2005-IA.II(M) dated 07.10.2005 with supporting documents, is enclosed with the following Annexure:-

|                                                      |   |            |
|------------------------------------------------------|---|------------|
| Environment Statement in Form V for the year 2018-19 | : | Annexure A |
| Ambient Air Quality Reports                          | : | Annexure B |
| Noise Level                                          | : | Annexure C |
| Environment Yearly Expenses Statement                | : | Annexure D |

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

Thanking you,

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

  
Shyam Narayan Singh  
Manager (Mines)

Copy To:

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

**FORM V****Environment Audit Report for the period of 2018-19****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) : **Mining Industry**  
Secondary: (SIC Code)
3. Production Capacity : **0.9 million TPA**
4. Year of Establishment : **07.11.1983**
5. Date of the last Environmental  
Statement submitted : **26.05.2018**

**PART - B****Water & Raw Material Consumption****(i) \* Water consumption M<sup>3</sup> / day**

|                     |   |                |
|---------------------|---|----------------|
| Process             | : | <b>0</b>       |
| Cooling             | : | <b>0</b>       |
| Domestic (Drinking) | : | <b>2.00 KL</b> |
| Dust Suppression    | : | <b>4.98 KL</b> |
| Plantation          | : | <b>0.62 KL</b> |

(\*)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 |
|  | <b>LIMESTONE</b> | <b>Not Applicable</b>                         | <b>Not Applicable</b>   |

**(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           |                  | 0.347                                          | 0.469                   |
| 10     | Lubricant oil - L/ Ton |                  | 0.008                                          | 0.008                   |
| 11     | Grease - Kg/Ton        |                  | 0.001                                          | 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 <sup>3</sup> ) | Percentage of variation from prescribed standard with reasons |
|-----|--------------|----------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------|
| (a) | <b>Water</b> | <b>NIL</b>                             |                                                                 |                                                               |
| (b) | <b>Air</b>   | <b>Annexure Enclosed</b>               |                                                                 |                                                               |
|     |              | --                                     | --                                                              | --                                                            |

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 <sup>3</sup> | 24 hours          | 100                                           | 100                                                     |
|                                                | Annual            | 60                                            | 60                                                      |
| SO <sub>2</sub> in Microgram/M <sup>3</sup>    | 24 hours          | 80                                            | 80                                                      |
|                                                | Annual            | 50                                            | 20                                                      |
| NO <sub>x</sub> in Microgram/M <sup>3</sup>    | 24 hours          | 80                                            | 80                                                      |
|                                                | Annual            | 40                                            | 30                                                      |

### PART – D

Hazardous Wastes

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

|     | Hazardous Wastes                         | Total Quantity (Kg.)     |                         |
|-----|------------------------------------------|--------------------------|-------------------------|
|     |                                          | During the previous year | During the current Year |
| (a) | From Process<br>(Used Oil from Machines) | 0.080                    | 0.110                   |
| (b) | From pollution control facilities        |                          |                         |

### PART – E

(Solid Wastes)

|     |                                                     | Total Quantity                                                                     |                         |
|-----|-----------------------------------------------------|------------------------------------------------------------------------------------|-------------------------|
|     |                                                     | During the previous year                                                           | During the current Year |
| (a) | From process                                        | <b>Not applicable</b> , 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

**SHREE DIGVIJAY CEMENT CO. LTD.**  
**CHORBEDI (COMPOSITE) LIMESTONE MINE**  
**SIX MONTHLY COMPLIANCE STATUS**  
**October'18 to March'19**

| S. NO.                        | CONDITIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | COMPLIANCE STATUS                                                                                                                                                  |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A. Specific Conditions</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                    |
| (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.                                                                                                                                                                                                                                                                                                                                                                             | Complied                                                                                                                                                           |
| (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.                                      |
| (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.<br>Garland drain (size, gradient & length) shall be constructed for both mine pit and for the waste dump. Sump capacity should be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper setting of silt material. Sedimentation pits should be constructed at the corners of the garland drains. | Though no sediments flows from Mines, still we have constructed a check dam.                                                                                       |
| (iv)                          | Drills should be wet operated or with dust extractors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | We are not operating drill machines.                                                                                                                               |
| (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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Now the drilling & Blasting has been eliminated by the use of Ripper -Dozer and Excavator combination, an Eco-Friendly mining machinery.                           |
| (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.                                                                                                                                                                                                                                                                                                                                                                          | We have done year wise plantation in mines area as per mining plan. In the Year 2018-19, we have Planted 205 Nos. of saplings in lease area to develop green belt. |
| (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. is created from the deeper section of worked out pit which helps in recharging ground water in the area.                                |
| (viii)                        | Ground water shall not be encountered during mining operations. Prior approval of the MOEF and CGWA shall be taken for mining below ground water.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | We are not 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | For undertaking Rainwater harvesting measures we have requested guidance and expertise from Regional Director, CGWB, Ahmedabad.                                    |

| S. NO.    | CONDITIONS                                                                                                                                                                                                                                                                             | COMPLIANCE STATUS                                                                                                                                                                                                                                                                                   |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (x)       | A final Mine Closure Plan alongwith detail of Corpus Fund should be submitted to the Ministry of Environment and Forests 5 years in advance of final mine closure for approval.                                                                                                        | Final Mine closure plan is being submitted for part area of 20.23 Hectares of our Chorbedi 2 Limestone Mine. <b>Annexure 'E'</b><br>It is simultaneously being submitted to Indian Bureau of Mines, Gandhinagar under rule 24(1) of Mineral Conservation and Development Rules, 2017, for approval. |
| (xi)      | Consent to operate shall be obtained from the SPCB before expanding mining operations.                                                                                                                                                                                                 | Renewal of Consolidated Consents & Authorization has been obtained from GPCB, Gandhinagar, vide Order No. PC/CCA-JMN-49/ID30233/79664 dated 7th May 2011 Consent order No.AWH-77637 dated 29.03.2016 valid up to 22.03.2021.                                                                        |
| <b>B.</b> | <b>General conditions</b>                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                     |
| (i)       | No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.                                                                                                                                                  | Complied                                                                                                                                                                                                                                                                                            |
| (ii)      | No change in the calendar plan including excavation, quantum of limestone and waste should be made.                                                                                                                                                                                    | Complied. However, no change is made in the calendar plans including excavations, quantum of Limestone and waste.                                                                                                                                                                                   |
| (iii)     | Data on ambient air quality (RPM and SPM) should be regularly submitted once a year to the Ministry including its Regional Office (WZ) at Bhopal and the Gujarat State Pollution Control Board /Central Pollution Control Board once in six months.)                                   | Data of Ambient Air Quality (RPM & SPM) are regularly submitted half yearly to MOEF including Regional Office (WR) Bhopal and GPCB, Gandhinagar. Data of Ambient Air Quality survey conducted during the half year period – <b>October 18 to March 19</b> is enclosed as <b>Annexure B</b> .        |
| (iv)      | Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, wagon loading, dump trucks (loading & unloading) should be provided and properly maintained.                                                                    | Fugitive dust emissions from all the sources are controlled regularly. Water spraying arrangement on haul roads and mining areas is being practiced.                                                                                                                                                |
| (v)       | Adequate measures should be taken for control of noise levels in the work environment.                                                                                                                                                                                                 | We are complying. Noise level Monitoring done regularly and enclosed as <b>Annexure C</b>                                                                                                                                                                                                           |
| (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 <sup>th</sup> May, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time.                                             | Not applicable.                                                                                                                                                                                                                                                                                     |
| (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. So far not a single case is detected.                                                                                                                      |
| (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 for the period is enclosed as <b>Annexure D</b> .                                                                       |
| (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. | Project authorities are always extending full co-operation to the authorities/officials visiting the Mines site for data/information/monitoring report etc.                                                                                                                                         |

| S. NO. | CONDITIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | COMPLIANCE STATUS                                                                                                                                                                                                                                                                     |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (x)    | A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom and suggestion / representation has been received while processing the proposal.                                                                                                                                                                                                                                                                                                                                                            | Copy of clearance letter was handed over to all concerned Panchayat.                                                                                                                                                                                                                  |
| (xi)   | State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's Office/Tehsildar's Office for 30 days and provide copies of the same to anyone requesting for the same.                                                                                                                                                                                                                                                                                        | For compliance by Gujarat Pollution Control Board, Gandhinagar.                                                                                                                                                                                                                       |
| (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 <a href="http://envfor.nic.in">http://envfor.nic.in</a> . | 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 appeared in the –<br>(1) Times of India – Ahmedabad Edition<br>(2) Phoolchhab – Rajkot edition. |

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/18/10/A-SDC001                                                                  | Report Issue Date: | 05/11/2018 |
| Sample ID No.                     | URA/ID/A-18/10/001                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 26/10/2018                                                                          | Date of Testing    | 28/10/2018 |
| 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, 4134-DTJ-2010 | 25/10/2018 | 24/10/2019      |
| UERL/AIR/FPS/07   | Fine Particulate Sampler | 271-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.27                        | 1.27            | 1.24            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 610                         | 610             | 595             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.48                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 93                        | 48              | 63              | 68                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 228                       | 92              | 145             | 155                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 32                        | 15              | 22              | 23                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 14.2                      | 11.6            | 13.6            | 13.1               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 20.5                      | 14.8            | 15.2            | 16.8               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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:

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

Page No.: 1 of 1

Tested By:

*[Signature]*  
(Chemist)/(Sr. Chemist)  
(C.A.P.)

Authorized By:

*[Signature]*  
(Manager - Operations)  
(C.S.S.)  
UERL/AIR/F-05/03

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/18/10/A-SDC002                                                                  | Report Issue Date: | 05/11/2018 |
| Sample ID No.                     | URA/ID/A-18/10/002                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 26/10/2018                                                                          | Date of Testing    | 28/10/2018 |
| 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, 1038-DTC-2012 | 01/04/2018 | 31/03/2019      |
| UERL/AIR/FPS/06   | Fine Particulate Sampler | 270-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.25                        | 1.28            | 1.23            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 600                         | 614             | 590             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.33                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 109                       | 54              | 73              | 79                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 315                       | 95              | 176             | 195                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 31                        | 17              | 27              | 25                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 13.7                      | 10.2            | 15.5            | 13.1               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 21.3                      | 13.6            | 17.4            | 17.4               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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:

*Aced*  
(Chemist)/(Supervisor)

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

Tested By:

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

(A.R.T.)

Authorized By:

*[Signature]*  
(Manager - Operations)

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

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/18/10/A-SDC003                                                                  | Report Issue Date: | 05/11/2018 |
| Sample ID No.                     | URA/ID/A-18/10/003                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 27/10/2018                                                                          | Date of Testing    | 29/10/2018 |
| 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, 4134-DTJ-2010 | 25/10/2018 | 24/10/2019      |
| UERL/AIR/FPS/07   | Fine Particulate Sampler | 271-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.28                        | 1.25            | 1.27            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 614                         | 600             | 610             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.33                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 89                        | 53              | 75              | 72                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 283                       | 91              | 138             | 170                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 29                        | 18              | 25              | 24                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 15.4                      | 10.2            | 15.7            | 13.7               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 21.6                      | 14.1            | 18.5            | 18.0               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | BDL                       | BDL             | BDL             | BDL                | 2.0            | IS – 5182, Part – 10 |

**Note:** BDL: Below Detection Limit.

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

Sampling Done By:

*A. Patel*  
(Chemist)/(Supervisor)  
*C.A.P.*

Page No.: 1 of 1

Tested By:

*[Signature]*  
(Chemist) / (Sr. Chemist)  
*(C.A.P.)*

Authorized By:

*[Signature]*  
(Manager - Operations)  
*(S.S.N.)*

UERL/AIR/F-05/03

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

QCNABET Accredited EIA Consultant Organization

GPCB Recognized Environmental Auditor (Schedule-II)

OHSAS18001:2007 Certified Company

ISO 9001:2015 Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/18/10/A-SDC004                                                                  | Report Issue Date: | 05/11/2018 |
| Sample ID No.                     | URA/ID/A-18/10/004                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 27/10/2018                                                                          | Date of Testing    | 29/10/2018 |
| 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, 1038-DTC-2012 | 01/04/2018 | 31/03/2019      |
| UERL/AIR/FPS/06   | Fine Particulate Sampler | 270-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.23                        | 1.28            | 1.24            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 590                         | 614             | 595             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.76                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 112                       | 52              | 75              | 80                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 325                       | 107             | 164             | 199                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 34                        | 16              | 22              | 24                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 16.5                      | 12.7            | 15.8            | 15.0               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 19.7                      | 14.2            | 16.3            | 16.7               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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.e.i.)  
Page No.: 1 of 1

Tested By:

*(Signature)*  
(Chemist) / (Sr. Chemist)  
(a.d.p.)

Authorized By:

*(Signature)*  
(Manager - Operations)

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

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/18/11/A-SDC001                                                                  | Report Issue Date: | 30/11/2018 |
| Sample ID No.                     | URA/ID/A-18/11/001                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 20/11/2018                                                                          | Date of Testing    | 22/11/2018 |
| 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, 4134-DTJ-2010 | 25/10/2018 | 24/10/2019      |
| UERL/AIR/FPS/07   | Fine Particulate Sampler | 271-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.25                        | 1.26            | 1.23            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 600                         | 605             | 590             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.33                       |                 |                 |
| 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%

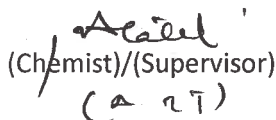
➤ **Test Parameter Results**

| Sr. No. | Test Parameter    | Unit              | 8 Hours Monitoring Result |                 |                 | Average (24 Hours) | Specific Value | Test Method          |
|---------|-------------------|-------------------|---------------------------|-----------------|-----------------|--------------------|----------------|----------------------|
|         |                   |                   | 1 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 97                        | 50              | 68              | 72                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 254                       | 88              | 162             | 168                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 35                        | 17              | 20              | 24                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 13.4                      | 9.8             | 15.6            | 12.9               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 23.5                      | 16.7            | 13.2            | 17.8               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | BDL                       | BDL             | BDL             | BDL                | 2.0            | IS – 5182, Part – 10 |

Note: BDL: Below Detection Limit.

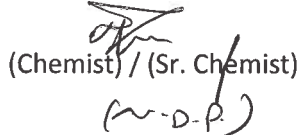
**Remark:** As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification – 2009, mention all parameter are within Specify Norms.

Sampling Done By:

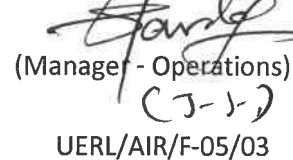
  
(Chemist)/(Supervisor)  
(A 27)

Page No.: 1 of 1

Tested By:

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

Authorized By:

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

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/18/11/A-SDC002                                                                  | Report Issue Date: | 30/11/2018 |
| Sample ID No.                     | URA/ID/A-18/11/002                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 20/11/2018                                                                          | Date of Testing    | 22/11/2018 |
| 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, 1038-DTC-2012 | 01/04/2018 | 31/03/2019      |
| UERL/AIR/FPS/06   | Fine Particulate Sampler | 270-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.29                        | 1.27            | 1.26            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 619                         | 610             | 605             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.76                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 102                       | 61              | 80              | 81                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 285                       | 90              | 194             | 190                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 28                        | 18              | 25              | 24                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 15.4                      | 12.7            | 16.1            | 14.7               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 20.6                      | 15.8            | 14.2            | 16.8               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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.T.)

Page No.: 1 of 1

Tested By:

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

Authorized By:

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

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/18/11/A-SDC003                                                                  | Report Issue Date: | 30/11/2018 |
| Sample ID No.                     | URA/ID/A-18/11/003                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 21/11/2018                                                                          | Date of Testing    | 23/11/2018 |
| 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, 4134-DTJ-2010 | 25/10/2018 | 24/10/2019      |
| UERL/AIR/FPS/07   | Fine Particulate Sampler | 271-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.25                        | 1.28            | 1.22            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 60                          | 614             | 586             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.48                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 98                        | 55              | 83              | 79                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 310                       | 99              | 156             | 188                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 33                        | 16              | 28              | 25.6               | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 16.2                      | 12.5            | 18.3            | 15.6               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 23.7                      | 15.2            | 14.9            | 17.9               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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.T.)

Page No.: 1 of 1

Tested By:

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

Authorized By:

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

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/18/11/A-SDC004                                                                  | Report Issue Date: | 30/11/2018 |
| Sample ID No.                     | URA/ID/A-18/11/004                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 21/11/2018                                                                          | Date of Testing    | 23/11/2018 |
| 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, 1038-DTC-2012 | 01/04/2018 | 31/03/2019      |
| UERL/AIR/FPS/06   | Fine Particulate Sampler | 270-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.25                        | 1.25            | 1.24            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 600                         | 600             | 595             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.19                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 118                       | 59              | 80              | 86                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 342                       | 115             | 186             | 214                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 38                        | 18              | 29              | 28                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 17.3                      | 13.9            | 15.5            | 15.5               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 23.7                      | 15.4            | 13.7            | 17.6               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | BDL                       | BDL             | BDL             | BDL                | 2.0            | IS – 5182, Part – 10 |

**Note:** BDL: Below Detection Limit.

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

Sampling Done By:

*A. Patel*  
(Chemist)/(Supervisor)  
(A.P.)

Page No.: 1 of 1

Tested By:

*[Signature]*  
(Chemist) / (Sr. Chemist)  
(M.D.P.)

Authorized By:

*[Signature]*  
(Manager - Operations)  
(J.S.)

UERL/AIR/F-05/03

### TEST REPORT

#### (AMBIENT AIR MONITORING)

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/18/12/A-SDC001                                                                  | Report Issue Date: | 05/01/2019 |
| Sample ID No.                     | URA/ID/A-18/12/001                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 28/12/2018                                                                          | Date of Testing    | 31/12/2018 |
| 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, 4134-DTJ-2010 | 25/10/2018 | 24/10/2019      |
| UERL/AIR/FPS/07   | Fine Particulate Sampler | 271-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.29                        | 1.28            | 1.25            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 619                         | 605             | 600             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.62                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 89                        | 58              | 78              | 75                 | 100            | IS – 5182, Part – 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 200                       | 113             | 156             | 156                | --             | IS – 5182, Part – 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 32                        | 20              | 24              | 25                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 16.5                      | 12.8            | 19.4            | 16.2               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 25.4                      | 18.1            | 16.2            | 19.9               | 80             | IS – 5182, Part – 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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.T.)

Page No.: 1 of 1

Tested By:

*(Signature)*  
(Chemist)/(Sr. Chemist)  
(C.D.P.)

Authorized By:

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

### TEST REPORT

#### (AMBIENT AIR MONITORING)

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/18/12/A-SDC002                                                                  | Report Issue Date: | 05/01/2019 |
| Sample ID No.                     | URA/ID/A-18/12/002                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 28/12/2018                                                                          | Date of Testing    | 31/12/2018 |
| 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, 1038-DTC-2012 | 01/04/2018 | 31/03/2019      |
| UERL/AIR/FPS/06   | Fine Particulate Sampler | 270-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.24                        | 1.22            | 1.21            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 595                         | 585             | 580             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.19                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 95                        | 72              | 85              | 84                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 305                       | 123             | 176             | 201                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 30                        | 22              | 26              | 26                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 19.3                      | 16.4            | 21.6            | 19.1               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 22.4                      | 18.3            | 15.7            | 18.8               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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 Specific Norms.

Sampling Done By:

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

Page No.: 1 of 1

Tested By:

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

Authorized By:

  
(Manager - Operations)  
(S. S. J.)

UERL/AIR/F-05/03

### TEST REPORT

#### (AMBIENT AIR MONITORING)

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/18/12/A-SDC003                                                                  | Report Issue Date: | 05/01/2019 |
| Sample ID No.                     | URA/ID/A-18/12/003                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 29/12/2018                                                                          | Date of Testing    | 31/12/2018 |
| 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, 4134-DTJ-2010 | 25/10/2018 | 24/10/2019      |
| UERL/AIR/FPS/07   | Fine Particulate Sampler | 271-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.26                        | 1.24            | 1.21            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 605                         | 595             | 580             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.62                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 88                        | 63              | 75              | 75                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 265                       | 124             | 197             | 195                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 27                        | 19              | 24              | 23                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 15.5                      | 17.4            | 20.6            | 17.8               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 20.4                      | 17.8            | 16.3            | 18.1               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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)

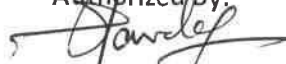
(A 27)  
Page No.: 1 of 1

Tested By:

  
(Chemist) / (Sr. Chemist)

(A 27)

Authorized By:

  
(Manager - Operations)

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

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QCI-NABET Accredited EA Consultant Organization

GPCB Recognized Environmental Auditor (Schedule-II)

OHSAS18001:2007 Certified Company

ISO 9001:2015 Certified Company

### TEST REPORT

#### (AMBIENT AIR MONITORING)

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/18/12/A-SDC004                                                                  | Report Issue Date: | 05/01/2019 |
| Sample ID No.                     | URA/ID/A-18/12/004                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 29/12/2018                                                                          | Date of Testing    | 31/12/2018 |
| 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, 1038-DTC-2012 | 01/04/2018 | 31/03/2019      |
| UERL/AIR/FPS/06   | Fine Particulate Sampler | 270-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.20                        | 1.19            | 1.22            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 576                         | 571             | 585             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.08                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 95                        | 68              | 88              | 83                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 375                       | 134             | 205             | 238                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 35                        | 24              | 30              | 29                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 21.5                      | 16.4            | 19.5            | 19.1               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 25.3                      | 18.5            | 19.3            | 21.0               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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:

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

Page No.: 1 of 1

Tested By:

*[Signature]*  
(Chemist) / (Sr. Chemist)  
(A.D.P.)

Authorized By:

*[Signature]*  
(Manager - Operations)  
(S.S.N.)  
UERL/AIR/F-05/03

### TEST REPORT

#### (AMBIENT AIR MONITORING)

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/19/01/A-SDC001                                                                  | Report Issue Date: | 29/01/2019 |
| Sample ID No.                     | URA/ID/A-19/01/001                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 18/01/2019                                                                          | Date of Testing    | 21/01/2019 |
| 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, 4134-DTJ-2010 | 25/10/2018 | 24/10/2019      |
| UERL/AIR/FPS/07   | Fine Particulate Sampler | 271-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.25                        | 1.23            | 1.21            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 600                         | 590             | 580             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.48                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 82                        | 60              | 72              | 71                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 178                       | 122             | 166             | 155                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 35                        | 23              | 29              | 29                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 19.7                      | 15.1            | 23.3            | 19.3               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 22.1                      | 17.5            | 19.4            | 19.6               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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. N. 9)

Page No.: 1 of 1

Tested By:

*[Signature]*  
(Chemist) / (Sr. Chemist)  
(A. D. P.)

Authorized By:

*[Signature]*  
(Manager - Operations)  
(S. S. 7)  
UERL/AIR/F-05/03

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

QCI-NABET Accredited EIA Consultant Organization

GPCB Recognized Environmental Auditor (Schedule-II)

OHSAS18001:2007 Certified Company

ISO 9001:2015 Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/19/01/A-SDC002                                                                  | Report Issue Date: | 29/01/2019 |
| Sample ID No.                     | URA/ID/A-19/01/002                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 18/01/2019                                                                          | Date of Testing    | 21/01/2019 |
| 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, 1038-DTC-2012 | 01/04/2018 | 31/03/2019      |
| UERL/AIR/FPS/06   | Fine Particulate Sampler | 270-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.28                        | 1.26            | 1.24            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 614                         | 604             | 595             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.33                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 102                       | 80              | 78              | 87                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 335                       | 147             | 162             | 215                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 33                        | 18              | 23              | 25                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 22.7                      | 13.5            | 19.3            | 18.5               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 25.6                      | 15.2            | 16.4            | 19.0               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | BDL                       | BDL             | BDL             | BDL                | 2.0            | IS – 5182, Part – 10 |

**Note:** BDL: Below Detection Limit.

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

Sampling Done By:

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

Page No.: 1 of 1

Tested By:

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

Authorized By:

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

### TEST REPORT

#### (AMBIENT AIR MONITORING)

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/19/01/A-SDC003                                                                  | Report Issue Date: | 29/01/2019 |
| Sample ID No.                     | URA/ID/A-19/01/003                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 19/01/2019                                                                          | Date of Testing    | 21/01/2019 |
| 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, 4134-DTJ-2010 | 25/10/2018 | 24/10/2019      |
| UERL/AIR/FPS/07   | Fine Particulate Sampler | 271-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.25                        | 1.27            | 1.24            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 600                         | 610             | 595             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.33                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 94                        | 59              | 81              | 78                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 282                       | 108             | 184             | 191                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 31                        | 18              | 27              | 25                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 20.7                      | 14.2            | 22.6            | 19.1               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 23.6                      | 16.8            | 19.5            | 19.9               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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.R.)

Page No.: 1 of 1

Tested By:

*(Signature)*  
(Chemist) / (Sr. Chemist)  
(C.A.R.)

Authorized By:

*(Signature)*  
(Manager - Operations)

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

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/19/01/A-SDC004                                                                  | Report Issue Date: | 29/01/2019 |
| Sample ID No.                     | URA/ID/A-19/01/004                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 19/01/2019                                                                          | Date of Testing    | 21/01/2019 |
| 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, 1038-DTC-2012 | 01/04/2018 | 31/03/2019      |
| UERL/AIR/FPS/06   | Fine Particulate Sampler | 270-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.23                        | 1.24            | 1.23            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 590                         | 595             | 590             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.91                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 99                        | 64              | 83              | 82                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 393                       | 122             | 176             | 230                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 34                        | 20              | 28              | 27                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 20.0                      | 12.8            | 21.5            | 18.1               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 24.2                      | 14.6            | 18.3            | 19.0               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | BDL                       | BDL             | BDL             | BDL                | 2.0            | IS – 5182, Part – 10 |

Note: BDL: Below Detection Limit.

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

Sampling Done By:

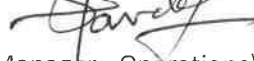
  
(Chemist)/(Supervisor)  
(C.A.N.)

Page No.: 1 of 1

Tested By:

  
(Chemist) (Sr. Chemist)  
(C.A.N.P.)

Authorized By:

  
(Manager - Operations)  
(C.A.N.)  
UERL/AIR/F-05/03

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/19/02/A-SDC001                                                                  | Report Issue Date: | 22/02/2019 |
| Sample ID No.                     | URA/ID/A-19/02/001                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 13/02/2019                                                                          | Date of Testing    | 15/02/2019 |
| 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, 4134-DTJ-2010 | 25/10/2018 | 24/10/2019      |
| UERL/AIR/FPS/07   | Fine Particulate Sampler | 271-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.27                        | 1.25            | 1.24            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 610                         | 600             | 595             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.19                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 95                        | 68              | 82              | 82                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 214                       | 97              | 184             | 165                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 32                        | 21              | 27              | 27                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 18.4                      | 13.7            | 22.5            | 18.2               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 27.4                      | 19.4            | 22.3            | 23.0               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | BDL                       | BDL             | BDL             | BDL                | 2.0            | IS – 5182, Part – 10 |

**Note:** BDL: Below Detection Limit.

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

Sampling Done By:

(Chemist)/(Supervisor)

Page No.: 1 of 1

Tested By:

(Chemist) / (Sr. Chemist)

Authorized By:

(Manager - Operations)

UERL/AIR/F-05/03

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/19/02/A-SDC002                                                                  | Report Issue Date: | 22/02/2019 |
| Sample ID No.                     | URA/ID/A-19/02/002                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 13/02/2019                                                                          | Date of Testing    | 15/02/2019 |
| 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, 1038-DTC-2012 | 01/04/2018 | 31/03/2019      |
| UERL/AIR/FPS/06   | Fine Particulate Sampler | 270-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.28                        | 1.27            | 1.25            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 614                         | 610             | 600             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.62                       |                 |                 |
| 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%

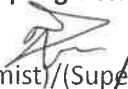
➤ **Test Parameter Results**

| Sr. No. | Test Parameter    | Unit              | 8 Hours Monitoring Result |                 |                 | Average (24 Hours) | Specific Value | Test Method          |
|---------|-------------------|-------------------|---------------------------|-----------------|-----------------|--------------------|----------------|----------------------|
|         |                   |                   | 1 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 117                       | 76              | 85              | 93                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 310                       | 128             | 196             | 211                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 36                        | 19              | 26              | 27                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 20.8                      | 16.5            | 23.7            | 20.3               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 29.4                      | 17.2            | 22.5            | 23.0               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | BDL                       | BDL             | BDL             | BDL                | 2.0            | IS – 5182, Part – 10 |

**Note:** BDL: Below Detection Limit.

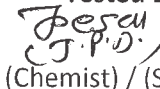
**Remark:** As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification – 2009, mention all parameter are within Specify Norms.

Sampling Done By:

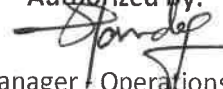
  
(Chemist)/(Supervisor)

(a.d.p.)  
Page No.: 1 of 1

Tested By:

  
(Chemist) / (Sr. Chemist)

Authorized By:

  
(Manager - Operations)

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

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/19/02/A-SDC003                                                                  | Report Issue Date: | 22/02/2019 |
| Sample ID No.                     | URA/ID/A-19/02/003                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 14/02/2019                                                                          | Date of Testing    | 16/02/2019 |
| 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, 4134-DTJ-2010 | 25/10/2018 | 24/10/2019      |
| UERL/AIR/FPS/07   | Fine Particulate Sampler | 271-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.27                        | 1.23            | 1.26            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 610                         | 590             | 604             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.48                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 103                       | 67              | 85              | 85                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 298                       | 135             | 221             | 218                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 34                        | 17              | 29              | 27                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 21.6                      | 16.3            | 24.2            | 20.7               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 27.3                      | 17.5            | 21.6            | 22.1               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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)

URERL/AIR/F-05/03

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

QC/NABET Accredited EIA  
Consultant Organization

GPCB Recognized Environmental  
Auditor (Schedule-II)

OHSAS18001:2007  
Certified Company

ISO 9001:2015  
Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/19/02/A-SDC004                                                                  | Report Issue Date: | 22/02/2019 |
| Sample ID No.                     | URA/ID/A-19/02/004                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 14/02/2019                                                                          | Date of Testing    | 16/02/2019 |
| 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, 1038-DTC-2012 | 01/04/2018 | 31/03/2019      |
| UERL/AIR/FPS/06   | Fine Particulate Sampler | 270-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.25                        | 1.25            | 1.26            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 600                         | 600             | 604             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 24.33                       |                 |                 |
| 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 110                       | 58              | 88              | 85                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 374                       | 102             | 192             | 223                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 35                        | 17              | 31              | 28                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 23.6                      | 15.3            | 22.5            | 20.4               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 25.7                      | 17.5            | 21.4            | 21.5               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | BDL                       | BDL             | BDL             | BDL                | 2.0            | IS – 5182, Part – 10 |

**Note:** BDL: Below Detection Limit.

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

Sampling Done By:

(Chemist) (Supervisor)

Page No.: 1 of 1

Tested By:

(Chemist) / (Sr. Chemist)

Authorized By:

(Manager - Operations)

UERL/AIR/F-05/03

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

QCINABET Accredited EIA  
Consultant Organization

GPCB Recognized Environmental  
Auditor (Schedule-II)

OHSAS18001:2007  
Certified Company

ISO 9001:2015  
Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/19/03/A-SDC001                                                                  | Report Issue Date: | 30/03/2019 |
| Sample ID No.                     | URA/ID/A-19/03/001                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 22/03/2019                                                                          | Date of Testing    | 25/03/2019 |
| 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, 4134-DTJ-2010 | 25/10/2018 | 24/10/2019      |
| UERL/AIR/FPS/07   | Fine Particulate Sampler | 271-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.22                        | 1.25            | 1.23            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 586                         | 600             | 590             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 109                       | 58              | 73              | 80                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 238                       | 85              | 152             | 158                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 36                        | 17              | 23              | 25                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 15.7                      | 10.8            | 23.5            | 16.6               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 25.2                      | 20.4            | 19.6            | 21.7               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | BDL                       | BDL             | BDL             | BDL                | 2.0            | IS – 5182, Part – 10 |

Note: BDL: Below Detection Limit.

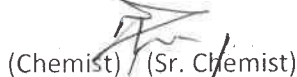
**Remark:** As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification – 2009, mention all parameter are within Specify Norms.

Sampling Done By:

  
(Chemist)/(Supervisor)

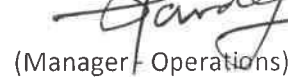
Page No.: 1 of 1

Tested By:

  
(Chemist) (Sr. Chemist)

(~D.P.)

Authorized By:

  
(Manager-Operations)

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

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

QCHNABET Accredited EA  
Consultant Organization

GPCB Recognized Environmental  
Auditor (Schedule-II)

OHSAS18001:2007  
Certified Company

ISO 9001:2015  
Certified Company

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/19/03/A-SDC002                                                                  | Report Issue Date: | 30/03/2019 |
| Sample ID No.                     | URA/ID/A-19/03/002                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 22/03/2019                                                                          | Date of Testing    | 25/03/2019 |
| 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, 1038-DTC-2012 | 01/04/2018 | 31/03/2019      |
| UERL/AIR/FPS/06   | Fine Particulate Sampler | 270-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.25                        | 1.23            | 1.27            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 600                         | 590             | 610             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 125                       | 62              | 70              | 86                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 295                       | 115             | 186             | 199                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 34                        | 14              | 25              | 24                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 24.2                      | 15.8            | 19.2            | 19.7               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 27.5                      | 14.5            | 18.2            | 21.1               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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 R T)

Page No.: 1 of 1

Tested By:

*(Signature)*  
(Chemist) / (Sr. Chemist)  
(A R T)

Authorized By:

*(Signature)*  
(Manager - Operations)  
(J-S)

UERL/ATR/F-05/03

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/19/03/A-SDC003                                                                  | Report Issue Date: | 30/03/2019 |
| Sample ID No.                     | URA/ID/A-19/03/003                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 23/03/2019                                                                          | Date of Testing    | 25/03/2019 |
| 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, 4134-DTJ-2010 | 25/10/2018 | 24/10/2019      |
| UERL/AIR/FPS/07   | Fine Particulate Sampler | 271-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.29                        | 1.26            | 1.25            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 619                         | 605             | 600             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 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 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 110                       | 46              | 69              | 75                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 327                       | 115             | 173             | 205                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 35                        | 19              | 25              | 26                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 18.3                      | 13.7            | 23.5            | 18.5               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 25.8                      | 20.4            | 17.2            | 21.1               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | BDL                       | BDL             | BDL             | BDL                | 2.0            | IS – 5182, Part – 10 |

Note: BDL: Below Detection Limit.

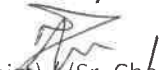
**Remark:** As per NAAQMS (National Ambient Air Quality Monitoring Standard) Notification – 2009, mention all parameter are within Specify Norms.

Sampling Done By:

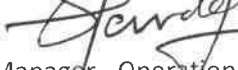
  
(Chemist)/(Supervisor)  
(A.R.T.)

Page No.: 1 of 1

Tested By:

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

Authorized By:

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

**TEST REPORT**  
**(AMBIENT AIR MONITORING)**

|                                   |                                                                                     |                    |            |
|-----------------------------------|-------------------------------------------------------------------------------------|--------------------|------------|
| Test Report No.                   | URA/19/03/A-SDC004                                                                  | Report Issue Date: | 30/03/2019 |
| Sample ID No.                     | URA/ID/A-19/03/004                                                                  | Work Order No.     | 4500039463 |
| Name & Add. of Customer           | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                    |            |
| Dates of Sampling                 | 23/03/2019                                                                          | Date of Testing    | 25/03/2019 |
| 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, 1038-DTC-2012 | 01/04/2018 | 31/03/2019      |
| UERL/AIR/FPS/06   | Fine Particulate Sampler | 270-DTE-2010            | 01/09/2018 | 31/08/2019      |

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

| Sr. No. | Description                                           | Unit of measurement | 8 Hours Observation Reading |                 |                 |
|---------|-------------------------------------------------------|---------------------|-----------------------------|-----------------|-----------------|
|         |                                                       |                     | 1 <sup>st</sup>             | 2 <sup>nd</sup> | 3 <sup>rd</sup> |
| 1.      | Flow Rate of PM <sub>10</sub>                         | m <sup>3</sup> /min | 1.24                        | 1.21            | 1.22            |
| 2.      | Volume of Air Sampled for PM <sub>10</sub>            | m <sup>3</sup>      | 595                         | 581             | 586             |
| 3.      | Volume of Air Sampled for PM <sub>2.5</sub> (24 Hrs.) | m <sup>3</sup>      | 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%

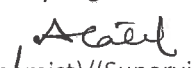
➤ **Test Parameter Results**

| Sr. No. | Test Parameter    | Unit              | 8 Hours Monitoring Result |                 |                 | Average (24 Hours) | Specific Value | Test Method          |
|---------|-------------------|-------------------|---------------------------|-----------------|-----------------|--------------------|----------------|----------------------|
|         |                   |                   | 1 <sup>st</sup>           | 2 <sup>nd</sup> | 3 <sup>rd</sup> |                    |                |                      |
| 1.      | PM <sub>10</sub>  | µg/m <sup>3</sup> | 118                       | 68              | 65              | 84                 | 100            | IS – 5182, Part - 23 |
| 2.      | SPM               | µg/m <sup>3</sup> | 352                       | 95              | 179             | 209                | --             | IS – 5182, Part - 23 |
| 3.      | PM <sub>2.5</sub> | µg/m <sup>3</sup> | 37                        | 25              | 22              | 28                 | 60             | UERL/AIR/SOP/11      |
| 4.      | Sulphur Dioxide   | µg/m <sup>3</sup> | 22.8                      | 11.7            | 25.2            | 19.9               | 80             | IS – 5182, Part – 2  |
| 5.      | Nitrogen Dioxide  | µg/m <sup>3</sup> | 28.4                      | 20.1            | 16.9            | 21.8               | 80             | IS – 5182, Part - 6  |
| 6.      | Carbon Monoxide   | mg/m <sup>3</sup> | 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)

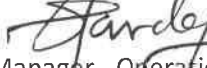
Page No.: 1 of 1

Tested By:

  
(Chemist) / (Sr. Chemist)

(~D.P.)

Authorized By:

  
(Manager - Operations)

UERL/AIR/F-05/03

### AMBIENT NOISE LEVEL MONITORING REPORT

|                           |                                                                                     |                 |            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------|------------|
| Test Report No.:          | URA/18/10/AN-SDC001                                                                 | Date Of Report: | 05/11/2018 |
| Name & Add. Of Industries | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                 |            |

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

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

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

| Date of Monitoring | Name of Site      | Noise Level – dB (A) |            |
|--------------------|-------------------|----------------------|------------|
|                    |                   | Day Time             | Night Time |
| 26/10/2018         | Gop Village       | 61.3                 | 35.0       |
| 26/10/2018         | Jeenawari Village | 58.7                 | 35.0       |
| 27/10/2018         | Gop Village       | 58.1                 | 35.0       |
| 27/10/2018         | Jeenawari Village | 57.4                 | 35.0       |

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

| Date of Monitoring | Name of Site     | Noise Level – dB (A) |            |
|--------------------|------------------|----------------------|------------|
|                    |                  | Day Time             | Night Time |
| 26/10/2018         | Chorbedi Village | 59.5                 | 35.0       |
| 27/10/2018         | Chorbedi Village | 58.7                 | 35.0       |

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

| Date of Monitoring | Name of Site     | Noise Level – dB (A) |            |
|--------------------|------------------|----------------------|------------|
|                    |                  | Day Time             | Night Time |
| 27/10/2018         | Pachhtar Village | 55.6                 | 35.0       |
| 28/10/2018         | Pachhtar Village | 59.8                 | 35.0       |

#### Note:

##### Permissible Limit :

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

Prepared By

*Acad*

Page 1 of 1

Authorized By

*[Signature]*

UERL/AIR/F-18/01

### WORK PLACE NOISE LEVEL MONITORING REPORT

|                           |                                                                                     |                 |            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------|------------|
| Test Report No.:          | URA/18/10/WN-SDC001                                                                 | Date Of Report: | 05/11/2018 |
| Name & Add. Of Industries | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                 |            |

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

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

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

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

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

| Date of Monitoring | Name of Site  | Noise Level – dB (A) |                        |                        |
|--------------------|---------------|----------------------|------------------------|------------------------|
|                    |               | Inside Cabin         | 15 Mtr. away from m/c. | 50 Mtr. away from m/c. |
| 26/10/2018         | Dozer D9 – H  | 89.7                 | 83.2                   | 75.6                   |
| 26/10/2018         | Hyundai – 140 | 88.8                 | 76.4                   | 73.5                   |
| 26/10/2018         | Mini D.G. Set | 89.2                 | 73.5                   | 72.1                   |

#### 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. |
| 27/10/2018         | Dozer D8 – R         | 89.5                 | 76.2                   | 73.1                   |
|                    | Dozer D 355          | 89.1                 | 73.6                   | 72.5                   |
| 27/10/2018         | Hyundai – 130        | 89.4                 | 74.8                   | 72.3                   |
| 27/10/2018         | Diesel Pump          | 0                    | 0                      | 0                      |
| 27/10/2018         | Wagon Drill WD – 300 | 0                    | 0                      | 0                      |

Note:

Permissible Limit :

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

Prepared By

*Acadil*

Page 1 of 1

Authorized By

*Stanley*

UERL/AIR/F-20/01

### AMBIENT NOISE LEVEL MONITORING REPORT

|                           |                                                                                     |                 |            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------|------------|
| Test Report No.:          | URA/18/11/AN-SDC001                                                                 | Date Of Report: | 30/11/2018 |
| Name & Add. Of Industries | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                 |            |

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

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

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

| Date of Monitoring | Name of Site      | Noise Level – dB (A) |            |
|--------------------|-------------------|----------------------|------------|
|                    |                   | Day Time             | Night Time |
| 20/11/2018         | Gop Village       | 64.8                 | 35.0       |
| 20/11/2018         | Jeenawari Village | 60.5                 | 35.0       |
| 21/11/2018         | Gop Village       | 56.3                 | 35.0       |
| 21/11/2018         | Jeenawari Village | 56.6                 | 35.0       |

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

| Date of Monitoring | Name of Site     | Noise Level – dB (A) |            |
|--------------------|------------------|----------------------|------------|
|                    |                  | Day Time             | Night Time |
| 20/11/2018         | Chorbedi Village | 60.4                 | 35.0       |
| 21/11/2018         | Chorbedi Village | 59.5                 | 35.0       |

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

| Date of Monitoring | Name of Site     | Noise Level – dB (A) |            |
|--------------------|------------------|----------------------|------------|
|                    |                  | Day Time             | Night Time |
| 21/11/2018         | Pachhtar Village | 58.6                 | 35.0       |
| 22/11/2018         | Pachhtar Village | 62.5                 | 35.0       |

#### Note:

#### Permissible Limit :

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

Prepared By

*Steel*

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Authorized By

*Hardey*

UERL/AIR/F-18/01

### WORK PLACE NOISE LEVEL MONITORING REPORT

|                           |                                                                                     |                 |            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------|------------|
| Test Report No.:          | URA/18/11/WN-SDC001                                                                 | Date Of Report: | 30/11/2018 |
| Name & Add. Of Industries | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                 |            |

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

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

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

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

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

| Date of Monitoring | Name of Site  | Noise Level – dB (A) |                        |                        |
|--------------------|---------------|----------------------|------------------------|------------------------|
|                    |               | Inside Cabin         | 15 Mtr. away from m/c. | 50 Mtr. away from m/c. |
| 20/11/2018         | Dozer D9 – H  | 89.2                 | 82.5                   | 74.8                   |
| 20/11/2018         | Hyundai – 140 | 88.4                 | 78.6                   | 71.5                   |
| 20/11/2018         | Mini D.G. Set | 89.5                 | 76.8                   | 71.6                   |

#### 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. |
| 21/11/2018         | Dozer D8 – R         | 88.6                 | 79.5                   | 72.4                   |
|                    | Dozer D 355          | 89.4                 | 78.4                   | 71.7                   |
| 21/11/2018         | Hyundai – 130        | 89.0                 | 80.2                   | 73.6                   |
| 21/11/2018         | Diesel Pump          | 0                    | 0                      | 0                      |
| 21/11/2018         | Wagon Drill WD – 300 | 0                    | 0                      | 0                      |

Note:

Permissible Limit :

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

Prepared By

*Arati*

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Authorized By

*Arati*

UERL/AIR/F-20/01

### AMBIENT NOISE LEVEL MONITORING REPORT

|                           |                                                                                     |                 |            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------|------------|
| Test Report No.:          | URA/18/12/AN-SDC001                                                                 | Date Of Report: | 05/01/2019 |
| Name & Add. Of Industries | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                 |            |

➤ Details of Instrument Used for Monitoring.

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

1) Gop (Composite) Limestone Mines.

| Date of Monitoring | Name of Site      | Noise Level – dB (A) |            |
|--------------------|-------------------|----------------------|------------|
|                    |                   | Day Time             | Night Time |
| 28/12/2018         | Gop Village       | 61.3                 | 35.0       |
| 28/12/2018         | Jeenawari Village | 62.5                 | 35.0       |
| 29/12/2018         | Gop Village       | 59.6                 | 35.0       |
| 29/12/2018         | Jeenawari Village | 58.7                 | 35.0       |

2) Chorbedi (Composite) Limestone Mines.

| Date of Monitoring | Name of Site     | Noise Level – dB (A) |            |
|--------------------|------------------|----------------------|------------|
|                    |                  | Day Time             | Night Time |
| 28/12/2018         | Chorbedi Village | 63.6                 | 35.0       |
| 29/12/2018         | Chorbedi Village | 60.4                 | 35.0       |

3) Pachhtar (Composite) Limestone Mines.

| Date of Monitoring | Name of Site     | Noise Level – dB (A) |            |
|--------------------|------------------|----------------------|------------|
|                    |                  | Day Time             | Night Time |
| 29/12/2018         | Pachhtar Village | 59.3                 | 35.0       |
| 30/12/2018         | Pachhtar Village | 60.6                 | 35.0       |

**Note:**

Permissible Limit :

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

Prepared By

*Acadil*

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Authorized By

*Stanley*

UERL/AIR/F-18/01

### WORK PLACE NOISE LEVEL MONITORING REPORT

|                           |                                                                                     |                 |            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------|------------|
| Test Report No.:          | URA/18/12/WN-SDC001                                                                 | Date Of Report: | 05/01/2019 |
| Name & Add. Of Industries | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                 |            |

➤ Details of Instrument Used for Monitoring.

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

1) Gop (Composite) Limestone Mines.

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

2) Chorbedi (Composite) Limestone Mines.

| Date of Monitoring | Name of Site  | Noise Level – dB (A) |                        |                        |
|--------------------|---------------|----------------------|------------------------|------------------------|
|                    |               | Inside Cabin         | 15 Mtr. away from m/c. | 50 Mtr. away from m/c. |
| 28/12/2018         | Dozer D9 – H  | 88.6                 | 80.2                   | 73.2                   |
| 28/12/2018         | Hyundai – 140 | 88.9                 | 79.5                   | 72.7                   |
| 28/12/2018         | Mini D.G. Set | 89.2                 | 78.5                   | 72.1                   |

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. |
| 29/12/2018         | Dozer D8 – R         | 89.1                 | 80.2                   | 73.7                   |
|                    | Dozer D 355          | 89.6                 | 77.5                   | 72.2                   |
| 29/12/2018         | Hyundai – 130        | 88.8                 | 79.3                   | 72.5                   |
| 29/12/2018         | Diesel Pump          | 0                    | 0                      | 0                      |
| 29/12/2018         | Wagon Drill WD – 300 | 0                    | 0                      | 0                      |

Note:

Permissible Limit :

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

Prepared By

*Seal*

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Authorized By  
*Sanjay*

UERL/AIR/F-20/01

### AMBIENT NOISE LEVEL MONITORING REPORT

|                           |                                                                                     |                 |            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------|------------|
| Test Report No.:          | URA/19/01/AN-SDC001                                                                 | Date Of Report: | 29/01/2019 |
| Name & Add. Of Industries | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                 |            |

➤ Details of Instrument Used for Monitoring.

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

1) Gop (Composite) Limestone Mines.

| Date of Monitoring | Name of Site      | Noise Level – dB (A) |            |
|--------------------|-------------------|----------------------|------------|
|                    |                   | Day Time             | Night Time |
| 18/12/2019         | Gop Village       | 63.2                 | 35.0       |
| 18/12/2019         | Jeenawari Village | 60.7                 | 35.0       |
| 19/12/2019         | Gop Village       | 61.5                 | 35.0       |
| 19/12/2019         | Jeenawari Village | 60.3                 | 35.0       |

2) Chorbedi (Composite) Limestone Mines.

| Date of Monitoring | Name of Site     | Noise Level – dB (A) |            |
|--------------------|------------------|----------------------|------------|
|                    |                  | Day Time             | Night Time |
| 19/01/2019         | Chorbedi Village | 65.8                 | 35.0       |
| 20/01/2019         | Chorbedi Village | 64.5                 | 35.0       |

3) Pachhtar (Composite) Limestone Mines.

| Date of Monitoring | Name of Site     | Noise Level – dB (A) |            |
|--------------------|------------------|----------------------|------------|
|                    |                  | Day Time             | Night Time |
| 19/01/2019         | Pachhtar Village | 63.4                 | 35.0       |
| 20/01/2019         | Pachhtar Village | 65.2                 | 35.0       |

Note:

Permissible Limit :

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

Prepared By

*Asad*

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*Handwritten Signature*

UERL/AIR/F-18/01

### WORK PLACE NOISE LEVEL MONITORING REPORT

|                           |                                                                                     |                 |            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------|------------|
| Test Report No.:          | URA/19/01/WN-SDC001                                                                 | Date Of Report: | 29/01/2019 |
| Name & Add. Of Industries | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                 |            |

➤ Details of Instrument Used for Monitoring.

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

1) Gop (Composite) Limestone Mines.

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

2) Chorbedi (Composite) Limestone Mines.

| Date of Monitoring | Name of Site  | Noise Level – dB (A) |                        |                        |
|--------------------|---------------|----------------------|------------------------|------------------------|
|                    |               | Inside Cabin         | 15 Mtr. away from m/c. | 50 Mtr. away from m/c. |
| 18/01/2019         | Dozer D9 – N  | 87.3                 | 81.5                   | 72.7                   |
| 18/01/2019         | Hyundai – 140 | 88.5                 | 80.2                   | 73.1                   |
| 18/01/2019         | Mini D.G. Set | 88.8                 | 80.6                   | 73.4                   |

3) Pachhtar (Composite) Limestone Mines.

| Date of Monitoring | Name of Site  | Noise Level – dB (A) |                        |                        |
|--------------------|---------------|----------------------|------------------------|------------------------|
|                    |               | Inside Cabin         | 15 Mtr. away from m/c. | 50 Mtr. away from m/c. |
| 19/01/2019         | Dozer D8 – R  | 89.4                 | 79.6                   | 72.6                   |
|                    | Dozer D 355   | 88.9                 | 78.3                   | 73.4                   |
| 19/01/2019         | Hyundai – 130 | 88.5                 | 78.7                   | 72.8                   |

Note:

Permissible Limit :

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

Prepared By

*A. Patel*

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*[Signature]*

UERL/AIR/F-20/01

### AMBIENT NOISE LEVEL MONITORING REPORT

|                           |                                                                                     |                 |            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------|------------|
| Test Report No.:          | URA/19/02/AN-SDC001                                                                 | Date Of Report: | 22/02/2019 |
| Name & Add. Of Industries | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                 |            |

➤ Details of Instrument Used for Monitoring.

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

1) Gop (Composite) Limestone Mines.

| Date of Monitoring | Name of Site      | Noise Level – dB (A) |            |
|--------------------|-------------------|----------------------|------------|
|                    |                   | Day Time             | Night Time |
| 13/02/2019         | Gop Village       | 66.1                 | 35.0       |
| 13/02/2019         | Jeenawari Village | 63.4                 | 35.0       |
| 14/02/2019         | Gop Village       | 64.8                 | 35.0       |
| 14/02/2019         | Jeenawari Village | 64.5                 | 35.0       |

2) Chorbedi (Composite) Limestone Mines.

| Date of Monitoring | Name of Site     | Noise Level – dB (A) |            |
|--------------------|------------------|----------------------|------------|
|                    |                  | Day Time             | Night Time |
| 14/02/2019         | Chorbedi Village | 64.2                 | 35.0       |
| 25/02/2019         | Chorbedi Village | 61.7                 | 35.0       |

3) Pachhtar (Composite) Limestone Mines.

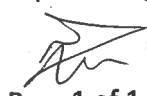
| Date of Monitoring | Name of Site     | Noise Level – dB (A) |            |
|--------------------|------------------|----------------------|------------|
|                    |                  | Day Time             | Night Time |
| 14/02/2019         | Pachhtar Village | 66.5                 | 35.0       |
| 15/02/2019         | Pachhtar Village | 64.3                 | 35.0       |

**Note:**

**Permissible Limit :**

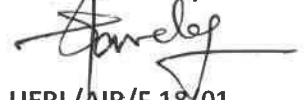
Day Time: 75> dB (A) Night Time: 70> dB (A)

Prepared By



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UERL/AIR/F-18/01

### WORK PLACE NOISE LEVEL MONITORING REPORT

|                           |                                                                                     |                 |            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------|------------|
| Test Report No.:          | URA/19/02/WN-SDC001                                                                 | Date Of Report: | 22/02/2019 |
| Name & Add. Of Industries | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                 |            |

➤ Details of Instrument Used for Monitoring.

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

1) Gop (Composite) Limestone Mines.

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

2) Chorbedi (Composite) Limestone Mines.

| Date of Monitoring | Name of Site  | Noise Level – dB (A) |                        |                        |
|--------------------|---------------|----------------------|------------------------|------------------------|
|                    |               | Inside Cabin         | 15 Mtr. away from m/c. | 50 Mtr. away from m/c. |
| 13/02/2019         | Dozer D9 – N  | 86.3                 | 80.4                   | 74.2                   |
| 13/02/2019         | Hyundai – 140 | 87.9                 | 79.5                   | 73.6                   |
| 13/02/2019         | Mini D.G. Set | 88.5                 | 81.3                   | 74.0                   |

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. |
| 14/02/2019         | Dozer D8 – R  | 89.1                 | 79.3                   | 73.0                   |
|                    | Dozer D 355   | 88.4                 | 78.8                   | 73.2                   |
| 14/02/2019         | Hyundai – 130 | 89.2                 | 79.0                   | 73.3                   |

Note:

Permissible Limit :

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

Prepared By



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UERL/AIR/F-20/01

### AMBIENT NOISE LEVEL MONITORING REPORT

|                           |                                                                                     |                 |            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------|------------|
| Test Report No.:          | URA/19/03/AN-SDC001                                                                 | Date Of Report: | 30/03/2019 |
| Name & Add. Of Industries | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                 |            |

➤ Details of Instrument Used for Monitoring.

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

1) Gop (Composite) Limestone Mines.

| Date of Monitoring | Name of Site      | Noise Level – dB (A) |            |
|--------------------|-------------------|----------------------|------------|
|                    |                   | Day Time             | Night Time |
| 22/03/2019         | Gop Village       | 68.3                 | 35.0       |
| 22/03/2019         | Jeenawari Village | 65.2                 | 35.0       |
| 23/03/2019         | Gop Village       | 62.6                 | 35.0       |
| 23/03/2019         | Jeenawari Village | 65.7                 | 35.0       |

2) Chorbedi (Composite) Limestone Mines.

| Date of Monitoring | Name of Site     | Noise Level – dB (A) |            |
|--------------------|------------------|----------------------|------------|
|                    |                  | Day Time             | Night Time |
| 24/03/2019         | Chorbedi Village | 65.6                 | 35.0       |
| 25/03/2019         | Chorbedi Village | 62.2                 | 35.0       |

3) Pachhtar (Composite) Limestone Mines.

| Date of Monitoring | Name of Site     | Noise Level – dB (A) |            |
|--------------------|------------------|----------------------|------------|
|                    |                  | Day Time             | Night Time |
| 24/03/2019         | Pachhtar Village | 63.8                 | 35.0       |
| 25/03/2019         | Pachhtar Village | 65.2                 | 35.0       |

**Note:**

Permissible Limit :

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

Prepared By

*A. Patel*

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Authorized By

*[Signature]*

UERL/AIR/F-18/01

### WORK PLACE NOISE LEVEL MONITORING REPORT

|                           |                                                                                     |                 |            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------|------------|
| Test Report No.:          | URA/19/03/WN-SDC001                                                                 | Date Of Report: | 30/03/2019 |
| Name & Add. Of Industries | M/s. Shree Digvijay Cement Co. Ltd.<br>Digvijaygram – 361140,<br>Jamnagar (Gujarat) |                 |            |

➤ Details of Instrument Used for Monitoring.

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

1) Gop (Composite) Limestone Mines.

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

2) Chorbedi (Composite) Limestone Mines.

| Date of Monitoring | Name of Site  | Noise Level – dB (A) |                        |                        |
|--------------------|---------------|----------------------|------------------------|------------------------|
|                    |               | Inside Cabin         | 15 Mtr. away from m/c. | 50 Mtr. away from m/c. |
| 22/03/2019         | Dozer D9 – N  | 88.5                 | 82.3                   | 74.7                   |
| 22/03/2019         | Hyundai – 140 | 88.1                 | 80.5                   | 74.1                   |
| 22/03/2019         | Mini D.G. Set | 88.9                 | 82.4                   | 74.5                   |

3) Pachhtar (Composite) Limestone Mines.

| Date of Monitoring | Name of Site  | Noise Level – dB (A) |                        |                        |
|--------------------|---------------|----------------------|------------------------|------------------------|
|                    |               | Inside Cabin         | 15 Mtr. away from m/c. | 50 Mtr. away from m/c. |
| 23/03/2019         | Dozer D8 – R  | 88.7                 | 81.5                   | 73.8                   |
|                    | Dozer D 355   | 88.9                 | 79.3                   | 74.0                   |
| 23/03/2019         | Hyundai – 130 | 89.0                 | 80.7                   | 74.0                   |

Note:

Permissible Limit :

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

Prepared By

*Aceel*

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Authorized By

*Stanley*

UERL/AIR/F-20/01



SINCE 1944

**Annexure D**

**CHORBEDI (COMPOSITE) LIMESTONE MINES**

**YEARLY EXPENDITURE STATEMENT**

**FOR ENVIRONMENT MANAGEMENT**

2018-19

| <b>S.No.</b> | <b>WORK</b>                                                   | <b>AMOUNT<br/>in Rs.</b> |
|--------------|---------------------------------------------------------------|--------------------------|
| 1            | Ambient Air & Noise Monitoring                                | 79200                    |
| 2            | Water Sprinkling on haul roads                                | 232047                   |
| 3            | Purchasing of Sapling                                         | 2000                     |
| 4            | Diging of holes                                               | 6000                     |
| 5            | Manure                                                        | 1000                     |
| 6            | Transportation of Soil                                        | 1500                     |
| 7            | Recurring Expenses for Security and Maintenance of Plantation | 136000                   |
| 8            | Maintenance of fencing                                        | 14350                    |
| 9            | Others                                                        | 0                        |
|              | <b>Total</b>                                                  | <b>472097</b>            |