



By E-mail

Gop-2/MoEF/HYC/C/302/3377

Date- 24-05-2023

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/GUJEC/1(a)/774/2021 dated 10.06.2021 in respect of **Gop - 2 Limestone Mines for the half year period October- 2022 to March 2023.**

Respected Sir,

As required, we are submitting herewith Pointwise compliance status to various stipulations, as laid-down in Environmental Clearance letter No. SEIAA/GUJEC/1(a)/774/2021 dated 10.06.2021 with supporting documents, is enclosed with the following Annexure: -

Sr. No.	Annexure	Sr. No.	Annexure
1	Annexure-I (Form-O)	6	Annexure-VI (CGWA Renewal Application)
2	Annexure-II (Plantation Photographs)	7	Annexure-VII (Vehicle Fitness Certificate)
3	Annexure-III (Boundary Pillars)	8	Annexure-VIII (Noise Level)
4	Annexure-IV (Ambient Air - Oct - March 23)	9	Annexure-IX (Environment Yearly Expenses - October- 2022 to March 2023)
5	Annexure-V (Approval Letter-Mining Plan)	10	Annexure-X (Environment Statement in Form V for the year 2022-23)

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

Thanking you,

Yours faithfully,
For SHREE DIGVIJAY CEMENT CO. LTD.

Dharmendra Kumar Bansal
Manager Mine

Enclosures - As Above

Copy To:

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

SHREE DIGVIJAY CEMENT COMPANY LIMITED

GOP-2 LIMESTONE MINE

STATUS OF COMPLIANCE

Period: October 2022 to March 2023

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:

S. 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 MoEF & CC, 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.

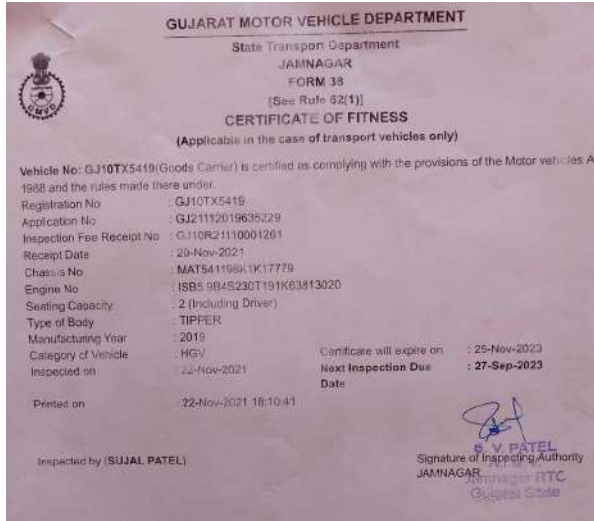
S. No.	CONDITIONS	COMPLIANCE STATUS
6	To conduct study for health check-up of the mine workers through accredited agency including the respiratory/lungs related ailments and prepare a report for the impact of mining on the health of workers.	Occupational health surveillance of the mine worker is being 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. Copy of form-O enclosed as Annexure-I Annexure-I (FORM – O) (See rule 29B (2) and 29G) Report of medical examination under rule 29B [To be issued in triplicate]** Certificate No. Certified that Shri/Shriwati*..... employed as..... in..... Mines, Form B No. has been examined for an initial/periodical medical examination. He/She* appears to be..... years of age. The findings of the examining authority are given in the attached sheet. It is considered that Shri/Shriwati*..... (a)* is medically fit for any employment in mines; (b)* is suffering from..... and is medically unfit for..... (c) any employment in mines; or (d) any employment below ground; or (e) any employment or work..... @* is suffering from..... It should get this disability* cured/controlled and should be again examined within a period of..... months. He/She will appear for re-examination with the result of test of..... and the opinion of..... Specialist from..... He/She may be permitted/not* permitted to carry on his duties during this period. Signature of the examining authority Name and designation is Block letters Date: 12/04/2023 * Delete whatever is not applicable. ** One copy of the certificate shall be handed over to the person concerned and another copy shall be sent to the manager of the mine concerned by registered post; and the third copy shall be retained by the examining authority.
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. 9282 No. of plants planted during the year 2022-23 and shall be maintained in subsequent years. Plantation photographs are enclosed as Annexure-II 
8	No ground water extraction shall be done from within the lease/permit area.	Noted. No Dewatering being performed.
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. 

S. No.	CONDITIONS	COMPLIANCE STATUS
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. Pillars mentioning of the lease area enclosed as Annexure-III 
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 exacted 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.	Activities identified in consultation with village gram panchayat.
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.
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 Swachhta Pakhwada, Awareness sessions, plantation drive etc. are being organised time to time in community.

S. No.	CONDITIONS	COMPLIANCE STATUS
		 જામનગર 23-11-2021 સ્વચ્છતા પખવાડીયા અંતર્ગત દિગ્વિજય સિમેન્ટ કંપની દ્વારા જીનવાડી સૂર્ય મંદિરના પરીસરની સફાઇકરાઇ જામનગર ભાસ્કર : ભારતીય ખાણ બ્યુરો પ્રાદેશિક કચેરી, ગાંધીનગરના માર્ગદર્શન હેઠળ તા. 16 થી 30 નવેમ્બર 2021 દરમિયાન સ્વચ્છતા પખવાડી 2021 નું આયોજન કરાયું છે. જેમાં દિગ્વિજય સિમેન્ટ કંપનીના પાઇલટ, ચોરબેડી અને ગોપ ખાણમાં સ્વચ્છતા જાગૃતિ અભિયાન ચલાવવામાં આવી રહ્યું છે ત્યારે તા. 20ના જીનવાડી સૂર્ય મંદિરના પરીસરની સફાઇનું આયોજન કરાયું હતું અને દિગ્વિજય સિમેન્ટની ગોપ માર્કેસના મેનેજર શ્યામ નારાયણસિંઘ દ્વારા ગામના સરપંચ દિનેશભાઈ સોલંકી અને ગ્રામજનોની હાજરીમાં સ્વચ્છતાનો સંદેશ આપવામાં આવ્યો હતો.
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. Ambient Air Quality report is enclosed as Annexure-IV Trees of native species are being planted in and around the mines site.  Limestone is being transported with carrying

S. No.	CONDITIONS	COMPLIANCE STATUS
		right load and provided with cover of tarpaulin. 
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. A copy of Approval  letter enclosed as Annexure-V
21	No mining shall be undertaken outside the area specified in this Environmental Clearance.	Noted. Mining is being carried out as approved mining plan. A copy of Approval letter enclosed as Annexure-V
22	There shall be no Blasting for mining activity.	There is no drilling and Blasting.
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:	
24	The project proponent shall obtain necessary prior permission of the competent authorities for withdrawal of requisite quantity of water (surface water and/or ground water) required for the project.	Complied. NOC for abstraction of 30 KLD ground water from CGWA has been obtained. The copy of the renewal Application enclosed as Annexure-VI
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

S. No.	CONDITIONS	COMPLIANCE STATUS
		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.	Domestic wastewater is disposed off through septic tank - soak pit.
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.  
30	Internal roads shall be either paved properly or sprinkled with water at regular intervals for controlling fugitive emission during vehicular movement. Trees of native species shall be developed along both sides of internal road/s in order to contain dust.	Being complied. Water sprinkling arrangement is being practiced. 

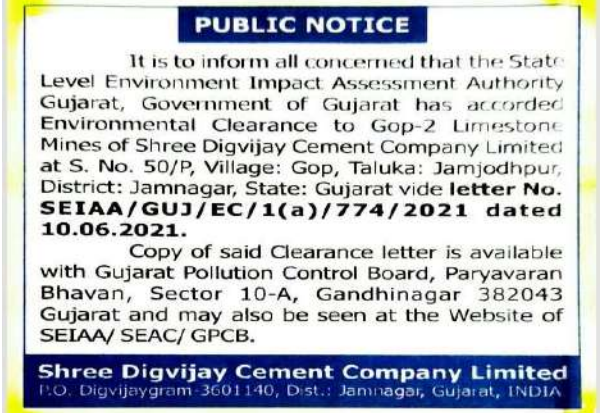
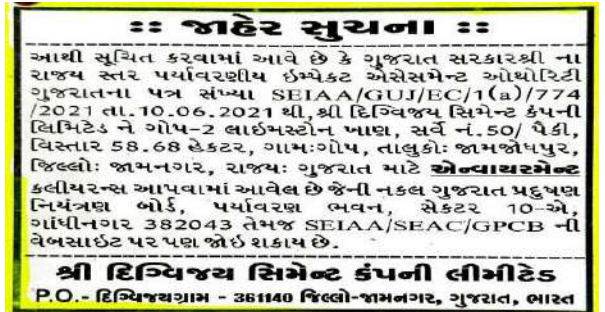
S. No.	CONDITIONS	COMPLIANCE STATUS
		Trees of native species are being planted in and around the mines site.
31	Vehicles shall not be overloaded, and mineral transportation shall be done only through covered trucks so that no spillage of mineral / dust take place.	Being complied. Limestone is being 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 enclosed as Annexure-VII 
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-22 to March-23 is attached herewith as Annexure-IV.
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:	
35	The project proponent shall strive to adopt zero waste mining concepts by reducing the quantum of reject through technological innovation or finding the use of fines through perspective buyers.	There is no waste / rejects generated. Total ROM is used for Cement Manufacturing.
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,	No Overburden, No Dumps.

S. No.	CONDITIONS	COMPLIANCE STATUS
	stabilized and secured at toe to prevent the escape of material that may cause degradation of the surrounding land or silting of water courses.	
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.
41	All the precautions are to be observed as per Reg. 106 of MMR, 1961 for safety and security. Face masks, helmets, safety shoes etc. shall be provided to all the workers working in the mining areas and its usage shall be ensured and supervised.	Being complied. All the workers are provided mandatory PPEs. No person is allowed to enter mines without wearing PPEs.
42	First Aid Box should be made readily available at the site.	Being complied. First Aid facilities readily available. 
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.

S. No.	CONDITIONS	COMPLIANCE STATUS														
		Annexure-I (FORM - O) (See rule 29F (2) and 29G) Report of medical examination under rule 29B (To be issued in triplicate)** Certificate No. _____ Certified that <u>Sri/Smt.</u> <u>Nandini Singh</u> employee as <u>Asst. Mtn</u> in <u>OPB</u> <u>Limestone</u> mine, Form No. _____ has been examined for an initial/periodical medical examination. He/She* appears to be <u>23</u> years of age. The findings of the examining authority are given in the attached sheet. It is considered that <u>She/He</u> must:- (a)* is medically fit for any employment is mines. (b)* is suffering from _____ and is medically unfit for _____ (c) any employment in mine; or (d) any employment below ground; or (e) any employment or work _____ (f)* is suffering from _____ he should get this disability* certified/controlled and should be again examined within a period of _____ months. He/She will appear for re-examination with the result or test of _____ and the opinion of _____ Specialist from _____ He/She may be permitted/not* permitted to carry on his duties during this period.  Place: <u>Chhatrapur, Jharkhand</u> Date: <u>12/04/2023</u> * Delete whichever is not applicable. ** One copy of the certificate shall be handed over to the person concerned and another copy shall be sent to the manager of the mine concerned by registered post; and the third copy shall be retained by the examining authority.														
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.														
																
A5	NOISE:															
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-VIII														
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><thead><tr><th>Year</th><th>Nos of Saplings planted</th></tr></thead><tbody><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>2022-23</td><td>9282</td></tr><tr><td>Total</td><td>17924</td></tr></tbody></table>	Year	Nos of Saplings planted	2018-19	200	2019-20	2629	2020-21	3845	2021-22	1968	2022-23	9282	Total	17924
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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.														

S. No.	CONDITIONS	COMPLIANCE STATUS
		The drip irrigation picture is depicted below; 
B	OTHER CONDITIONS:	
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. Shall be done shortly.
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. No natural water course is being obstructed due to mining operations.
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 in the Review of mining Plan. Will be done accordingly.

S. No.	CONDITIONS	COMPLIANCE STATUS									
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. Being Complied. 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. Being Complied.									
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. 									
56	Funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purpose. Records of year wise expenditure shall be maintained.	Noted and being complied. <table border="1"> <thead> <tr> <th>SL. No</th><th>Year</th><th>Recurring Yearly Expenditure</th></tr> </thead> <tbody> <tr> <td>1</td><td>2021-2022</td><td>₹ 202871</td></tr> <tr> <td>2.</td><td>2022-2023</td><td>₹ 881320</td></tr> </tbody> </table>	SL. No	Year	Recurring Yearly Expenditure	1	2021-2022	₹ 202871	2.	2022-2023	₹ 881320
SL. No	Year	Recurring Yearly Expenditure									
1	2021-2022	₹ 202871									
2.	2022-2023	₹ 881320									
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. Previous half yearly compliance reports submitted vide letter no and Gop2/SEIAAHYCIC/302/3178 dated 30.11.2022									
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									

S. No.	CONDITIONS	COMPLIANCE STATUS
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  
62	The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	It is an operative Mine since 1966.
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	Complied.

S. No.	CONDITIONS	COMPLIANCE STATUS
	mining operations. Records of such site plan duly verified by competent authority shall be maintained.	
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.
69	This clearance is issued with respect to only environmental considerations, and it does not imply that SEIAA approved the way by which lease is granted to the project. While granting lease, the concerned authority shall ensure compliance of relevant Rules, Regulations, Notifications, Government Resolutions, Circulars, Judgments / Orders of Hon'ble Courts and NGT, etc.	Noted. It is an operative mine and lease period is valid up to 31.03.2030.
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 – O)

(See rule 29F (2) and 29L)

Report of medical examination under rule 29B

(To be issued in triplicate)**

Certificate No.....

Certified that Shri/Shrimati* Yasufsha Dhanabhai employed as Foreman In Great Limestone mine, Form B No. has been examined for an initial/periodical medical examination. He/she* appears to be 25 years of age. The findings of the examining authority are given in the attached sheet. It is considered that Shri/Shrimati*...

- (a)* is medically fit for any employment in mines.
- (b)* is suffering from..... and is medically unfit for
- (b) any employment in mine; or
- (c) any employment below ground; or
- (d) any employment or work.....

©* is suffering from..... is should get this disability* cured/controlled and should be again examined within a period ofmonths. He/She will appear for re-examination with the result of test of..... and the opinion ofSpecialist from..... He/She may be permitted/not* permitted to carry on his duties during this period.

Place : DigvijaygramDate : 12/04/2021

Signature of the examining authority

Dr. Krishpendu Kumar
..... Sr. Medical Officer

M.B.B.S./Registration No. : 104251 C
Dree Digvijay Cement Co. Hospital

Digvijaygram - 361 140.

Jampada (Chhattisgarh)

* Delete whatever is not applicable.

** One copy of the certificate shall be handed over to the person concerned and another copy shall be sent to the manager of the mine concerned by registered post; and the third copy shall be retained by the examining authority.

SHREE DIGVIJAY CEMENT COMPANY LIMITED

Plantation Photographs of Gop-2 Limestone Mine









Boundary Pillar No - B.P 1



Boundary Pillar No - B.P 2



Boundary Pillar No - B.P 3



Boundary Pillar No - B.P 4



Boundary Pillar No - B.P 5



Boundary Pillar No - B.P 6



Boundary Pillar No - B.P 7



Boundary Pillar No - B.P 8



Boundary Pillar No – B.P 9



Boundary Pillar No – B.P 10



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Annexure-IV

Ref. No. :792/10/2022-23

Date: 31/10/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : OCTOBER 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	---	10/10/2022	10/10/2022	11/10/2022	11/10/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	SE	SE	SE	SE
04.	Average Wind Speed	Km./Hrs.	3 to 15	3 to 15	3 to 15	3 to 15
05.	Average flow rate during sampling	m3/minutes	1.10	1.20	1.16	1.15
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	24.6	23.7	21.9	23.4
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	49.8	49.2	48.8	49.3
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	15.0	15.8	14.5	15.1
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	19.6	20.5	21.2	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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Ashish
Analyst



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Ref. No. :793/10/2022-23

Date: 31/10/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : OCTOBER 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	---	10/10/2022	10/10/2022	11/10/2022	11/10/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	----	SE	SE	SE	SE
04.	Average Wind Speed	Km./Hrs.	3 to 15	3 to 15	3 to 15	3 to 15
05.	Average flow rate during sampling	m3/minutes	1.12	1.18	1.15	1.15
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	22.7	21.8	22.2	22.2
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	46.7	48.2	47.6	47.5
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	12.9	14.8	13.6	13.8
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	21.6	19.2	18.8	19.9

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. : 8052/10/2022-23

Date: 31/10/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : OCTOBER 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	---	28/10/2022	28/10/2022	28/10/2022	28/10/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	SW	SW	SW	SW
04.	Average Wind Speed	Km./Hrs.	2 to 16	2 to 16	2 to 16	2 to 16
05.	Average flow rate during sampling	m3/minutes	1.20	1.18	1.20	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	19.8	20.4	21.6	20.6
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	46.5	47.2	48.3	47.3
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	15.9	14.6	13.8	14.8
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	22.2	21.8	21.1	21.7

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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Ref. No. :8053/10/2022-23

Date: 31/10/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : OCTOBER 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	---	28/10/2022	28/10/2022	28/10/2022	28/10/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	----	SW	SW	SW	SW
04.	Average Wind Speed	Km./Hrs.	2 to 16	2 to 16	2 to 16	2 to 16
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	22.7	20.9	21.6	21.7
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	48.6	47.2	49.7	48.5
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	14.3	15.6	13.8	14.6
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	19.6	18.3	20.4	19.0

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. :892/11/2022-23

Date:01/12/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : NOVEMBER 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	—	17/11/2022	17/11/2022	18/11/2022	18/11/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	S	S	S	S
04.	Average Wind Speed	Km./Hrs.	4 to 14	4 to 14	4 to 14	4 to 14
05.	Average flow rate during sampling	m3/minutes	1.11	1.12	1.15	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	25.4	24.6	23.3	24.4
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	46.6	48.8	47.2	47.5
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	13.9	14.4	12.6	13.6
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	19.2	21.4	23.6	21.4

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. :893/11/2022-23

Date:01/12/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : NOVEMBER 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	---	17/11/2022	17/11/2022	18/11/2022	18/11/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	S	S	S	S
04.	Average Wind Speed	Km./Hrs.	4 to 14	4 to 14	4 to 14	4 to 14
05.	Average flow rate during sampling	m3/minutes	1.14	1.12	1.16	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	23.2	24.4	21.6	23.1
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	48.2	49.9	46.6	48.2
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	13.4	15.1	14.2	14.2
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	23.6	21.4	20.6	21.9

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. : 9052/11/2022-23

Date: 01/12/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : NOVEMBER 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	---	29/11/2022	29/11/2022	29/11/2022	29/11/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	SW	SW	SW	SW
04.	Average Wind Speed	Km./Hrs.	3 to 15	3 to 15	3 to 15	3 to 15
05.	Average flow rate during sampling	m3/minutes	1.10	1.16	1.10	1.18
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	20.7	21.6	22.3	21.5
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	48.2	46.5	47.1	47.3
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	16.4	15.3	14.6	15.4
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	23.5	20.9	22.7	22.4

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

Calibrate Done on : 27/12/2021

Royal Environment Auditing & Consultancy Service

Rajkot



Ashish
Analyst



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Ref. No. : 9053/11/2022-23

Date: 01/12/2022

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : NOVEMBER 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	---	29/11/2022	29/11/2022	29/11/2022	29/11/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	SW	SW	SW	SW
04.	Average Wind Speed	Km./Hrs.	3 to 15	3 to 15	3 to 15	3 to 15
05.	Average flow rate during sampling	m3/minutes	1.20	1.10	1.20	1.17
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	21.6	22.8	20.7	21.7
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	47.8	48.2	46.9	47.6
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	13.8	14.9	12.3	13.7
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	20.4	19.8	18.1	19.4

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

Royal Environment Auditing & Consultancy Service



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Ref. No. :992/12/2022-23

Date:03/01/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : DECEMBER 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	---	14/12/2022	14/12/2022	15/12/2022	15/12/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	S	S	S	S
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	1.15	1.14	1.12	1.14
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	26.5	25.7	24.1	25.4
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	48.7	50.2	52.6	50.5
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	14.3	15.5	11.6	13.8
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	20.1	23.2	24.8	22.7

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

Royal Environment Auditing & Consultancy Service Rajkot



Ashish
Analyst



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Ref. No. :993/12/2022-23

Date:03/01/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : DECEMBER 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	—	14/12/2022	14/12/2022	15/12/2022	15/12/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	S	S	S	S
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	1.16	1.10	1.14	1.13
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	27.6	25.4	26.2	26.4
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	50.2	52.8	49.7	50.9
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	15.4	17.2	16.5	16.4
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	24.5	23.8	21.7	23.3

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. :1052/12/2022-23

Date: 03/01/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : DECEMBER 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	---	29/12/2022	29/12/2022	29/12/2022	29/12/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	SW	SW	SW	SW
04.	Average Wind Speed	Km./Hrs.	2 to 14	2 to 14	2 to 14	2 to 14
05.	Average flow rate during sampling	m3/minutes	1.10	1.16	1.10	1.18
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	20.7	21.6	22.3	21.5
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	48.2	46.5	47.1	47.3
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	16.4	15.3	14.6	15.4
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	23.5	20.9	22.7	22.4

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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Date: 03/01/2023

Ref. No. :1053/12/2022-23

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : DECEMBER 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	---	29/12/2022	29/12/2022	29/12/2022	29/12/2022
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	SW	SW	SW	SW
04.	Average Wind Speed	Km./Hrs.	2 to 14	2 to 14	2 to 14	2 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	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	28.2	29.5	17.3	25.0
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	52.7	53.2	50.8	52.2
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	16.4	18.7	15.2	16.8
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	24.5	22.5	21.3	22.8

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. 192/01/2022-23

Date: 30/01/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : JANUARY 2023 (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	----	09/01/2023	09/01/2023	09/01/2023	09/01/2023
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	----	S	S	S	S
04.	Average Wind Speed	Km./Hrs.	2 to 16	2 to 16	2 to 16	2 to 16
05.	Average flow rate during sampling	m3/minutes	1.11	1.12	1.14	1.12
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	27.3	26.5	25.7	26.5
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	47.9	52.7	51.3	50.6
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	15.6	16.7	12.4	14.9
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	21.3	24.5	25.6	23.8

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

Calibrate Done on : 26/12/2022

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Ref. No. :193/01/2022-23

Date:30/01/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : JANUARY 2023 (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	---	09/01/2023	09/01/2023	09/01/2023	09/01/2023
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	----	S	S	S	S
04.	Average Wind Speed	Km./Hrs.	2 to 16	2 to 16	2 to 16	2 to 16
05.	Average flow rate during sampling	m3/minutes	1.12	1.14	1.16	1.14
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	28.2	26.7	28.3	27.7
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	48.8	54.3	50.6	51.2
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	14.4	16.8	15.2	15.5
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	23.5	22.1	20.9	22.2

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

Calibrate Done on : 26/12/2022

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Ref. No. : 2052/01/2022-23

Date: 30/01/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : JANUARY 2023 (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	----	25/01/2023	25/01/2023	25/01/2023	25/01/2023
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	-----	SW	SW	SW	SW
04.	Average Wind Speed	Km./Hrs.	4 to 15	4 to 15	4 to 15	4 to 15
05.	Average flow rate during sampling	m3/minutes	1.12	1.18	1.14	1.18
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	21.8	22.7	23.4	22.6
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	50.3	48.6	49.4	49.4
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	15.5	14.7	13.2	14.5
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	24.6	21.8	23.8	23.4

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

Calibrate Done on : 26/12/2022

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Ref. No. 2053/01/2022-23

Date: 30/01/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : JANUARY 2023 (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	---	25/01/2023	25/01/2023	25/01/2023	25/01/2023
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	SW	SW	SW	SW
04.	Average Wind Speed	Km./Hrs.	4 to 15	4 to 15	4 to 15	4 to 15
05.	Average flow rate during sampling	m3/minutes	1.12	1.10	1.20	1.14
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	27.3	28.7	16.4	24.1
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	53.8	54.3	51.0	53.0
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	17.5	19.8	16.4	17.9
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	25.4	23.7	22.5	23.9

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

Calibrate Done on : 26/12/2022

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Ref. No. :293/02/2022-23

Date:01/03/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : FEBRUARY 2023 (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	—	09/02/2023	09/02/2023	09/02/2023	09/02/2023
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	S	S	S	S
04.	Average Wind Speed	Km./Hrs.	3 to 15	3 to 15	3 to 15	3 to 15
05.	Average flow rate during sampling	m3/minutes	1.16	1.18	1.20	1.18
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	27.3	25.6	28.1	27.0
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	49.5	55.3	52.4	52.4
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	15.6	17.8	16.5	16.6
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	24.6	23.2	21.4	23.1

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

Calibrate Done on : 26/12/2022

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Ref. No. :292/02/2022-23

Date:01/03/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : FEBRUARY 2023 (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	---	09/02/2023	09/02/2023	09/02/2023	09/02/2023
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	----	S	S	S	S
04.	Average Wind Speed	Km./Hrs.	3 to 15	3 to 15	3 to 15	3 to 15
05.	Average flow rate during sampling	m3/minutes	1.14	1.16	1.18	1.16
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	28.4	27.6	26.8	27.6
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	48.8	53.8	52.4	51.7
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	16.7	17.8	14.2	16.2
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	23.4	25.6	26.9	25.3

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

Calibrate Done on : 26/12/2022

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Ref. No. :3052/02/2022-23

Date: 01/03/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : FEBRUARY 2023 (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	---	24/02/2023	24/02/2023	24/02/2023	24/02/2023
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	SW	SW	SW	SW
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	1.16	1.20	1.16	1.18
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	22.7	23.8	24.5	23.7
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	51.4	49.2	50.9	50.5
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	16.4	15.3	14.7	15.5
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	25.8	22.7	24.1	24.2

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

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Ref. No. :3053/02/2022-23

Date: 01/03/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : FEBRUARY 2023 (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	---	24/02/2023	24/02/2023	24/02/2023	24/02/2023
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	----	SW	SW	SW	SW
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	1.20	1.10	1.15
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	28.4	29.8	18.3	25.5
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	54.9	55.6	52.2	54.2
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	18.4	20.7	19.2	19.4
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	26.3	24.5	23.8	24.9

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

Calibrate Done on : 26/12/2022

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Ref. No. :392/03/2022-23

Date:21/03/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : MARCH 2023 (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	----	02/03/2023	02/03/2023	02/03/2023	02/03/2023
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	----	S	S	S	S
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	1.18	1.20	1.20	1.19
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	30.8	29.6	28.4	29.6
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	50.3	55.9	54.6	53.6
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	19.7	21.5	18.2	19.8
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	25.4	26.8	27.6	26.6

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

Calibrate Done on : 26/12/2022

Royal Environment Auditing & Consultancy Service



Ashish
Analyst



Royal

Environment Auditing & Consultancy Service

Plot No. 19 & 20, B/s. The North Star Nest School, Masoom School Road, Mota Mava, RAJKOT - 360 005.
Ph.: +91 9099919954 ■ E-mail : royaleenvironment@live.com ■ admin@royalconsultancy.com

Ref. No. :393/03/2022-23

Date:21/03/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : MARCH 2023 (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	----	02/03/2023	02/03/2023	02/03/2023	02/03/2023
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	-----	S	S	S	S
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	1.16	1.18	1.20	1.18
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	30.5	28.2	32.7	30.5
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	52.3	58.6	54.8	55.2
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	16.4	20.9	18.5	18.6
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	26.9	25.4	23.2	25.2

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

Calibrate Done on : 26/12/2022

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Ph.: +91 9099919954 ■ E-mail : royaleenvironment@live.com ■ admin@royalconsultancy.com

Ref. No. :4052/03/2022-23

Date: 21/03/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : MARCH 2023 (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	---	15/03/2023	15/03/2023	15/03/2023	15/03/2023
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	---	SW	SW	SW	SW
04.	Average Wind Speed	Km./Hrs.	2 to 14	2 to 14	2 to 14	2 to 14
05.	Average flow rate during sampling	m3/minutes	1.18	1.10	1.20	1.18
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	26.8	28.4	30.2	28.5
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	53.5	51.3	54.1	53.0
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	18.2	17.4	16.8	17.5
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	26.9	24.8	26.2	26.0

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

Calibrate Done on : 26/12/2022

Royal Environment Auditing & Consultancy Service



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Analyst



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Ref. No. :4053/03/2022-23

Date: 21/03/2023

REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : MARCH 2023 (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	—	15/03/2023	15/03/2023	15/03/2023	15/03/2023
02.	Duration of Sampling	Hrs.	8.00	8.00	8.00	24.00
03.	Dominant Wind Direction (From)	—	SW	SW	SW	SW
04.	Average Wind Speed	Km./Hrs.	2 to 14	2 to 14	2 to 14	2 to 14
05.	Average flow rate during sampling	m3/minutes	1.16	1.10	1.20	1.15
06.	Average flow rate for Gas sampling	LPM	0.5	0.5	0.5	0.5
07.	Permissible Limits of PM 2.5	µg/m ³	60	60	60	60
08.	Measured Concentration of PM 2.5	µg/m ³	30.5	32.9	29.4	30.9
09.	Permissible Limits of PM 10	µg/m ³	100	100	100	100
10.	Measured Concentration of PM 10	µg/m ³	56.2	58.7	55.4	56.8
11.	Permissible Limits of SO ₂	µg/m ³	80	80	80	80
12.	Measured Concentration of SO ₂	µg/m ³	19.3	21.8	20.4	20.5
13.	Permissible Limits of NO ₂	µg/m ³	80	80	80	80
14.	Measured Concentration of NO ₂	µg/m ³	27.4	25.6	24.9	26.0

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

Calibrate Done on : 26/12/2022

Royal Environment Auditing & Consultancy Service



Ashish
Analyst

भारत सरकार
खान मंत्रालय
भारतीय खान ब्यूरो
क्षेत्रीय खान नियंत्रक का कार्यालय
कर्मयोगी भवन, चतुर्थ माला, ब्लॉक-2, सी विंग, सेक्टर-10A
गांधीनगर, गुजरात, 382010



Government of India
Ministry of Mines
Indian Bureau of Mines
Office of Regional Controller of Mines
Karmayogi Bhavan, 4th Floor, Block-2, C Wing, Sector 10A,
Gandhinagar, Gujarat-382010

Tel- 079 29750358 /29750359; ई-मेल/ E-mail: ro.gandhinagar@ibm.gov.in

फाईल संख्या File No: 684(4)(1)/MP-373/2021-22 GNR

दिनांक 12 Jan 2022

सेवा में To, नोमिनेटेड ओनर
मै. श्री दिग्विजय सीमेंट कंपनी लिमिटेड
दिग्विजयग्राम, गाँव: सिक्का,
जिला- जामनगर
गुजरात - 361140

Nominated Owner
M/s Shree Digvijay Cement Company Limited
Digvijaygram, Village: Sikka,
Dist.- Jamnagar,
Gujarat- 361140
E-mail : sdcclmines@gmail.com

विषय Sub: Approval of Review and updation of Mining Plan along-with Progressive Mine Closure Plan (PMCP) in respect of Gop-II Limestone Mine of M/s Shree Digvijay Cement Co. Ltd. over an area of 58.68 hectare near Village- Moti Gop, Tehsil- Jamjodhpur, District – Jamnagar, submitted under Rule 17(2) of Minerals (Other than Atomic & Hydro Carbons Energy Minerals) Concession Rules, 2016 & 23 of MCDR 2017.

- संदर्भ /Ref:
1. Your e-mail dated 12th Nov 2021 received in the office.
 2. Our office letter of even number dated 16th Dec 2021
 3. Your letter no. Nil dated- 30 Dec 2021 received in this office on dated 31st Dec 2021.

महोदय/Sir,

With reference to above and in exercise of the power conferred by Clause (b) of Sub-Section (2) of section 5 of Mines & Minerals (Development & Regulation) Act, 1957 read with Government of India order no. S.O. 445 (E) dated 28.04.1987 and Government of India Order No- S.O. 1857 (E) dated 18.05.2016; I hereby approve the aforesaid Review & updation of Mining Plan Including Progressive Mine Closure Plan (herein after refer as **Mining Plan**). This approval is subject to the following conditions:

1. The Mining Plan is approved without prejudice to any other law applicable to the mine area from time to time whether made by the Central Government, State Government or any other authority and without prejudice to any order or direction from any court of competent jurisdiction.
2. The proposals shown on the plates and/or given in the mining plan is based on the lease map /sketch submitted by the lessee and is applicable from the date of approval. Proposed scale of production is subjected to environmental clearance by competent authority.
3. It is clarified that the approval of Mining Plan does not in any way imply the approval of the Government in terms of any other provision of Mines & Minerals (Development & Regulation) Act, 1957, or the Minerals (Other than Atomic & Hydro Carbon Energy Minerals) Concession Rules, 2016 and any other laws including Forest (Conservation) Act, 1980, Environment (Protection) Act, 1986 or the rules made there under, The Occupational Safety, Health and Working Conditions Code, 2020/The Mines Act 1952 and Rule & Regulations made there under.
4. Indian Bureau of Mines has not undertaken verification of the mining lease boundary on the ground and does not undertake any responsibility regarding correctness of the boundaries of the precise area as furnished by the lessee.
5. The Next Financial Assurance shall be due for submission on 31 March 2027.
6. This approval is restricted in respect of the prospective proposals contained therein within the valid mining lease area of this Review and updation of Mining Plan for the period commencing from the date of submission of appropriate and requisite amount of Bank Guarantee (as per chapter-7 of mining plan) against Financial Assurance as per amended MCDR, 2017 in prescribed format and co-terminus with plan period as per rules OR 1st April 2022 for the financial year 2022-23 whichever is LATER, up to financial year 2026-27 with validity up to 31 March 2027 and subject to all statutory compliance and clearance for the mining activity to be carried out with in the mining leasehold.
7. Drone survey shall be carried out and submit the processed output as per rule 34A of MCDR, 2017 (as amended on 03-11-2021).
8. Mining lease is in much close vicinity of
 - a. Public roads are passing through lease area therefore utmost care shall be taken from public safety point of view.
 - b. Proposed area is also in close proximity to the place of religious importance and its connecting roads, thus utmost care shall be taken for connecting roads, pathways etc.
9. Adequate measures shall be taken to prevent any inadvertent access to the mined out area/water logged pits, if any, with appropriate fencing etc.
10. Adequate number of parapet walls, check dams, and/or retaining walls shall be made and maintained in good condition to check any detrimental impact on water regime.
11. Wherever side/benches have finalized or reached to its ultimate limit, immediate steps shall be taken for stabilization/ restoration of such sides/benches/terraces appropriately like plantations of suitable species etc.

12. In addition to the PMCP proposals mining lease holder shall comply the Order of Hon'ble Supreme Court dated 08.01.2020 in the matter of Writ petition(C) No.114/2014(common Cause vs Union of India & Ors.) to undertake re-grassing of the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. **Compliance status of the same shall be furnished every year along with the compliance of PMCP proposals under rule 26(2) of MCDR 2017.** For the compliances including PMCP proposals. The conceptual plan needs to be examined thoroughly on planning and commencement of mining operations in next review & updation of mining plan.
 13. This approval is restricted to the proposals only for the ensuing mining plan period and this approval shall not be interpreted as a compliance of any of the violations made to the statutory provisions.
 14. The mineral wise/ore stocks above the limit prescribed in the threshold values of minerals and below the cut-off grade if any shall be maintained separately and its inventory shall be maintained in a bound page register indicating the quantity and quality of material stacked. The month wise inventory of such materials shall be updated regularly.
 15. Mining operations shall be carried out strictly as per provisions of MCDR 2017 and other rules made under MM(D&R) Act 1957 and updated time to time.
 16. At any stage, if it is found/observed that any of the information, data, details, drawings, geo-referenced spatial configuration of the mining lease, proposals etc. furnished/incorporated in the mining plan are incorrect or misrepresent the facts or non-compliance of the conditions of the approval letter, if any, the approval of this mining plan shall be revoked with immediate effect.
- Encl: One copy of approved Mining Plan.

भवदीय

(पुष्पेन्द्र गौड़/ Pushpender Gaur)

क्षेत्रीय खान नियंत्रक /Regional Controller of Mines

प्रतिलिपि सूचनार्थ प्रेषित / Copy for kind information to:-

1. The Commissioner, Department of Geology & Mining, Govt. of Gujarat, Gandhinagar, Gujarat, e-mail- commissioner-cgm@gujarat.gov.in.
2. The Geologist, Department of Geology & Mining, Collector Office Compound, Block-A, Bahumali Makan, Lal Bungalow Compound, Jamnagar, Gujarat e-mail- geologist-jam@gujarat.gov.in. Along-with copy of approved Review and updation of Mining Plan along with PMCP. Kindly refer our letter no 684(4)(1)/MP-373/2021-22 GNR dated 12.01.2022 in this matter.
3. Shri K. K. Rajeev Nambiar, The Nominated Owner, M/s Shree Digvijay Cement Company Limited, Digvijaygram, Village: Sikka, Dist.- Jamnagar, Gujarat- 361140 e-mail: anil.nigam@digvijaycement.com.
4. Sh. Deepak Gaur, Mining Engineer E-mail : dgaur@mining360services.com

क्षेत्रीय खान नियंत्रक /Regional Controller of Mines

Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and Ganga Rejuvenation
Central Ground Water Authority (CGWA)
Application for Issue of NOC to Abstract Ground Water (NOCAP)

**Application for Renewal of NOC to Dewater Ground Water for Mining Industry
(Application for Renewal of NOC)**

Application Number : 21-4/2075/GJ/MIN/2017

Applied For Renewal : 1st

1.	General Information:	
	Water Quality:	Fresh Water
	Purpose of Renewal Application:	Existing Ground Water
	Application Type Category/ Type of Application	Limestone
2.	Name of Mine/Project:	GOP COMPOSITE LIMESTONE MINE
3.	Location Details of the Mining Unit- (Attach Site, Approved Mining Plan, Toposketch of Surrounding 10km Radius Outside) (\$) :	
	Address Line 1 :	VILLAGE MOTI GOP
	Address Line 2 :	TALUKA JAMJODHPUR
	Address Line 3 :	
	State:	GUJARAT
	District:	JAMNAGAR
	Sub-District:	JAMJODHPUR
	Village/Town:	Moti Gop
	Latitude:	
	Logitude:	
	Area Type :	Non-Notified
	Area Type Category :	Safe
	Whether industry is MSME:	No
4.	Communication Address	
	Address Line 1:	MANISH KUMAR UPADHYAY
	Address Line 2:	SHREE DIGVIJAY CEMENT COMPANY LTD
	Address Line 3:	DIGVIJAYGRAM
	State:	GUJARAT
	District:	JAMNAGAR
	Sub-District:	JAMNAGAR
	Pincode:	361140
	Phone Number with Area Code:	
	Mobile Number:	91 7861880790
	Fax Number:	
5.	Details of Existing NOC issued by CGWA (enclose copy)	
	E-Mail:	sdccmines@gmail.com
	NOC Letter No:	CGWA/NOC/MIN/ORIG/2021/11841
	Date of Issuance:	06/05/2021
	Vailidity (Start):	06/05/2021
	Validity (End):	05/05/2023

Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and Ganga Rejuvenation
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	Reason for not applying for renewal before expiry of NOC Validity (Attach Affidavit):				
6.	Change in Land Use Pattern after execution of Project and Surroundings (10 km Radius - Outside)				
	Lease Area is Government waste land. The area consist of mostly barren land isolated agriculture land. Part of the area is forest land.				
7.	Land Use Detail of Project Area				
	Land Use Details	Existing (sq meter)	Proposed (sq meter)	Grand Total (sq meter)	
	Green Belt Area	187700.00	0.00	187700.00	
	Open Land	2524689.00	0.00	2524689.00	
	Road/ Paved Area	41585.00	0.00	41585.00	
	Rooftop area of building/ sheds	18126.00	0.00	18126.00	
	Total	2772100.00	0.00	2772100.00	
8.	Whether there is a change in Topography of the Area after the execution of the Project:		Yes		
	a) Regional	It is Upland with numbers of isolated Rocky Pediments and Pediments			
	b) Project Area	Rocky Pediment with isolated mine pits			
9.	Whether there is change in Drainage pattern of the area after the execution of the Project:		Yes		
	a) Regional	Small Gullies from Gop Hills			
	b) Project Area	Small Gullies from Gop Hills			
10.	Present Townships / Villages within 10 km radius of the Project:-		Moti Gop, Zinavari, Kathitad, Sanosary		
11.	Whether the Groundwater Table will be Intersected by Activity :-				No
	(a) At What Depth (m bgl)	Pre-monsoon		Post-monsoon	
	Minimum (m bgl)				
	Maximum (m bgl)				
	(b) Maximum Depth Proposed to Dewater (m bgl)				
	(c) Groundwater Flow Direction (Attach Map)(\$)				
	(d) Any Other Information				
12.	Total Water Requirment for various Purpose to be Mentioned	Existing (m3/day)	Additional (m3/day)	Existing (m3/year)	Additional (m3/year)
	Ground Water Required through Abstract Structure	30.00		10600.00	
	Ground Water Abstracted on account of Dewatering / Mining Seepage				
	Total Ground Water Withdrawal	30.00	0	10600.00	0
13.	Details of De-Watering Structure				
	(a) De-Watering Existing Structure				

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Number of Existing Structures:							0				
	SNo.	Type of Structure Name / Year of Construction	Depth (Meter) / Diameter (mm)	Depth to Water Level (Meters below Ground Level)	Discharge (m3/Hour)	Operational Hours(Day) / Days (Year)	Mode of Lift Name	Horse Power of Pump	Whether fitted with Water Meter	Whether Permission Registered with CGWA /If so Details Thereof	
(b) De-Watering Requirement and Additional Structure Detail											
Number of Proposed Structures:							0				
	SNo.	Type of Structure Name / Year of Construction	Depth (Meter) / Diameter (mm)	Depth to Water Level (Meters below Ground Level)	Discharge (m3/Hour)	Operational Hours(Day) / Days(Year)	Mode of Lift Name	Horse Power of Pump	Whether fitted with Water Meter	Whether Permission Registered with CGWA/If so Details Thereof	
14. Details of Utilization of Pumped Water (Please Attach Details)(m3/year) (\$)											
	(a)	Water Supply	Yes		7060.00	Domestic Water					
	(b)	Agriculture	No								
	(c)	Green Belt Development	Yes		3177.00	Green Belt Development					
	(d)	Suppression of Dust	Yes		3530.00	For Dust Suppression					
	(e)	Recharge	Yes		637680.00	From Mining Pit in Rainy Season					
	(f)	Any Other Item									
15. Monitoring of Ground Water Regime (Attach Map(\$))											
	(a)	Location Details of the Wells / Piezometers (Latitude, Longitude, Reduced Level)				Open Well 001 Latitude 22.044305; Longitude 69.918919 001 Latitude 22.044664; Longitude 69.921318					
	(b)	Number of Wells / Piezometers				Two					
	(c)	Attach Details of GW Level of Observation Wells / Piezometers(At Least for One Year)(\$)				Ground water Monitoring and water level record enclosed Annexure-IV					
	(d)	General Quality of GW in the Area & Surroundings (\$)				Ground Water Quality enclosed Annexure-V					
	(e)	Any Other Item				Water Balance Chart enclosed as Annexure-VI					
16. Give the details of change in groundwater regime and quality after execution of the project (Attach detailed report with Map showing GW flow direction(\$))											
	Drainage map in 10km radius in closed as Annexure-XVIII										

Government of India
Ministry of Jal Shakti
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17.	Proposed Pump / Pumping Groundwater Outside the Mine Pit for Domestic or Other Use (If so, give Details):										
	Number of Existing Structures:						3				
		SNo.	Type of Structure Name / Year of Construction	Depth (Meter) / Diameter (mm)	Depth to Water Level (Meters below Ground Level)	Discharge (m3/Hour)	Operational Hours (Day) / Days (Year)	Mode of Lift Name	Horse Power of Pump	Whether fitted with Water Meter	Whether Permission Registered with CGWA/If so Details Thereof
		1	Dugwell / 2015	21.00 / 3950	12.60	5.00	6 / 300	Submersible Pump	2.00	Yes	Yes / -
		2	Dugwell / 2015	23.90 / 4200	22.20	5.00	6 / 300	Submersible Pump	2.00	Yes	Yes / -
		3	Borewell / 2021	90.00 / 150	30.00	2.00	1 / 300	Submersible Pump	2.00	Yes	Yes / -
	Number of Additional Structures:						1				
		SNo.	Type of Structure Name / Year of Construction	Depth (Meter) / Diameter (mm)	Depth to Water Level (Meters below Ground Level)	Discharge (m3/Hour)	Operational Hours (Day) / Days (Year)	Mode of Lift Name	Horse Power of Pump	Whether fitted with Water Meter	Whether Permission Registered with CGWA/If so Details Thereof
		1	Borewell / 2023	90.00 / 200	30.00	10.00	5 / 300	Submersible Pump	3.00	Yes	Yes / -
18.	(a). Compliance to the Condition prescribed in the NOC										
	SNo.	Conditions given in NOC				Compliance Conditions Applicable			Status of Compliance		
	1	Area Specific Plantation				Yes			Area Specific Plantation is enclosed as Annexure-XIV		
	2	Domestic Water School Sanitation				Yes			Domestic Water School Sanitation Photographs is enclosed as Annexure-XVI		
	3	Groundwater quality monitoring - Pre monsoon and Post monsoon				Yes			Groundwater quality monitoring - Pre monsoon and Post monsoon is enclosed as Annexure-V		
	4	Maintenance of recharge structures				Yes			Recharge Pond photographs is enclosed as Annexure-VII		

Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and Ganga Rejuvenation
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5	Number of Pizometers as per NOC and Water Level Record	Yes	Piezometer as per NOC and Water Level Record photographs is enclosed as Annexure-IV
6	Number of Tubewells Borewales as per NOC	Yes	Number of Borewell as per NOC photographs is enclosed as Annexure-II
7	Pizometer fitted with AWLRs with telemetry as per NOC	Yes	Not Applicable, Piezometer as per NOC and Water Level Record photographs is enclosed as Annexure-IV
8	Quantum of Groundwater as per NOC	Yes	Water Balance Chart is enclosed as Annexure-VI
9	Recharge through ponds	Yes	Recharge through ponds is enclosed as Annexure-VII
10	Recycle and reuse of water	Yes	will be done
11	RWH and AR structures implemented	Yes	Recharge Pond photographs is enclosed as Annexure-VII
12	Submission of Compliance report to the Region	Yes	The CGWA NOC Condition Compliance already submitted copy is enclosed as Annexure-XX
13	Water conservation measures	Yes	Recharge Pond photographs is enclosed as Annexure-VII
14	Water Security Plan of villages	Yes	Will be done
15	Well monitored around the plant premises	Yes	Well monitored around the mining area photograph is enclosed as Annexure-IV
16	Wells fitted with water meter and its Record	Yes	Wells fitted with water meter and its Record is enclosed as Annexure Annexure XII

(b). Compliance to the Condition prescribed in the NOC - Other

SNo.	Conditions given in NOC	Status of Compliance
No Record Found!		
19. Gainful utilaization of pump water:-		

Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and Ganga Rejuvenation
Central Ground Water Authority (CGWA)
Application for Issue of NOC to Abstract Ground Water (NOCAP)

Application for Renewal of NOC to Dewater Ground Water for Mining Industry
(Application for Renewal of NOC)

Application Number : 21-4/2075/GJ/MIN/2017

Applied For Renewal : 1st

20.	Details of Rainwater Harvesting and Artificial Recharge Measures for Groundwater Recharge in the Area:-			
MINING USE- Self Declaration				
☒ I hereby certify that the data and information furnished above are true to the best of my knowledge and belief and I am aware that if any part of the data / information submitted is found to be false or misleading at any stage, the application will be rejected outright.				
I hereby declare that all the mandatory documents prescribed in the application form have been uploaded and no blank /irrelevant documents have been uploaded. I am also aware that any false/ wrong submission /uploading of document will lead to rejection of my application without any notice.				
It is to certify that no case related to ground water withdrawal/ contamination is pending against the industry/ project/ unit as on date. Any such case filed against the company/ project/ unit in respect of ground water withdrawal/ contamination during the pendency of this application shall be immediately brought to the notice of CGWA.				
I hereby undertake that in case any environmental compensation/ penalty is imposed on the firm by any statutory authority, I shall comply with the decision of such authority.				
1. Application Proforma is subject to modification from time to time.				
2. Application is submitted online on website http://cgwa-noc.gov.in to following office.				
Regional Director,Central Ground Water Board West Central Region, Swami Narayan College, Building, Shah Alam Tolnaka, AHMADABAD, GUJARAT,380022				
3. Incomplete application will be summarily rejected.				
Scanned copy of last page of application with signature and seal should be attached at presribed place before submission of application.				
4. Reciept of Processing Fee of Rs. 5000.00/- (Rupees Five Thousand Only) submitted through NON TAX RECEIPT PORTAL (https://bharatkosh.gov.in) should be attached along with hard copy of application.				
Processing Fee:-				
Bharat Kosh Transaction Ref. No:-		2604230003270		
Bharat Kosh Transaction Date:-		26/04/2023		
Note:- The Processing Fee is Non-Refundable. Applicant should ensure and Check Eligibility of Submission of Application and Required Documents before Submitting Online Application.				
5.	Hard copy of application required:		No	
6.	Ground Water Quality Approved	Not Define	Ground Water Charge Required:	Not Define
	Ground Water Charge Recieve:	No	Ground Water Charge Amount:	
			Ground Water Aear Amount:	

Attached Files:

1). GroundWater flow Direction Map: (Refer:11-C)

Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and Ganga Rejuvenation
Central Ground Water Authority (CGWA)
Application for Issue of NOC to Abstract Ground Water (NOCAP)

Application for Renewal of NOC to Dewater Ground Water for Mining Industry
(Application for Renewal of NOC)

Application Number : 21-4/2075/GJ/MIN/2017

Applied For Renewal : 1st

S.No	Attachment Name	File Name
1	Groundwater Flow Direction Map	Annexure-XVIII (Drainage Map).pdf

2). GW Level of Observation Wells / Piezometer : (Refer:15-C)

S.No	Attachment Name	File Name
1	GW Level of Observation Wells/Piezometer	Annexure-IV (Piezometer Well with WLR).pdf

3). General Quality of Ground Water in the Area : (Refer:17-D)

S.No	Attachment Name	File Name
1	General Quality of GW in Area	Annexure-V (WQR).pdf

4). Changes in Topography : (Refer: 8)

S.No	Attachment Name	File Name
1	Topography	Annexure-XIX (Toppographical Map).pdf

5). Changes in Drainage Pattern : (Refer: 9)

S.No	Attachment Name	File Name
1	Drainage Map	Annexure-XVIII (Drainage Map).pdf

6). Reason for Not Applying for Renewal before Expiring NOC : (Refer: 5)

No Attachment Found!

7). Existing NOC : (Refer: 5)

S.No	Attachment Name	File Name
1	Existing NOC	Annexure-I (NOC).pdf

8). Compliance to the Condition prescribed in the NOC : (Refer: 17-a)

S.No.	Conditions given in NOC	Attachments		
		S.No.	Attachment Name	File Name
1	Area Specific Plantation	No Attachment Found!		
2	Domestic Water School Sanitation	No Attachment Found!		
3	Groundwater quality monitoring - Pre monsoon and Post monsoon	No Attachment Found!		
4	Maintenance of recharge structures	No Attachment Found!		
5	Number of Pizometers as per NOC and Water Level Record	No Attachment Found!		
6	Number of Tubewells Borewales as per NOC	No Attachment Found!		
7	Pizometer fitted with AWLRs with telemetry as per NOC	No Attachment Found!		

Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and Ganga Rejuvenation
Central Ground Water Authority (CGWA)
Application for Issue of NOC to Abstract Ground Water (NOCAP)

Application for Renewal of NOC to Dewater Ground Water for Mining Industry
(Application for Renewal of NOC)

Application Number : 21-4/2075/GJ/MIN/2017

Applied For Renewal : 1st

8	Quantum of Groundwater as per NOC	No Attachment Found!
9	Recharge through ponds	No Attachment Found!
10	Recycle and reuse of water	No Attachment Found!
11	RWH and AR structures implemented	No Attachment Found!
12	Submission of Compliance report to the Region	No Attachment Found!
13	Water conservation measures	No Attachment Found!
14	Water Security Plan of villages	No Attachment Found!
15	Well monitored around the plant premises	No Attachment Found!
16	Wells fitted with water meter and its Record	No Attachment Found!

9). Compliance to the Condition prescribed in the NOC - Other : (Refer: 17-b)

SNo.	Conditions given in NOC	Attachments		
		S.No.	Attachment Name	File Name

10). Extra Attachment :

S.No	Attachment Name	File Name
1	Affidavit Non availability of water	Affidavit - (Non-Availability Water Gop).pdf
2	Affidavit of wet land	Affidavit - (Wetland Gop).pdf
3	CHR-Gop	Annexure-XI (CHR).pdf
4	Approval Letter of MP	Annexure- XXI (Mining Plan Approval Letter).pdf
5	NOC Condition Compliance Report	CGWA Compliance-Gop Final.pdf

11). Bharat Kosh Reciept (Porcessing Fee):

No Attachment Found!

12). Application with Signature and Seal:

S.No	Attachment Name	File Name
1	Aplication with Signature and Seal Attachment	Declaration Letter-Gop.pdf

13). MSME certificate in case of MSME:

No Attachment Found!

Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and Ganga Rejuvenation
Central Ground Water Authority (CGWA)
Application for Issue of NOC to Abstract Ground Water (NOCAP)

Application for Renewal of NOC to Dewater Ground Water for Mining Industry
(Application for Renewal of NOC)

Application Number : 21-4/2075/GJ/MIN/2017

Applied For Renewal : 1st

Date :

Name & Signature of the applicant

Place :

(With official seal)

Associated User : anilnigam

Submitted By User : anilnigam

Submission Date : 28/04/2023

* In case signed by any authorized signatory, the details of the signatory with the authorization shall be enclosed.

GUJARAT MOTOR VEHICLE DEPARTMENT

State Transport Department

JAMNAGAR

FORM 38

[See Rule 62(1)]

CERTIFICATE OF FITNESS

(Applicable in the case of transport vehicles only)

Vehicle No: GJ10TX5419 (Goods Carrier) is certified as complying with the provisions of the Motor vehicles Act 1988 and the rules made there under.

Registration No : GJ10TX5419
 Application No : GJ21112019635229
 Inspection Fee Receipt No : GJ10R21110001261
 Receipt Date : 20-Nov-2021
 Chassis No : MAT541198K1K17779
 Engine No : ISB5.9B4S230T191K63813020
 Seating Capacity : 2 (Including Driver)
 Type of Body : TIPPER
 Manufacturing Year : 2019
 Category of Vehicle : HGV
 Inspected on : 22-Nov-2021
 Printed on : 22-Nov-2021 18:10:41

Certificate will expire on : 25-Nov-2023
 Next Inspection Due : 27-Sep-2023
 Date

Inspected by (SUJAL PATEL)


S. V. PATEL
 Signature of Inspecting Authority
 JAMNAGAR
 Jamnagar RTC
 Gujarat State

**Royal****Environment Auditing & Consultancy Service**

Plot No. 19 & 20, B/s. The North Star Nest School, Masoom School Road, Mota Mava, RAJKOT - 360 005.
Ph.: +91 9099919954 ■ E-mail : royalenvironment@live.com ■ admin@royalconsultancy.com

Annexure-VIII

Ref. No. : 897/10/2022-23

Date: 31/10/2022

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 27/10/2022

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	57.4	46.2
02.	Chorbedi Mines Adm. Building	55.1	41.3
03.	Pachhtar and Pachhtardi Mines Adm. Building	51.7	42.6

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 : 04/03/2022

Royal Environment Auditing & Consultancy Service

Ashish
Analyst



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Ref. No. : 898/10/2022-23

Date: 31/10/2022

WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 27/10/2022

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)	81.8	69.8	62.7
02.	Hyundai - 140 (LC - 9)	79.1	71.0	65.4
Pachhtar and Pachhtardi Mines		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
03.	Dozer BD 355 Dozer(New)	84.8	73.1	62.3
04.	Hyundai - 140 Excavator	76.5	66.3	60.2
05.	Tata - 200 Excavator	75.8	71.2	64.7
GOP MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
06.	Dozer D8 - N (CAT)	81.6	70.6	64.8
07.	Hyundai - 140 (LC - 9)	73.5	68.8	65.1

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

Calibration done on : 04/03/2022

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Ref. No. : 997/11/2022-23

Date:01/12/2022

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 28/11/2022

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	56.8	45.2
02.	Chorbedi Mines Adm. Building	53.2	42.8
02.	Pachhtar and Pachhtardi Mines Adm. Building	50.4	43.6

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. (LUTRON)

Calibration done on : 04/03/2022

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Date: 01/12/2022

Ref. No. : 998/11/2022-23

WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited
Digvijaygram - 361 140.
District : Jamnagar.

Sampling Date : 28/11/2022

Sr. No. Location of Sampling		dB(A)		
		90 dBA		
Permissible Limits for 8:00 Hrs.				
CHORBEDI MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
01.	Dozer D8 - N (CAT)	80.2	68.2	63.4
02.	Hyundai - 140 (LC - 9)	78.4	69.4	66.4
Pachhtar and Pachhtardi Mines		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
03.	Dozer BD 355 Dozer(New)	83.7	74.6	64.2
04.	Hyundai - 140 Excavator	77.9	65.3	61.6
05.	Tata - 200 Excavator	77.6	72.6	66.2
GOP MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
06.	Dozer D8 - N (CAT)	82.4	71.2	65.6
07.	Hyundai - 140 (LC - 9)	75.1	69.2	66.7

Instruments used : Sound level meter, model : IL-006719. (LUTRON)
Calibration done on : 04/03/2022

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Ref. No. : 997/12/2022-23

Date:03/01/2023

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 28/12/2022

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	54.7	43.8
02.	Chorbedi Mines Adm. Building	51.6	38.2
03.	Pachhtar and Pachhtardi Mines Adm. Building	49.3	41.6

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 : SL-4030. (LUTRON)

Calibration done on : 04/03/2022

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Ref. No. : 998/12/2022-23

Date: 03/01/2023

WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

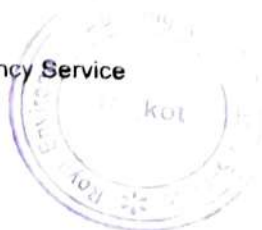
Sampling Date : 28/12/2022

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)	79.2	71.5	61.6
02.	Hyundai - 140 (LC - 9)	77.4	68.8	64.3
Pachhtar and Pachhtardi Mines		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
03.	Dozer BD 355 Dozer(New)	84.6	72.3	61.4
04.	Hyundai - 140 Excavator	78.1	66.5	60.2
05.	Tata - 200 Excavator	76.8	70.4	65.6
GOP MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
06.	Dozer D8 - N (CAT)	83.6	73.4	66.1
07.	Hyundai - 140 (LC - 9)	74.3	68.9	64.7

Instruments used : Sound level meter, model : SL-4030. (LUTRON)

Calibration done on : 04/03/2022

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Ref. No. : 197/01/2022-23

Date:30/01/2023

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 24/01/2023

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	55.9	45.6
02.	Chorbedi Mines Adm. Building	52.7	43.4
03.	Pachhtar and Pachhtardi Mines Adm. Building	50.3	40.8

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 : SL-4030. (LUTRON)

Calibration done on : 04/03/2022

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Ref. No. : 198/01/2022-23

Date: 30/01/2023

WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 24/01/2023

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)	80.5	67.3	64.7
02.	Hyundai - 140 (LC - 9)	76.2	69.8	65.4
Pachhtar and Pachhtardi Mines		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
03.	Dozer BD 355 Dozer(New)	83.4	73.6	62.5
04.	Hyundai - 140 Excavator	77.5	65.9	62.1
05.	Tata - 200 Excavator	74.3	72.5	63.8
GOP MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
06.	Dozer D8 - N (CAT)	84.6	70.3	64.7
07.	Hyundai - 140 (LC - 9)	72.8	66.5	62.4

Instruments used : Sound level meter, model : SL-4030. (LUTRON)

Calibration done on : 04/03/2022

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Plot No. 19 & 20, B/s. The North Star Nest School, Masoom School Road, Mota Mava, RAJKOT - 360 005.
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Ref. No. : 297/02/2022-23

Date:01/03/2023

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 24/02/2023

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.	Chorbedi Mines Adm. Building	53.8	44.3
02.	Pachhtar and Pachhtardi Mines Adm. Building	51.5	41.9

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-4030. (LUTRON)

Calibration done on : 04/03/2022

Royal Environment Auditing & Consultancy Service



Ashish
Analyst



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Ph.: +91 9099919954 ■ E-mail : royaleenvironment@live.com ■ admin@royalconsultancy.com

Ref. No. : 298/02/2022-23

Date:01/03/2023

WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 24/02/2023

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)	78.3	68.4	65.8
02.	Hyundai - 140 (LC - 9)	77.5	70.1	66.3
03.	Tata - 200 Excavator	80.8	72.5	63.2
Pachhtar and Pachhtardi Mines		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
04.	Dozer BD 355 Dozer(New)	84.2	71.6	63.6
05.	Hyundai - 140 Excavator	78.4	64.8	63.2
06.	Tata - 200 Excavator	76.9	70.4	64.9

Instruments used : Sound level meter, model : SL-4030. (LUTRON)

Calibration done on : 04/03/2022

Royal Environment Auditing & Consultancy Service



Ashish
Analyst



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Plot No. 19 & 20, B/s. The North Star Nest School, Masoom School Road, Mota Mava, RAJKOT - 360 005.
Ph.: +91 9099919954 ■ E-mail : royalenvironment@live.com ■ admin@royalconsultancy.com

Ref. No. : 397/03/2022-23

Date:21/03/2023

REPORT OF AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 15/03/2023

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	57.2	48.6
02.	Chorbedi Mines Adm. Building	54.6	46.4
03.	Pachhtar and Pachhtardi Mines Adm. Building	50.8	42.5

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 : SL-4030. (LUTRON)

Calibration done on : 04/03/2022

Royal Environment Auditing & Consultancy Service



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Analyst



Royal

Environment Auditing & Consultancy Service

Plot No. 19 & 20, B/s. The North Star Nest School, Masoom School Road, Mota Mava, RAJKOT - 360 005.
Ph.: +91 9099919954 ■ E-mail : royalenvironment@live.com ■ admin@royalconsultancy.com

Ref. No. : 398/03/2022-23

Date:21/03/2023

WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 15/03/2023

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)	79.4	69.5	66.9
02.	Hyundai - 140 (LC - 9)	78.6	71.2	67.4
03.	Tata - 200 Excavator	81.9	73.6	64.3
Pachhtar and Pachhtardi Mines		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
04.	Dozer BD 355 Dozer(New)	85.3	72.7	66.7
05.	Hyundai - 140 Excavator	79.5	65.9	64.3
06.	Tata - 200 Excavator	77.2	71.5	65.8
GOP MINES		Inside Cabin	15 Mtr. Away from m/c.	50 Mtr. Away from m/c.
06.	Dozer D8 - N (CAT)	85.7	72.4	65.8
07.	Hyundai - 140 (LC - 9)	73.9	68.6	63.5

Instruments used : Sound level meter, model : SL-4030. (LUTRON)

Calibration done on : 04/03/2022

Royal Environment Auditing & Consultancy Service



Ashish
Analyst



Annexure-IX

GOP-2 LIMESTONE MINES
YEARLY EXPENDITURE STATEMENT
FOR ENVIRONMENT MANAGEMENT
(For the Period of October 2022 to March 2023)

Sr. No.	WORK	Grand Total
1	Ambient Air & Noise Monitoring	19440
2	Water Sprinkling on haul roads	22200
3	Security and Maintenance	78600
	Total	120240

Signature

Dharmendra Kumar Bansal

(Manager Mines)



REGISTERED A/D

GPCB-ID-30566

GOP/GPCB/Form -V/C/352/3375

Date: 22.05.2023

To,

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

**Subject: Submission of Form V for our Gop (Composite) Limestone Mines pertaining to M/s
Shree Digvijay Cement Company Limited**

Sir,

We hereby submitting the form-V (Environment Audit Report) for the financial year ending **31st March 2023 (2022-2023)** for our Gop (Composite) Limestone mines.

We hope that you shall find the same in order.

Thanking you,

Yours faithfully,

For Shree Digvijay Cement Co. Ltd.

Dharmendra Kumar Bansal

(Manager Mine)

Encl.: As above

Copy to Regional officer, GPCB, Jamnagar

FORM V

Environment Audit Report for the financial year ending the 31st March 2023

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 : **07.04.2022**

PART – B

Water & Raw Material Consumption

(i) * Water consumption M³ / day

Process	:	0
Cooling	:	0
Domestic (Drinking)	:	19.95 KL
Dust Suppression	:	2.93 KL
Plantation	:	0.49 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 2021-22	During current Financial Year 2022-23
	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 2021-22	During the current financial year 2022-23
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		77400 L	86700 L
8	Lubricant oil		394 L	2095 L
9	Grease		97.5 Kg	493 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		
		--	--	--
		--	--	--
		--	--	--

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-2021-22	During the current Financial Year-2022-23
(a)	From Process (Used Oil from Machines)	40 Litres	100 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.
- 5.

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: 22.05.2023

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



Name: Dharmendra Kumar Bansal
Designation: Manager (Mines)
Address: Shree Digvijay Cement Co. Ltd.
P.O. Digvijaygram 361140
(Via) Jamnagar, Gujarat