



By E-mail

Gop2/SEIAA/HYC/C/302/2958

Date- 31.05.2022

To,
Deputy Director General of Forests (C)
Integrated Regional Office, Gandhi Nagar
Ministry of Environment, Forest & Climate Change,
A- Wing -407 & 409, Aranya Bhawan,
Near CH -3 Circle Sector-10 A,
Gandhinagar -382010 (Gujarat)

Subject: Submission of Compliance Report of the conditions as laid down in the Environmental Clearance letter no. SEIAA/GUJ/EC/1(a)/774/2021 dated 10.06.2021 in respect of Gop- 2 Limestone Mines for the half year period Oct. 2021 to March 2022.

Respected Sir,

Please find attached herewith Pointwise compliance status to various stipulations, as laid-down in Environmental Clearance letter No. SEIAA/GUJ/EC/1(a)/774/2021 dated 10.06.2021 with supporting documents, is enclosed with the following Annexure: -

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

We hope that you will find the above submission in order

Thanking you,

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


Malaya Kumar Rout
Manager (Mines)

Enclosures - As Above

Copy To:

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

**SHREE DIGVIJAY
CEMENT CO. LTD.**

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

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SHREE DIGVIJAY CEMENT COMPANY LIMITED

GOP 2 LIMESTONE MINE

STATUS OF COMPLIANCE

Period: October 2021 to March 2022

Point wise compliance status to various stipulations as laid down in the Environmental Clearance letter No. SEIAA/GUJ/EC/1(a)/774/2021 dated 10.06.2021:

Sl. No.	CONDITIONS	COMPLIANCE STATUS
SPECIFIC CONDITIONS:		
1	Project proponent shall comply with all the guidelines and notifications issued by MOEFCC, New Delhi regarding cluster policy as part of compliance of orders of Hon'ble National Green Tribunal from time to time.	Not Applicable; No Cluster in the Area.
2	If lease area of project proponent falls in the cluster and total borrowed area of the cluster falls under category B1 or A, as per the prevailing guidelines of MoEFCC, New Delhi, all the concerned procedures shall be followed up accordingly for compliance of Environmental Laws/ Notifications/Rules and under such circumstances project proponent shall extend all support including financial contribution or otherwise also for compliance of environmental Laws/Notifications/Rules for such cluster.	Not Applicable; The Area does not fall under Cluster.
3	If lease area of applicant falls in the cluster and total borrowed area of the cluster fall under category B1 or A, EIA study shall be carried out for the said cluster as decided by the competent authority and EMP for the cluster shall be prepared based on outcome of the EIA study. In such a case, all the suggestions/ recommendations of EIA/EMP prepared for the cluster shall be complied with in a letter and spirit by the project proponent(s) including lease holders who have already been accorded Environmental Clearance.	Not Applicable. The Area does not fall under Cluster.
4	The project proponent shall obtain registration of the establishment under the 'Building and other Construction Workers' (regulation of Employment & Conditions of Service) Act, 1996 and shall comply with the provisions of the Act for the Safety, Health and Welfare of Mining Workers.	Not applicable.
5	The project proponent shall obtain registration of the Mining Workers as Beneficiaries with the Gujarat Building and other Construction Workers Welfare Boards.	Not applicable, as the mine is covered under the Mines Act 1952.

Sl. No.	CONDITIONS	COMPLIANCE STATUS
6	To conduct study for health check-up of the mine workers through accredited agency including the respiratory/lungs related ailments and prepare a report for the impact of mining on the health of workers.	Occupational health surveillance of the mine worker is being taken periodically. Initial (IME) & Periodical medical examination (PME) of all the mine workers is done as statutory – Form – O under rule 29-B of Mines Rule 1955 is being carried out. 
7	PP shall carry out plantation in first year and maintain the same in subsequent years of lease period.	Plantations are being carried out in and around the mines site. 9168 No. of plants planted during the year 2021-22 and shall be maintained in subsequent years. 
8	No ground water extraction shall be done from within the lease/permit area.	Noted. No Dewatering being performed.

Sl. No.	CONDITIONS	COMPLIANCE STATUS
9	PP shall construct a pacca approach road connecting lease area to the main road with periodic regular maintenance to prevent fugitive dust emission.	Pacca road provided. Periodic regular maintenance to prevent fugitive dust emission is being done. 
10	Pillars mentioning boundary of the lease area shall be provided as per the provision of mining rules/Acts to identify the lease area.	Pillars mentioning boundary of the lease area are already erected. 
11	A brick/stone parapet wall of 3.5 feet surrounding to the excavated mine pit shall be constructed to prevent casualty.	Complied. We have constructed stone parapet bund (3.5 feet) around excavated mine pit area. Picture of the same depicted below. 
12	Transportation route for vehicles carrying mineral shall have least minimum pass near human habitation.	The route of transport vehicle is selected as shortest route for carry limestone from mines to plant.
13	PP shall spend amount of CER after identifying activities in consultation with village gram panchayat.	Noted.
14	PP shall implement all the measures proposed in EMP in letter and spirit.	Noted & being complied. Under EMP, Programs like greenbelt development, water sprinkling regular monitoring of environmental parameters etc. are being carried out regularly.

Sl. No.	CONDITIONS	COMPLIANCE STATUS
15	Validity of the EC shall be conterminous with validity of lease or thirty years whichever is early.	Noted. Validity of Lease is up to 31.03.2030.
16	PP shall address all the concerns of the public residing in vicinity and propose need- based activities preferably covering environmental aspects which shall be part of EMP as per OM dtd 30.09.2020	Being complied. Programs like Sawachhta Pakhwada, Awareness sessions, plantation drive etc. are being organised time to time in community. 
17	PP shall implement all safety measures including protection of lighting in mine as per the guidance manual of DGMS vide circular No. DGMS (Tech) Circular No: 10 of 2020 dtd. 23 June 2020.	Complied. Lighting arrestor have been installed at mines 
18	Dust mitigation measures due to mining, handling of mineral, loading, unloading, transportation and other allied activities shall be implemented in letter and spirit similar to the applicable measures guided in Notification issued by MoEF &CC dated 25/01/2018 vide GSR 94(E).	Being complied. To control fugitive dust emission water spraying is being practiced on haul road and other mining areas. Ambient air quality monitoring is being done regularly and results are well within the stipulated norms. Trees of native species are being planted in and around the mines site. Limestone is being transported with carrying right load and provided with cover from tarpaulin.

Sl. No.	CONDITIONS	COMPLIANCE STATUS
		
19	Vide OM of MoEF & CC dated 16/01/2020, PP shall after ceasing mining operations, undertake re-grassing the mining area and any other area which have been disturbed due to their mining activities and restore the land to a condition which is fit for the growth of fodder, flora and fauna etc.	Noted. Shall be done.
20	All the measures mentioned in approved mining plan shall be complied with in a letter and spirit.	Being complied. Mining operations are being carried out as per approved mining plan. 
21	No mining shall be undertaken outside the area specified in this Environmental Clearance.	Noted. Mining is being carried out as approved mining plan.
22	There shall be no Blasting for mining activity.	Noted & being complied.
23	Any change in lease area (Individual/cluster), survey number, entailing capacity addition with change in mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 as amended from time to time.	Noted.

CONDITIONS:		
A1	WATER:	
Sl. No.	CONDITIONS	COMPLIANCE STATUS
25	Mining operation shall not intersect ground table and hence there shall not be any water / wastewater discharge from mining operations	Ground Water is not encountered during mining operations. Mining is being carried out as per Approved mining plan and no ground will intersect. The Limestone thickness in the area is 1-6 mtrs from GL, whereas the Water table lies about 14-20 mtrs BGL, so there is no possibility of working below Ground Water.
26	Garland Drains, settling tank and Catch drains of appropriate size, gradient and length shall be constructed around the excavated mine, mineral dumps, reject dumps to prevent silt and sediments flowing into any water body.	Construction of Garland Drains: For Waste Dump: Not applicable as there is no waste. For Mines: The mining is being done in slope and bottom of the hilly area following limestone deposits. Water flowing downwards from catchment is trapped into Mine Pits through water channels (Drains).
27	Domestic wastewater shall be disposed off through septic tank - soak pit.	Complied.
A2	AIR:	
28	Effective safeguards, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points.	Being complied. To control fugitive dust emission water spraying is being practiced on haul road and other mining areas like mines faces, loading points etc.
29	Drills shall either be operated with dust extractors or equipped with water injection system (wet drilling) to suppress air borne dust during drilling.	No Drilling and Blasting is practised. Drilling & Blasting has been replaced by Eco-Friendly mining machineries using Ripper – Dozer and Excavator combination. 

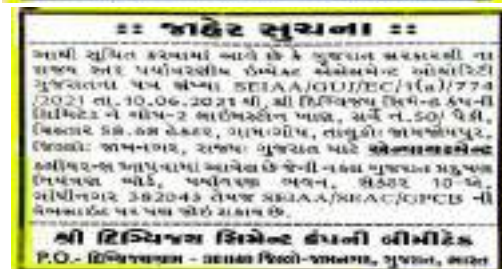
Sl. No.	CONDITIONS	COMPLIANCE STATUS
31	Vehicles shall not be overloaded, and mineral transportation shall be done only through covered trucks so that no spillage of mineral / dust take place.	Being complied. Limestone is being transported with carrying right load and provided with cover from tarpaulin. 
32	Vehicles used in mining operations shall be maintained well so as to keep vehicular emissions in control.	Being complied. Vehicles are being maintained & checked regularly. Vehicle fitness certificate is attached herewith as Annexure – II. 
33	Fugitive emission in workplace and ambient air shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities.	Being complied. Monitoring is being carried out regularly and results are well within the stipulated norms. The monitoring report for the period October 2021 to March 2022 is attached herewith as Annexure – III.
34	Ambient air quality shall be monitored at site and the nearest human habitation, and it shall conform to the norms prescribed by the MoEF, Govt. of India.	AAQM is being carried out on regular basis and results are well within the stipulated norms. The monitoring report is attached as ANNEXURE IV

		
A3	OVER BURDEN / REJECTS I HAZARDOUS WASTE:	
Sl. No.	CONDITIONS	COMPLIANCE STATUS
36	Topsoil from the mining area shall be scrapped, stacked separately, preserved, and utilized for the plantation work.	Whatever topsoil available, is scrapped and being utilized for the plantation work.
37	Overburden, waste rock and non-saleable mineral generated during prospecting or mining operations shall be stored separately in properly formed dumps on grounds earmarked. Slope and height of such dumps shall be restricted adequately to prevent any slippage of material. Such dumps should be properly terraced, stabilized and secured at toe to prevent the escape of material that may cause degradation of the surrounding land or silting of water courses.	No Overburden, No Dumps.
38	Overburden or other rejects shall be backfilled into the worked out quarry so far as possible with a view to restore the land to its original use or desired alternate use.	There is no overburden hence backfilling is not possible. As per Approved Mining Plan and Progressive Mine Closure Plan, Water Reservoir is proposed.
39	Used oil / waste oil, if any, generated shall be sold only to the registered recyclers. In case of generation of hazardous waste, the project proponent shall strictly comply with the provisions of Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008, as may be amended from time to time.	Used Oil is being sent to our Cement Plant at Digvijaygram for internal uses.
A4	SAFETY:	
40	Anti-vibration devices shall be provided to vibrating tools / equipment to be used by workers during mining. Vibrations shall be maintained within safe limit.	Being complied.

Sl. No.	CONDITIONS	COMPLIANCE STATUS
42	First Aid Box should be made readily available at the site.	Being complied. First Aid facilities are provided at various places in the mines area. 
43	Occupational health surveillance of workers shall be undertaken periodically by a doctor who is expert in occupational health and hygiene and its records shall be maintained.	Being complied. Occupational health surveillance program of the workers is being taken regularly and Periodic Medical Examination (PME) of all the workmen is done at statutory intervals. Initial / Periodical Medical Examination is being carried out for following parameters as per Form O under rule 29 B of Mines Rules 1955 for all employees General Development: Height, Weight, Eye, Ears, Respiratory System, Circulatory System, Nervous System, Locomotor System, Hydrocele Any other abnormality. Urine, Skiagram of Chest, Cardiological Assessment, Neurological Assessment, ILO-Chest Radiograph, Spirometry, Audiometry, Pathological Test (Blood Sugar – Fasting & Post Prandial). So far not a single case is detected for dust borne disease. 
44	Information regarding occupational mine diseases caused due to air pollution and its preventive measures shall be displayed at site in vernacular language for workers.	Noted and being complied. 

Sl. No.	CONDITIONS	COMPLIANCE STATUS												
45	Noise level in and around the lease area shall be kept well within the standards by providing noise control measures including engineering control like acoustic insulation, hoods, silencers, enclosures etc. on all sources of noise generation. Ambient noise level shall conform to the standards prescribed under the Environment (Protection) Act & Rules, 1986.	Being complied. Noise Monitoring is being carried out regularly and results are well within the stipulated norms. The Noise monitoring report is attached as ANNEXURE V 												
A6	GREEN BELT DEVELOPMENT:													
46	Green belt shall be developed in periphery of the lease area as per the CPCB guidelines and strictly as per the time schedule. The green belt should comprise of rows of varying height native trees with thick foliage.	Noted and being complied. Trees of native species are being planted in and around the mines site. <table><tr><th>Year</th><th>Nos of Saplings planted</th></tr><tr><td>2018-19</td><td>200</td></tr><tr><td>2019-20</td><td>2629</td></tr><tr><td>2020-21</td><td>3845</td></tr><tr><td>2021-22</td><td>1968</td></tr><tr><td>Total</td><td>8642</td></tr></table> 	Year	Nos of Saplings planted	2018-19	200	2019-20	2629	2020-21	3845	2021-22	1968	Total	8642
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2021-22	1968													
Total	8642													
47	Drip irrigation system shall be used for the green belt development within the premises.	Being complied: Drip irrigation is being practiced in mines area for watering in plantation. The drip irrigation picture is depicted below. 												

Sl. No.	CONDITIONS	COMPLIANCE STATUS
48	The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's Office Memorandum No. F.No.22-65/2017-IA.III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.	Noted.
49	This Environmental Clearance does not confer any right to the project proponent on the land proposed for lease and all necessary statutory clearances / permissions shall be obtained from respective department before start of mining operations.	Noted. This is an operative mine since 1966 and all statutory permission has been obtained.
50	Mining operation shall be restricted to above ground water table, and it shall be ensured that it does not intersect ground water table.	Ground Water is not encountered during mining operations. Mining is being carried out as per Approved mining plan and no ground will intersect. The Limestone thickness in the area is 1-6 mtrs from GL, whereas the Water table lies about 14-20 mtrs BGL, so there is no possibility of working below Ground Water.
51	The project proponent shall ensure that no natural water course gets obstructed due to mining operations.	Noted and being complied. Mining is carried out as per approved mining plan.
52	The pits left unfilled in lease area shall be converted to water body. Higher benches of excavated void/mining pit shall be terraced, and its slope shall be made gentler for easy accessibility to the water body.	Noted. The water reservoirs are proposed.
53	No mining shall be carried out in the safety zone of any bridge / embankment and in the vicinity of natural /manmade archeological sites.	Noted. Mining is being carried out as per approved mining plan.
54	No wildlife habitat shall be infringed and in addition to that before issuing the mining lease, it has to be ensured that no wildlife movement shall be existing in the lease area proposed for mining.	Noted.
55	A booklet containing the Dos and Don'ts shall be prepared in vernacular languages for the use of site in-charge and workers to ensure that all necessary environmental, safety and health measures are undertaken.	Noted and being complied. 

Sl. No.	CONDITIONS	COMPLIANCE STATUS
57	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management	Noted. We are communicating our agreement for the compliance of the condition.
58	Half yearly compliance reports on the conditions stipulated herein above shall be submitted to the SEIAA. State Pollution Control Board and the Regional Office of the Ministry of Environment and Forests. Bhopal, on 1st June and 1st December of each calendar year by individual project proponent.	Being complied. Half yearly report is being submitted by email to SEIAA in stipulated time period to State Pollution Control Board and the Regional Office of the Ministry of Environment Forest & Climate Change/all concerned offices. Last half yearly compliance report submitted vide letter no GOP-2/SEIAA/HYC/C/302/ 2558 Dtd. 30.11.2021.
59	The project proponent shall have to comply with the provisions of Gujarat Minor Mineral Concession Rules (GMMCR) as and when amended by the State Govt. with respect to the provisions for approval of mining plan, EMP for cluster, creation of separate corpus, etc. in view of the recommendations made by the MoEF in its report of March 2010 and the model guidelines framed by the Ministry of Mines.	Not Applicable.
60	Decisions/Directions of Hon'ble Court and Hon'ble National Green Tribunal given in the matter of minor minerals shall be binding on the project proponent.	Not Applicable
61	The Individual project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	We have published Environment Clearance information in the two local newspapers dated 17.07.2021 The publication has appeared in the - (1) Times of India - Ahmedabad Edition (2) Divya Bhaskar - Rajkot edition  

Sl. No.	CONDITIONS	COMPLIANCE STATUS
63	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted.
64	The project proponent in a time bound manner shall implement these conditions The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986 and Hazardous Wastes (Management Handling and Transboundary) Rules, 2008 along with their amendments and rules.	Noted.
65	The environmental clearance is being issued without prejudice to the action. if any, initiated under the E.P. Act or any court case, if any pending in the court of law and it does not mean that the project proponent has not violated any environmental laws in the past. This clearance does not give immunity to the project proponent for the case, if any, filed against him in any court of law or action initiated under the E.P. Act.	Noted.
66	Precise mining area shall be jointly demarcated at the site by officials of Mining / Revenue Department prior to mining operations. Records of such site plan duly verified by competent authority shall be maintained.	Complied.
67	The project proponent shall carry out activities under CSR in consultation with the District Development Officer / District Collector,	Noted and being complied. 
68	Geology and Mining Department will take all measures to comply with all the conditions stipulated in this Environmental Clearance and all the conditions stipulated in this clearance shall be incorporated while granting lease to individual lease holder.	Noted. It is an operative mine.

Sl. No.	CONDITIONS	COMPLIANCE STATUS
70	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010	Noted.
71	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.	Noted

FORM V

Environment Audit Report for the financial year ending the 31st March 2022

PART – A

1. Name & Address of the Owner/
Occupier of the Industry
Operation or process : **Shree Digvijay Cement Co. Ltd.
GOP (Composite) Limestone Mine
Survey No.50 /17, Village-Gop/Jeenavari,
Taluka-Jamjodhpur, Distt. - Jamnagar
(Gujarat)**
2. Industry Category :
Primary: (STC Code) : **Mining Industry**
Secondary: (SIC Code)
3. Production Capacity : **0.25 Million TPA**
4. Year of Establishment : **01.06.1978 & 17.06.86**
5. Date of the last Environmental
Statement submitted : **22.05.2021**

PART – B

Water & Raw Material Consumption

(i) * Water consumption M³ / day

Process	:	0
Cooling	:	0
Domestic (Drinking)	:	20.0 KL
Dust Suppression	:	1.70 KL
Plantation	:	0.60 KL

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

	Name of products	Process water consumption per unit of product	
		During previous Financial Year 2020-21	During current Financial Year 2021-22
	LIMESTONE	Not Applicable	Not Applicable

(ii) Raw material consumption

S. No.	Name of raw materials	Name of Products	Consumption of raw material per unit of output	
			During the previous financial year 2020-21	During the current financial year 2021-22
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		80512 L	77400 L
8	Lubricant oil		1509 L	394 L
9	Grease		233.5 Kg	97.5 Kg

PART – C

Pollution discharged to Environment/unit of output

(Parameter as specified in the consent issued)

	Pollutants	Qty. of pollutants discharged (Kg/Day)	Concentration of pollutants in discharges (Mg/Nm ³)	Percentage of variation from prescribed standard with reasons
(a)	Water	9 KL goes to ground through septic tank and soak pit,		
(b)	Air	Enclosed Annexure-1		
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Note: The prescribed limit of concentration as per the Consent issued –

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

PART – D

Hazardous Wastes

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

	Hazardous Wastes	Total Quantity (Kg.)	
		During the previous Financial Year-2020-21	During the current Financial Year-2021-22
(a)	From Process (Used Oil from Machines)	70 Litres	40 Litres
(b)	From pollution control facilities	-	-

PART – E

(Solid Wastes)

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

PART - F

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

The used oil when taken out of machine at oil change time, it is collected in an empty barrel. This oil is reused for external lubrication of running moving parts of loading machine and lubrication system of drill 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. Dust suppressed on haul road by water sprinkling.
2. Fumes and smoke emissions from HEMM controlled by regular maintenance and timely overhaul of engines.
3. Tarpaulin covering on the transporting vehicle before leaving the mine site.
4. AAQ monitoring is done on regular basis. Contract awarded to Royal Environment Auditing and consultancy Service, Rajkot and reports are submitted to GPCB, Gandhinagar, MOEF, New Delhi and Regional Office of MOEF.

PART - I

Any other particulars for improving the quality of the environment

Following are various measures taken by us: -

1. Adequate plantation has been done in mines.
2. Mining is carried out as per Approved Mining Plan.
3. Sense of creating & maintaining clean environment among the employees are being created by celebrating Mines Environment and Mineral Conservation Week every year and Environment Day and other such functions time to time on Environment, keeping slogan boards on environment etc.

Date: 07.04.2022

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


Name: MALAYA KUMAR ROUT
Designation: Manager (Mines)
Address: Shree Digvijay Cement Co. Ltd.
P.O. Digvijaygram 361140
(Via) Jamnagar, Gujarat

**Royal***Annexure - B***Environment Auditing & Consultancy Service**

303-304, Shivdik-7, B/s. Bal Adalat, Gondal Road, RAJKOT - 360 002

Ph : +91 281 2360695 • E-mail : royaleenvironment@live.com • admin@royalconsultancy.com

Ref. No.: 792/10/2021-22

Date: 30/10/2021

**REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone
GOP MINES : OCTOBER 2021 (1st time)**

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Nr. Office Area			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	—	05/10/2021	05/10/2021	06/10/2021	06/10/2021
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	NW	NW	NW	NW
04.	Average Wind Speed	Km./Hrs.	1 to 13	1 to 13	1 to 13	1 to 13
05.	Average flow rate during sampling	m3/minutes	1.16	1.21	1.16	1.18
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	33.6	31.5	34.2	33.1
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	66.7	62.5	63.8	64.3
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	15.5	13.4	16.2	15.0
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	24.5	22.6	23.4	23.5

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Cagesuse Sampling Kit- AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 17/06/2020

Royal Environment Auditing & Consultancy Service

*Ashish*
Analyst



Royal

Environment Auditing & Consultancy Service

303-304, Shivalk-7, B/s. Bal Adalat, Gondal Road, RAJKOT - 360 002.

Ph: +91 281 2360695 • E-mail: royaienvironment@live.com • admin@royalconsultancy.com

Ref No : 853/10/2021-22

Date: 30/10/2021

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : OCTOBER 2021 (2nd time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Nr. Office Area			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	—	23/10/2021	23/10/2021	24/10/2021	24/10/2021
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	NW	NW	NW	NW
04.	Average Wind Speed	Km./Hrs.	1 to 16	1 to 16	1 to 16	1 to 16
05.	Average flow rate during sampling	m ³ /minutes	1.16	1.12	1.20	1.16
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	34.2	33.6	37.2	35.0
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	66.2	63.9	61.0	63.7
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	14.2	13.9	15.4	14.5
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	22.6	23.4	20.1	22.0

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseouse Sampling Kit- AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 17/06/2020

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Ref. No : 892/11/2021-22

Date : 30/11/2021

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : NOVEMBER 2021 (1st time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Nr. Office Area			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01	Date of sampling	—	10/11/2021	10/11/2021	11/11/2021	11/11/2021
02	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03	Dominant Wind Direction (From)	—	NE	NE	NE	NE
04	Average Wind Speed	Km./Hrs.	1 to 16	1 to 16	1 to 16	1 to 16
05	Average flow rate during sampling	m ³ /minutes	1.12	1.19	1.20	1.17
06	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08	Measured Concentration of PM 2.5	µg/m ³	31.6	34.5	32.8	33.0
09	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10	Measured Concentration of PM 10	µg/m ³	64.5	63.8	61.6	63.3
11	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12	Measured Concentration of SO ₂	µg/m ³	14.2	15.9	13.7	14.6
13	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14	Measured Concentration of NO ₂	µg/m ³	22.3	21.6	20.8	21.6

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseouse Sampling Kit: AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 17/06/2020

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Ref. No. 953/11/2021-22

Date: 30/11/2021

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : NOVEMBER 2021 (2nd time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Nr. Office Area			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	—	23/11/2021	23/11/2021	24/11/2021	24/11/2021
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	NE	NE	NE	NE
04.	Average Wind Speed	Km./Hrs.	2 to 18	2 to 18	2 to 18	2 to 18
05.	Average flow rate during sampling	m3/minutes	1.12	1.21	1.16	1.16
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	30.6	32.5	34.9	32.7
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	62.5	61.9	63.7	62.7
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	13.6	14.5	12.7	13.6
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	22.5	21.6	23.8	22.6

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseous Sampling Kit- AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 17/06/2020

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Ref. No. : 962/12/2121-22

Date: 27/12/2021

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : DECEMBER 2021 (1st time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Nr. Office Area			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	---	08/12/2021	08/12/2021	09/12/2021	08/12/2021
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	NW	NW	NW	NW
04.	Average Wind Speed	Km/Hrs.	3 to 13	3 to 13	3 to 12	3 to 13
05.	Average flow rate during sampling	m ³ /minutes	1.16	1.10	1.20	1.16
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	35.4	29.7	34.2	33.1
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	61.2	58.4	64.3	61.3
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	11.6	12.1	15.5	13.1
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	25.8	18.6	23.2	22.6

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL. Gaseous Sampling Kit AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 17/06/2020

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Ref. No. : 1053/12/2021-22

Date: 27/12/2021

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : DECEMBER 2021 (2nd time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 351 140

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Hr. Office Area			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
D1.	Date of sampling	---	20/12/2021	20/12/2021	21/12/2021	21/12/2021
Q2.	Duration of Sampling	Hrs.	8:00	8:00	8:00	24:00
Q3.	Dominant Wind Direction (From)	---	NW	NW	NW	NW
Q4.	Average Wind Speed	Km./Hrs.	3 to 16	3 to 16	3 to 16	3 to 16
Q5.	Average flow rate during sampling	m ³ /minutes	1.20	1.10	1.20	1.17
Q6.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
Q7.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
Q8.	Measured Concentration of PM 2.5	µg/m ³	34.7	28.9	31.6	32.0
Q9.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
Q10.	Measured Concentration of PM 10	µg/m ³	58.2	64.8	60.7	61.2
Q11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
Q12.	Measured Concentration of SO ₂	µg/m ³	15.8	10.2	14.4	13.5
Q13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
Q14.	Measured Concentration of NO ₂	µg/m ³	25.4	17.9	21.6	21.6

Instrument used: 1) EcoTech RDS, Model No. AAS-217EL, Gasous Sampling Kit: AAS 109 & PM 2.5 Sampler: AAS 127

Calibrate Done on: 17/06/2020

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Ref. No. :192/01/2021-22

Date: 01/02/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : JANUARY 2022 (1st time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Near Weigh Bridge			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	—	06/01/2022	06/01/2022	07/01/2022	07/01/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	NE	NE	NE	NE
04.	Average Wind Speed	Km./Hrs.	1 to 15	1 to 15	1 to 15	1 to 15
05.	Average flow rate during sampling	m3/minutes	1.18	1.20	1.10	1.16
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	32.5	34.1	38.4	35.0
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	56.8	62.2	60.9	60.0
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	14.5	11.7	12.6	12.9
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	19.6	21.3	20.2	20.4

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseous Sampling Kit- AAS 108 & PM 2.5 Sampler AAS 127

Calibrate Done on: 27/12/2021

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Ref. No. :193/01/2021-22

Date: 01/02/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : JANUARY 2022 (1st time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Near Loading area			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	—	06/01/2022	06/01/2022	07/01/2022	07/01/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	NE	NE	NE	NE
04.	Average Wind Speed	Km./Hrs.	1 to 15	1 to 15	1 to 15	1 to 15
05.	Average flow rate during sampling	m3/minutes	1.18	1.20	1.10	1.16
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	32.5	34.1	38.4	35.0
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	56.8	62.2	60.9	60.0
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	14.5	11.7	12.6	12.9
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	19.6	21.3	20.2	20.4

Instrument used : 1) Eutech RD8, Model No. AAS-217BL, Gasphase Sampling Kit, AVE 100 & PM 2.5 Compiler AVE 127

Calibrate Done on : 27/12/2021

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Ref. No.: 2052/01/2021-22

Date: 01/02/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : JANUARY 2022 (2nd time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Near Weigh Bridge			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	---	31/01/2022	31/01/2022	31/01/2022	31/01/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	NE	NE	NE	NE
04.	Average Wind Speed	Km./Hrs.	2 to 12	2 to 12	2 to 12	2 to 12
05.	Average flow rate during sampling	m3/minutes	1.10	1.20	1.10	1.13
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	50	50	50	50
08.	Measured Concentration of PM 2.5	µg/m ³	32.5	30.6	36.1	32.7
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	61.0	59.4	57.1	59.4
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	13.5	12.6	11.6	12.6
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	21.4	20.7	19.2	20.4

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseous Sampling Kit- AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 27/12/2021

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Ref. No. :2053/01/2021-22

Date: 01/02/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : JANUARY 2022 (2nd time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Near Loading area			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	—	31/01/2022	31/01/2022	31/01/2022	31/01/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	NE	NE	NE	NE
04.	Average Wind Speed	Km./Hrs.	2 to 12	2 to 12	2 to 12	2 to 12
05.	Average flow rate during sampling	m3/minutes	1.10	1.20	1.10	1.13
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	32.5	30.6	35.1	32.7
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	61.8	59.4	57.1	59.4
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	13.6	12.8	11.6	12.8
13.	Permissible Limits of NH ₃	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	21.4	20.7	19.2	20.4

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseouse Sampling Kit- AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 27/12/2021

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Ref No. 29202/2021-22

Date: 28/12/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MMES : FEBRUARY 2022 (1st time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Near Weigh Bridge			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	—	09/02/2022	09/02/2022	10/02/2022	19/02/2022
02.	Duration of Sampling	Hrs	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	NW	NW	NW	NW
04.	Average Wind Speed	Km/Hrs.	2 to 13	2 to 13	2 to 13	2 to 13
05.	Average flow rate during sampling	m3/minutes	1.18	1.20	1.18	1.19
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	38.6	30.2	35.7	34.2
09.	Permissible Limits of PM 10	µg/m ³	180	180	100	180
10.	Measured Concentration of PM 10	µg/m ³	52.1	60.8	66.4	66.4
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	10.2	15.6	9.5	11.8
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	17.4	14.1	18.9	16.8

Instrument Used : 1) Ecotech RDS, Model No. AAS - 217BL. Gaseous Sampling Kit-AAS 100 & PM 2.5 Sampler AAS 127

Calibrate Done on : 27/12/2021

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R&L No. :29302/2021-22

Date: 29/02/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone

GOP MINES : FEBRUARY 2022 (1st time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Near Loading area			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	---	09/02/2022	09/02/2022	10/02/2022	10/02/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	NW	NW	NW	NW
04.	Average Wind Speed	Km/Hrs	2 to 13	2 to 13	2 to 13	2 to 13
05.	Average flow rate during sampling	m ³ /minutes	1.18	1.20	1.10	1.18
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	50	50	50	50
08.	Measured Concentration of PM 2.5	µg/m ³	35.7	32.4	38.9	35.0
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	58.5	59.3	63.1	60.3
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	12.8	8.4	18.7	12.9
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	20.7	15.9	18.4	18.7

Instrument used : 1) Scotch RDS Model No. AAS - 217BL, Gaseous Sampling Kit: AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 27/12/2021

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Ref. No.: 3062/E2/2021-22

Date: 28/02/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : FEBRUARY 2022 (2nd time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Near Weigh Bridge			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	--	28/02/2022	28/02/2022	28/02/2022	28/02/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	NNW	NNW	NNW	NNW
04.	Average Wind Speed	Km/Hrs.	3 to 14	3 to 14	3 to 14	3 to 14
05.	Average flow rate during sampling	m ³ /min/ps	1.10	1.20	1.10	1.13
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	40	40	40	40
08.	Measured Concentration of PM 2.5	µg/m ³	20.2	33.7	30.3	30.7
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	58.1	56.4	52.7	55.7
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	10.7	15.3	13.5	13.2
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	18.2	23.8	15.4	19.1

Instrument used: 1) Ecotech RDS Model No. AAS - 217SL, Cessure Sampling GR- AAS 102 & PM 2.5 Sampler AAS 127

Calibration Done on: 27/12/2021

Royal Environment Auditing & Consultancy Service



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Ref. No.: 3063/02/2021-22

Date: 28/02/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : FEBRUARY 2022 (2nd time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Near Loading area			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	—	28/02/2022	28/02/2022	28/02/2022	28/02/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	NW	NW	NW	NW
04.	Average Wind Speed	Km/Hrs.	2 to 14	3 to 14	3 to 14	3 to 14
05.	Average flow rate during sampling	m3/minutes	1.10	1.20	1.10	1.13
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	40	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	35.0	28.4	31.1	31.7
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	57.2	63.7	64.9	68.3
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	9.3	14.7	10.9	11.6
13.	Permissible Limits of NO ₂	µg/m ³	60	60	60	60
14.	Measured Concentration of NO ₂	µg/m ³	23.1	15.4	16.8	18.4

Instrument Used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseous Sampling Kit-AAS 109 & PM 2.5 Sampler AAS 127

Calibration Done on: 27/12/2021

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Ref. No.: 1392/03/2021-22

Date: 31/03/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : MARCH 2022 (1st time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Near Weigh Bridge			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	—	08/03/2022	08/03/2022	09/03/2022	09/03/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)		NE	NE	NE	NE
04.	Average Wind Speed	Km./Hrs.	3 to 15	3 to 15	3 to 15	3 to 15
05.	Average flow rate during sampling	m ³ /minutes	1.15	1.19	1.2*	1.18
06.	Average flow rate for Gas sampling	LFM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	35.4	32.8	33.7	34.0
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	54.6	57.5	52.9	55.0
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	11.5	10.4	12.6	12.0
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	15.6	18.4	14.5	15.6

Instrument used - 1) EcoTech RDS Model No. AAS - 217BL, Gaseous Sampling Kit AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on: 27/12/2021

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Ref No. -303R03/2021-22

Date: 31/03/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : MARCH 2022 (1st time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District - Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Near Loading area			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	—	08/03/2022	08/03/2022	09/03/2022	09/03/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	NE	NE	NE	NE
04.	Average Wind Speed	Km/Hrs.	3 to 15	3 to 15	3 to 15	3 to 15
05.	Average flow rate during sampling	m ³ /min/mules	1.15	1.10	1.20	1.15
06.	Average flow rate for Gas sampling	LFM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	32.6	30.6	34.5	32.6
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	66.9	55.8	58.4	57.0
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	11.8	13.2	11.3	12.2
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	16.7	17.4	19.5	17.3

Instrument used : 1) EcoTech RDS, Model No. AAS - 217BL, Gaseous Sampling Kit- AAS 106 & PM 2.5 Sample- AAS 127

Cal brass Done on: 27/12/2021

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Ref No : 4062/03/2021-22

Date: 31/03/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : MARCH 2022 (2nd time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Near Weigh Bridge			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	---	30/03/2022	30/03/2022	30/03/2022	30/03/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	NE	NE	NE	NE
04.	Average Wind Speed	Km/Hrs	1 to 18	1 to 16	1 to 16	1 to 16
05.	Average flow rate during sampling	m3/minutes	1.16	1.10	1.17	1.14
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	30.6	31.5	29.4	30.5
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	55.9	53.6	55.4	55.5
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	12.6	11.8	10.7	11.7
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	16.4	21.3	18.4	18.7

Instrument used : 1) EcoTech RD6, Model No. AAS - 217BL, Gaseous Sampling Kit AAS 106 & PM 2.5 Sampler AAS 127

Calibrate Done on : 27/12/2021

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Ref. No -4053/03/2021-22

Date: 31/03/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : MARCH 2022 (2nd time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 - 40,

District - Jamnagar.

Sr. No.	Particulars	Unit	Buffer Zone = 1. Near Loading area			Average Result of 24 Hrs.
			1 st 8:00 Hrs.	2 nd 8:00 Hrs.	3 rd 8:00 Hrs.	
01.	Date of sampling	---	30/03/2022	30/03/2022	30/03/2022	30/03/2022
02.	Duration of Sampling	Hrs	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	NE	NE	NE	NE
04.	Average Wind Speed	Km./Hrs.	1 to 16	1 to 16	1 to 16	1 to 16
05.	Average flow rate during sampling	m3/minutes	1.14	1.16	1.20	1.17
06.	Average flow rate for Gas sampling	LPM	2.0	2.0	2.0	2.0
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	33.6	31.5	29.7	31.6
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	55.2	54.9	56.2	55.4
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	10.6	11.6	13.4	11.8
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	21.5	17.9	14.6	18.1

Instrument used : (i) Ecotech RDS, Model No. AAS - 217BL, Gasphase Sampling Kit- AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 27/12/2021

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Ref. No. : 797/10/2021-22

Date: 30/10/2021

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140,

District : Jamnagar,

Sampling Date : 07/10/2021

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)	
Time of sampling		Day Time 06:00 AM to 10:00 PM	Night Time 10:00 PM to 06:00 AM
01.	GOP Mines Adm. Building	54.2	42.1
02.	Chorbedi Mines Adm. Building	50.0	34.6
03.	Pachhtar and Pachhtardi Mines Adm. Building	52.8	37.4

CPCB Standards

Area Code	Category of Area / Zone	Limit in dB(A) Leq.	
		Day Time	Night Time
A	Industrial Area	75.0	70.0
B	Commercial Area	65.0	55.0
C	Residential Area	55.0	45.0
D	Silence Zone	50.0	40.0

Reference : Limits As Per The Noise Pollution Regulation and Control Rules, 2000 Schedule See Rule 3(1) and 4(1).

Instruments used : Sound level meter, model : SL-4001. (Lutron Make)

Calibration done on : 12/09/2020

Range : (A) - 30 to 80 dB, (B) - 50 to 100 dB, (C) - 80 to 130 dB.

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Ref. No. : 798/10/2021-22

Date: 30/10/2021

WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 07/10/2021

Sr. No.	Location of Sampling	dB(A)		
Permissible Limits for 8:00 Hrs.		90 dBA		
CHORBEDI MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
01.	Dozer D8 - R (CAT)	82.6	77.8	69.5
02.	Hyundai - 140 Excavator	86.7	78.8	73.5
Pachhtar and Pachhtardi Mines		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
03.	Dozer BD 355 Dozer(New)	87.3	75.5	68.9
04.	Hyundai - 140 (LC - 9)	88.3	82.4	78.8
05.	Tata - 200 Excavator	85.2	82.4	79.6
GOP MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
06.	Temporary Discontinued - Not Running during visit	---	---	---

Instruments used : Sound level meter, Model : SL - 4030 (Lutron Make)

Range : A - 30 to 80 dB, B-50 to 100 dB, C-80 to 130 dB.

Calibration is Done On : 12/09/2020

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Ref. No. : 897/11/2021-22

Date: 30/11/2021

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 12/11/2021

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)	
Time of sampling		Day Time 06:00 AM to 10:00 PM	Night Time 10:00 PM to 06:00 AM
01.	GOP Mines Adm. Building	52.3	44.3
02.	Chorbedi Mines Adm. Building	48.6	37.5
03.	Pachhtar and Pachhtardi Mines Adm. Building	51.2	46.6

CPCB Standards

Area Code	Category of Area / Zone	Limit in dB(A) Leq.	
		Day Time	Night Time
A	Industrial Area	75.0	70.0
B	Commercial Area	65.0	55.0
C	Residential Area	55.0	45.0
D	Silence Zone	50.0	40.0

Reference : Limits As Per The Noise Pollution Regulation and Control Rules, 2000 Schedule See Rule 3(1) and 4(1).

Instruments used : Sound level meter, model : IL-006719. (SIGMA)

Calibration done on : 30/09/2021

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Ref. No : 898/11/2021-22

Date: 30/11/2021

WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 12/11/2021

Sr. No.	Location of Sampling	dB(A)		
Permissible Limits for 8:00 Hrs.		90 dBA		
CHORBEDI MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
01.	Dozer D8 - N (CAT)	81.8	74.3	65.8
02.	Hyundai - 140 (LC - 9)	84.7	76.7	71.3
Pachhtar and Pachhtardi Mines		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
03.	Dozer BD 355 Dozer(New)	86.5	77.2	67.5
04.	Hyundai - 140 Excavator	85.7	80.4	74.3
05.	Tata - 200 Excavator	83.9	79.3	73.6
GOP MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
06.	Temporary Discontinued - Not Running during visit	---	---	---

Instruments used : Sound level meter, model : IL-006719. (SIGMA)

Calibration done on : 30/09/2021

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Ref. No. : 997/12/2021-ZZ

Date: 27/12/2021

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 10/12/2021

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)	
		Day Time 06:00 AM to 10:00 PM	Night Time 10:00 PM to 06:00 AM
01.	GOP Mines Adm. Building	49.7	40.1
02.	Chorbedi Mines Adm. Building	45.1	35.3
03.	Pachhtar and Pachhtardi Mines Adm. Building	47.9	41.8

CPCB Standards

Area Code	Category of Area / Zone	Limit in dB(A) Leq.	
		Day Time	Night Time
A	Industrial Area	75.0	70.0
B	Commercial Area	65.0	55.0
C	Residential Area	55.0	45.0
D	Silence Zone	50.0	40.0

Reference : Limits As Per The Noise Pollution Regulation and Control Rules, 2000 Schedule See Rule 3(1) and 4(1).

Instruments used : Sound level meter, model : IL-006719, (SIGMA)

Calibration done on : 31/09/2021

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Ref. No. : 998/12/2021-22

Date: 27/12/2021

WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 10/12/2021

Sr. No.	Location of Sampling	dB(A)		
Permissible Limits for 8:00 Hrs.		90 dBA		
CHORBEDI MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
01.	Dozer D8 - N (CAT)	77.4	78.6	69.2
02.	Hyundai - 140 (LC - 9)	79.1	81.7	66.8
Pachhtar and Pachhtardi Mines		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
03.	Dozer BD 355 Dozer(New) - Not Running during visit	---	---	---
04.	Hyundai - 140 Excavator - Not Running during visit	---	---	---
05.	Tata - 200 Excavator - Not Running during visit	---	---	---
GOP MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
06.	Dozer D8 - N (CAT)	80.6	78.4	70.5
07.	Hyundai - 140 (LC - 9)	81.3	79.8	72.6

Instruments used : Sound level meter, model : IL-008719. (SIGMA)

Calibration done on : 30/09/2021

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Ref. No. : 197/01/2021-22

Date: 01/02/2022

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT**Name of company : Shree Digvijay Cement Company Limited**

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 08/01/2022

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)	
		Day Time 06:00 AM to 10:00 PM	Night Time 10:00 PM to 06:00 AM
01.	GOP Mines Adm. Building	52.1	42.3
02.	Chorbedi Mines Adm. Building	48.5	39.8
03.	Pachhtar and Pachhtardi Mines Adm. Building	50.3	43.1

CPCB Standards

Area Code	Category of Area / Zone	Limit in dB(A) Leq.	
		Day Time	Night Time
A	Industrial Area	75.0	70.0
B	Commercial Area	65.0	55.0
C	Residential Area	55.0	45.0
D	Silence Zone	50.0	40.0

Reference : Limits as per the Noise Pollution Regulation and Control Rules, 2000 Schedule See Rule 3(1) and 4(1).

Instruments used : Sound level meter, model : IL-006719. (SIGMA)

Calibration done on : 30/09/2021

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Ref. No.: 198/01/2021-22

Date: 01/02/2022

WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 08/01/2022

Sr. No.	Location of Sampling	dB(A)		
Permissible Limits for 8:00 Hrs.		90 dBA		
CHORBEDI MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
01.	Dozer D8 - N (CAT)	75.7	72.9	66.5
02.	Hyundai - 140 (LC - 9)	81.4	77.6	68.6
Pachhtar and Pachhtardi Mines		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
03.	Dozer BD 355 Dozer(New)	80.6	76.2	70.9
04.	Hyundai - 140 Excavator	77.8	71.4	65.6
05.	Tata - 200 Excavator	81.1	78.5	71.2
GOP MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
06.	Dozer D8 - N (CAT)	78.2	75.8	70.6
07.	Hyundai - 140 (LC - 9)	80.4	76.5	69.8

Instruments used : Sound level meter, model : IL-006719. (SIGMA)

Calibration done on : 30/09/2021

Royal Environment Auditing & Consultancy Service



Ashish
Analyst



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Ref. No. : 297/02/2021-22

Date: 28/02/2022

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 09/02/2022

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)	
		Day Time 06:00 AM to 10:00 PM	Night Time 10:00 PM to 06:00 AM
01.	GOP Mines Adm. Building	50.8	41.7
02.	Chorbedi Mines Adm. Building	48.1	35.4
03.	Pachhlar and Pachhtardi Mines Adm. Building	52.6	40.2

CPCB Standards

Area Code	Category of Area / Zone	Limit in dB(A) Leq.	
		Day Time	Night Time
A	Industrial Area	75.0	70.0
B	Commercial Area	65.0	55.0
C	Residential Area	55.0	45.0
D	Silence Zone	50.0	40.0

Reference : Limits As Per The Noise Pollution Regulation and Control Rules, 2000 Schedule See Rule 3(1) and 4(1).

Instruments used : Sound level meter, model : IL-008719. (SIGMA)

Calibration done on : 30/09/2021



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Ref. No. : 298/02/2021-22

Date: 28/02/2022

WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 381 140.

District : Jamnagar.

Sampling Date : 09/02/2022

Sr. No.	Location of Sampling	dB(A)		
Permissible Limits for 8:00 Hrs.		90 dBA		
CHORBEDI MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
01.	Dozer D8 - N (CAT)	72.3	69.7	61.5
02.	Hyundai - 140 (LC - 9)	78.1	74.6	63.2
Pachhar and Pachhtardi Mines		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
03.	Dozer BD 355 Dozer(New)	77.6	73.9	68.1
04.	Hyundai - 140 Excavator	79.6	69.4	60.2
05.	Tata - 200 Excavator	83.2	75.7	67.6
GOP MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
06.	Dozer D8 - N (CAT)	80.1	74.0	60.3
07.	Hyundai - 140 (LC - 9)	78.5	72.9	65.7

Instruments used : Sound level meter, model : IL-00671A (SIGMA)

Calibration done on : 30/09/2021

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Ref. No. : 397/03/2021-22

Date: 31/03/2022

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT**Name of company : Shree Digvijay Cement Company Limited****Digvijaygram - 361 140.****District : Jamnagar.****Sampling Date : 09/03/2022**

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)	
Time of sampling		Day Time 06:00 AM to 10:00 PM	Night Time 10:00 PM to 06:00 AM
01.	GOP Mines Adm. Building	53.6	42.8
02	Chorbedi Mines Adm. Building	49.2	33.6
03.	Pachhtar and Pachhtardi Mines Adm. Building	50.9	43.5

CPCB Standards

Area Code	Category of Area / Zone	Limit in dB(A) Leq.	
		Day Time	Night Time
A	Industrial Area	75.0	70.0
B	Commercial Area	65.0	55.0
C	Residential Area	55.0	45.0
D	Silence Zone	50.0	40.0

Reference : Limits As Per The Noise Pollution Regulation and Control Rules, 2000 Schedule See Rule 3(1) and 4(1)

Instruments used : Sound level meter, model : IL-006719, (SIGMA)

Calibration done on : 30/09/2021



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Ref. No : 398/03/2021-22

Date: 31/03/2022

WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 381 140.

District : Jamnagar.

Sampling Date : 08/03/2022

Sr. No.	Location of Sampling	dB(A)		
Permissible Limits for 8:00 Hrs.		80 dBA		
CHORBEDI MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
01.	Dozer D8 - N (CAT)	70.6	68.5	60.3
02.	Hyundai - 140 (LC - 9)	76.9	72.5	65.9
Pachhtar and Pachhtardi Mines		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
03.	Dozer RD 355 Dozer(New)	79.5	71.5	66.2
04.	Hyundai - 140 Excavator	76.2	67.5	62.4
05.	Tata - 200 Excavator	81.6	72.9	64.8
GOP MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
06.	Dozer D8 - N (CAT)	81.5	76.4	64.5
07.	Hyundai - 140 (LC - 9)	76.9	71.2	67.0

Instruments used : Sound level meter, model : IL-00671B (SIGMA)

Calibration done on : 30/09/2021

Royal Environment Auditing & Consultancy Service



Ashish
Analyst

GOP (COMPOSITE) LIMESTONE MINES
HALF YEARLY EXPENDITURE STATEMENT
FOR ENVIRONMENT MANAGEMENT

From the period of 2021-22 (Oct 21 to March-22)

S. NO.	WORK	Expenditure in Rs From October 21 to March 22
1	Ambient Air & Noise Monitoring	19440
2	Water Sprinkling on haul roads	36400
3	Purchasing of Sapling	0
4	Purchasing of Soil	0
5	Plantation charge	0
6	Recurring Expenses for Security and Maintenance of Plantation	147031
	Total	202871

