

Through E-mail

SDCCL/ENV/2024-25/ F – 45 / 01

Date: 29.05.2024

To,
Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, A wing- 407 & 409,
Aranya Bhawan, Near CH-3 Circle, Sector-10A, Gandhi Nagar-382010
Mail Id: iro.gandhingr-mefcc@gov.in

Subject: Submission of Six-Monthly Environmental Clearance compliance report for Expansion of Cement Plant (1.20 MTPA to 3.00 MTPA) and Clinker (1.10 MTPA to 2.21 MTPA) with 8.5 MW WHRS in 48.71 ha by M/s. Shree Digvijay Cement Company Ltd., located at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat for the period of October 2023 to March 2024.

Ref: EC Letter No. IA-J-11011/409/2019-IA-II(IND-I) Dated: 21st April 2023.

Dear Sir,

This has reference to above subject matter, we are herewith submitting the Six-Monthly compliance report of stipulated conditions as laid down in Environmental Clearance for the period of October 2023 to March 2024.

This is for your kind information and record please.

Thanking you,

Yours faithfully,
For **Shree Digvijay Cement Co. Ltd.**


Authorized Signatory



Cc:

- 1. Member Secretary,**
Gujarat Pollution Control Board, Sector 10-A, Paryavaran Bhavan, Gandhinagar – 382 010
Mail id: membersecretarygpcb@gmail.com, ms-gpcb@gujarat.gov.in
- 2. Regional Officer,**
Gujarat Pollution Control Board, JADA Building, Sardar Patel Bhavan, Kasturba Gandhi Road,
Opp. TB Hospital, Jamnagar – 361 005, Mail id: ro-gpcb-jamn@gujarat.gov.in
- 3. Regional Director,**
Central Pollution Control Board,
Parivesh Bhawan, Opp. Ward No. 10 VMC Office Subhanpura, Vadodara – 390 023
Mail Id: prasoon.cpcb@nic.in

Shree Digvijay Cement Company Limited

P.O. Digvijaygram - 361140, Sikka, District – Jamnagar, Gujarat

Environment Clearance No. IA-J-11011/409/2019-IA-II(IND-I) Dated: 21st April 2023.

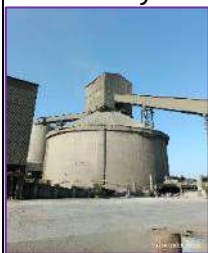
EC Identification No. EC23A009GJ110379



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HALF-YEARLY COMPLIANCE STATUS REPORT OF ENVIRONMENTAL CLEARANCE FOR EXPANSION OF CEMENT PLANT (1.20 TO 3.00 MTPA) AND CLINKER (1.10 TO 2.21 MTPA) WITH 8.5 MW WHRS LOCATED IN 48.71 HA, M/S SHREE DIGVIJAY CEMENT COMPANY LTD., LOCATED AT P.O. DIGVIJAYGRAM, SIKKA, DISTRICT JAMNAGAR, GUJARAT.

(Period of Compliance status: 1st October 2023 to 31st March 2024)

SN	Conditions	Compliance Status
A. Specific conditions:		
(i)	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Noted & agreed
(ii)	The PP shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	Being Complied. We have been taken following steps for environmental protection for our existing Plant and same measures will be implemented during execution of proposed expansion project: <u>Air Quality Management: -</u> • Closed silos for Clinker, dry fly ash, Cement. • Closed Conveyer belts for raw material movement. • Dry fly ash transportation through bulker. • Mechanical Road sweeping vehicles (For road Cleaning). • Bag filters at the belt transfer points. • APCM are installed in Raw Mill & KILN, Coal mill, Cement Mill & Coler ESP. • Retrofit system installed in standby DG.  Clinker Silo Raw Mill Silo Fly Ash Silo  Coal Covered storage shed

Shree Digvijay Cement Company Limited

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Limestone covered storage Shed



Cement Silos



Closed Conveyor belt for clinker



Closed conveyor belt for Raw materials



Internal Roads

Shree Digvijay Cement Company Limited

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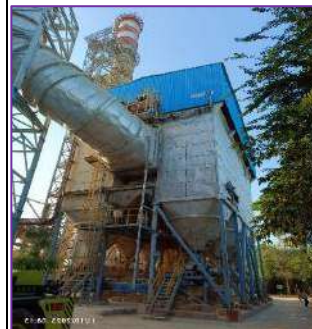
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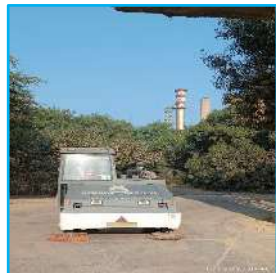
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Flyash transportation through bulker & unloading.



APCM in Raw Mill Bag House & Coal Mill Bag House



Mechanical Road sweeping vehicles utilization for road cleaning

Water Quality Management:

- Developed 3 nos. rainwater harvesting ponds for recharge the ground water table.
- STP for domestic wastewater treatment.
- WTP for WHRS.



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		 <u>Rainwater harvesting ponds</u>  <u>STP 300 KLD</u>  <u>WTP installed in WHRS</u> <u>Noise Quality Management:</u> • Acoustically enclosed room for compressor house. • Acoustic enclosure for D.G. set. • The regular checking/maintenance of machineries are being done to reduce/control noise generation from/at the sources.
(iii)	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.	Noted and compliance assured.
(iv)	Sikka (10 m, East to North), Nimaz Colony (20 m, South west), Mungni village (750m, South) and GSECL (TPS) colony (400 m, South East) falls within 10 km radius study area of the project site. Also, there are two schools present adjacent to the project site namely SDDCL Public School (arial 20 m from plant boundary) and SDDCL Pre Primary &Primary School (arial 45 m from	Being complied. SDCCL has developed greenbelt around the schools and will be carried out further also. <i>Photographs are enclosed.</i>

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	plant boundary). Project Proponent shall implement appropriate environmental safeguard measures to minimise the impact including dense vegetation/plantation around the schools. The PP shall also include some of these locations in its environmental monitoring programme.	
(v)	As committed, PP shall adopt village Digvijaygram and implement Village Adoption program consisting of need-based community development activities, to develop into model village.	Being Complied.
(vi)	A seasonal nala enters through the SSE direction into the plant boundary and exits in south western direction and covers a short distance of 375 m in the south side of plant area. Gulf of Kachchh is at a distance of 0.5 km in the NW direction. The EAC is of the opinion that as submitted a robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.	Noted and compliance assured along with execution of proposed expansion project.
(vii)	The water requirement of 240 m³ /day after expansion is proposed to be obtained from ground water. Necessary permissions shall be obtained from the Competent Authority in this regard. PP shall explore the possibility of shifting to alternate source of water to reduce dependency on groundwater.	Noted and compliance assured.
(viii)	Three tier Green Belt shall be developed in	Being complied.

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	at least 33% of total project area by 2023-24 as per the submitted action plan with native species all along the periphery of the project site of adequate width and tree density shall not be less than 2500 per ha. Gap filling of existing plantation shall be undertaken and survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy alongwith windshield inside the plant premises to act as green barrier for air pollution & noise levels towards nearby habitation and schools. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.	Noted and compliance assured. Green belt development is continuous process.   
(ix)	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	Noted and compliance assured. (Greenbelt development & paving works are continuous progress and same will be carried out along with execution of proposed expansion project.  Greening & Paving  Greening & Paving

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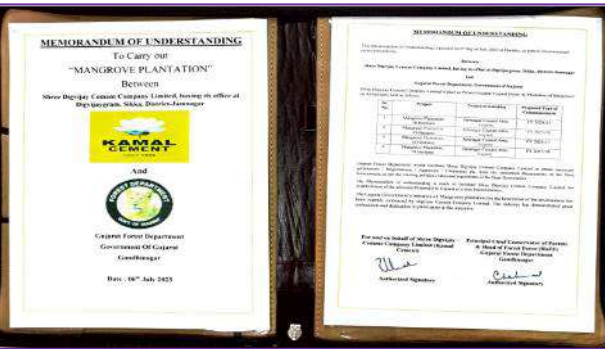
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(x)	PP shall undertake conservation of mangroves as per the submitted action plan.	Noted and compliance assured. MOU with Govt. of Gujarat for Mangrove plantation – 40 ha. Has been signed on 06-07-2023 as a part of Prime Minister's MISHTI (Mangrove Initiative for Shoreline Habitats and Tangible Incomes) scheme, in presence of Hon'ble Minister of Environment, Forest & Climate Change, GoI, New Delhi.  
(xi)	The proposed project shall be designed as "Zero Liquid Discharge" Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. MSW waste shall be treated in digester and recovered gas shall be used in the canteen.	Noted and compliance assured. The proposed expansion project is designed as "Zero Liquid Discharge" Plant. WTP is installed at WHRS. STP 300 KLD is installed for domestic effluent treatment.   WTP installed in WHRS  STP 300 KLD

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(xii)	The PP shall also undertake rain water harvesting measures as per the plan submitted in the EIA/EMP report and reduce water dependence from the outside source.	Being complied We have made 3 nos rainwater harvesting structures inside the company premises as below mentioned. 1. Near Primary School 2. Behind Kalyan Kendra 3. Behind Six Bungalow   
(xiii)	All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains to trap the run off material.	Noted and compliance assured.
(xiv)	All internal and connecting road to the Highway shall be black topped/ concreted with suitable load in term of Million Standard Axle (MSA) as per IRC guidelines.	Noted and compliance assured.
(xv)	Performance monitoring of pollution control equipment shall be taken up yearly and compliance status in this regard shall be reported to the concerned Regional Office of the MoEF&CC.	Being complied. Compliance status report of annual Performance monitoring of pollution control equipment report 2022-23 is enclosed as Annexure-1
(xvi)	Dioxin and furans shall be monitored twice a year during co-processing of hazardous waste and report shall be submitted to the	Being complied. <i>Latest Reports enclosed as Annexure-A</i>

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	Regional Office of the MoEF&CC.																							
(xvii)	Particulate matter emissions from all the stacks shall be less than 30 mg/Nm3 .	Being Complied Stack PM emission monitoring data is mentioned as below mentioned. <table><tr><th>S. No.</th><th>Location of Stack</th><th colspan="2">PM (mg/Nm³) (AVG)</th></tr><tr><td>1</td><td>Raw Mill & Kiln</td><td colspan="2">15.78</td></tr><tr><td>2</td><td>Cement Mill</td><td colspan="2">14.20</td></tr><tr><td>3</td><td>Coal Mill</td><td colspan="2">13.64</td></tr><tr><td>4</td><td>Cooler ESP</td><td colspan="2">16.42</td></tr></table>			S. No.	Location of Stack	PM (mg/Nm³) (AVG)		1	Raw Mill & Kiln	15.78		2	Cement Mill	14.20		3	Coal Mill	13.64		4	Cooler ESP	16.42	
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4	Cooler ESP	16.42																						
(xviii)	DeSOx system shall be provided dry type. NOx level shall be maintained below 600 mg/Nm3 by using best available technology.	Being Complied DeSOx system is not applicable as the there is no pyritic sulphur in raw material which is main source of SO ₂ emission in cement industry. SNCR (Selective non-catalytic reduction) system and Low NOx burner are installed to reduce the NOx emission and achieved the result below 600 mg/Nm3. SO ₂ and NOx average results are mentioned as under. <table><tr><th rowspan="2">S. No.</th><th rowspan="2">Location of Stack</th><th colspan="2">AVG Result</th></tr><tr><th>SO₂ (mg/Nm³)</th><th>NOx (mg/Nm³)</th></tr><tr><td>1</td><td>Raw Mill & Kiln</td><td>25.04</td><td>475.12</td></tr></table>			S. No.	Location of Stack	AVG Result		SO ₂ (mg/Nm³)	NOx (mg/Nm³)	1	Raw Mill & Kiln	25.04	475.12										
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1	Raw Mill & Kiln	25.04	475.12																					
(xix)	Petcoke dosing shall be controlled automatically to control SO2 emission from chimney within the prescribed limits.	Noted and compliance assured																						
(xx)	PP shall identify the Source of fluoride emissions and action plan to mitigate the same shall be implemented.	Being Complied We have monitored for find out the source of fluoride emissions in our Raw Mill & Kiln stack. And the test result was <i>Not detected</i> . Test report is enclosed as Annexure-B . So, there is no action required for mitigation of fluoride emissions.																						
(xxi)	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	Noted and being complied.																						
(xxii)	Action Plan for fire fighting system including provision for flame detectors, temperature actuated heat detectors with alarms, automatic sprinkler system, fixing the location of fire water tanks, separate power system for fire fighting, involvement of qualified and trained fire personnel, nearest fire station & time required to reach the proposed site shall be prepared and implemented.	Noted and being complied.																						
(xxiii)	All the recommendations made in the risk assessment report shall be implemented and compliance status in this regard shall be furnished to the Regional Office of the MoEF&CC along with the six monthly compliance report.	Being Complied in existing Plant and compliance assured during execution of proposed expansion project. <i>Compliance status of recommendations made in the risk assessment is enclosed as Annexure: C</i>																						
(xxiv)	All the commitments made to the public during the Public Hearing/Public	Noted and compliance assured.																						

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	Consultation shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.	
(xxv)	The recommendations of the approved Site-Specific Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.	Noted and compliance assured. Final recommendation of approved plan will be implemented in association with state forest department along with execution of proposed project.
(xxvi)	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/ . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.	Already in practice and will continue to comply. The report along with photographs on the measures taken is enclosed as Annexure-D.
(xxvii)	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the	Being complied. Already in practice and will continue to comply. SDCCCL has already adopted the clean air practices like installation of mechanical dust collectors, bag houses, electrostatic precipitators, combustion systems, condensers.

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	atmosphere.	 Raw Mill Bag House Coal Mill Bag House Cement Mill Bag House Electrostatic Precipitator SNCR system for NOx reduction Condenser in WHRS
B. General conditions		
I. Statutory compliance:		
i.	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.	Noted & compliance assured.

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II. Air quality monitoring and preservation																																							
i.	The project proponent shall install 24x7 continuous emission monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and 10th May, 2016 (in case of Co-processing Cement); as amended from time to time; and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Being complied. Continuous Emission Monitoring systems are installed in our existing plant for 24x7 monitoring and connected to SPCB & CPCB through online servers. Calibrations are also done through Labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. CEMS are considered for all the major process stacks of expansion project.  																																					
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.	Being Complied and submitted the reports in Gujarat Pollution Control Board regularly.																																					
iii.	The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	Being Complied and submitted the reports in Gujarat Pollution Control Board regularly. Average test results are mentioned in below. <table border="1"> <thead> <tr> <th>Location</th><th>PM10 µg/M³</th><th>PM2.5 µg/M³</th><th>SOx µg/M³</th><th>NOx µg/M³</th></tr> </thead> <tbody> <tr> <td>Permissible Limit (µg/M³)</td><td>100</td><td>60</td><td>80</td><td>80</td></tr> <tr> <td>On the Terrace of Guest House</td><td>44.83</td><td>18.53</td><td>10.82</td><td>16.25</td></tr> <tr> <td>Near Loco Shed</td><td>49.50</td><td>25.10</td><td>12.20</td><td>17.58</td></tr> <tr> <td>At Village Sikka</td><td>57</td><td>32.67</td><td>12.75</td><td>18.17</td></tr> <tr> <td>Terrace of SDCCL Primary School</td><td>50</td><td>26.67</td><td>11.52</td><td>16.68</td></tr> <tr> <td>Terrace of Custom Office (Jetty)</td><td>44.17</td><td>19.83</td><td>12.05</td><td>16.33</td></tr> </tbody> </table>			Location	PM10 µg/M ³	PM2.5 µg/M ³	SOx µg/M ³	NOx µg/M ³	Permissible Limit (µg/M³)	100	60	80	80	On the Terrace of Guest House	44.83	18.53	10.82	16.25	Near Loco Shed	49.50	25.10	12.20	17.58	At Village Sikka	57	32.67	12.75	18.17	Terrace of SDCCL Primary School	50	26.67	11.52	16.68	Terrace of Custom Office (Jetty)	44.17	19.83	12.05	16.33
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iv.	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Being Complied. Monthly summary report of continuous stack emission, air quality monitoring, results of manual stack monitoring, manual monitoring of air quality and fugitive emissions are enclosed as Annexure-E .																																					
v.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Being complied in existing plant and compliance assured in expansion project.																																					

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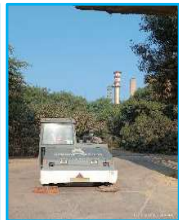
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		  Raw Mill Bag House Coal Mill Bag House   Cement Mill Bag House Electrostatic Precipitator
vi.	The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.	Being complied in existing plant and compliance assured in expansion project.
vii.	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	Being complied in existing plant and compliance assured in expansion project.
viii.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Being complied.   
ix.	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.	Being complied.  Fly ash transportation through closed bulkers.  Covered conveyors.

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x.	Provide wind shelter fence and chemical spraying on the raw material stock piles; and	Noted and compliance assured.
xi.	Provide Low NOX burners as primary measures and SCR /NSCR technologies as secondary measure to control NOX emissions.	Complied. Low NOx burner and SNCR system is already in place.
xii.	Have separate truck parking area and monitor vehicular emissions at regular interval.	Being Complied. Plant has separate truck parking area. Company is engaging only valid PUC certified vehicles.
xiii.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.	Being Complied. Covered conveyor belts are provided. Partial cement is being transported through bulkers / railway transport mode.  Covered conveyors 
xiv.	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants.	Being Complied.
III. Water quality monitoring and preservation		
i.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25 thAugust, 2014 (Cement) and subsequent amendment dated 9thMay, 2016 (Cement) and 10th May, 2016 (in case of Co-processing Cement) as amended from	Not applicable as no effluent is being generated while manufacturing of Cement.

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	time to time; and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	
ii.	The project proponent shall regularly monitor ground water quality at least twice a year (pre and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Being complied. The pre-& post monsoon ground water quality test reports are enclosed as Annexure-F.
iii.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Being Complied Sewage Treatment Plant of 300 KLD is already installed for treatment of domestic wastewater.  STP
iv.	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off	Noted and compliance assured.
v.	Water meters shall be provided at the inlet to all unit processes in the cement plant.	Complied.  Water meters at the inlet
vi.	The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Being complied. Our whole system is based on Zero liquid Discharge (ZLD). WTP has been installed in WHRS. STP has been installed for domestic sewerage treatment.
IV. Noise monitoring and prevention		
i.	Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Being complied. Noise quality test reports are enclosed as Annexure-G.
ii.	The ambient noise levels should conform to the standards prescribed under E(P)A	Being complied. Already in practice and results are found

Shree Digvijay Cement Company Limited

P.O. Digvijaygram - 361140, Sikka, District – Jamnagar, Gujarat

Environment Clearance No. IA-J-11011/409/2019-IA-II(IND-I) Dated: 21st April 2023.

EC Identification No. EC23A009GJ110379



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	Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	under the prescribed standards.
V. Energy Conservation measures		
i.	Waste heat recovery system shall be provided for kiln and cooler.	Complied WHRS has been installed with capacity of 8.5 MW/Hr.
ii.	The project proponent makes efforts to achieve power consumption less than 65 units/ton for Portland Pozzolona Cement (PPC) and 85 units/ton for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.	Being complied
iii.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Noted and compliance assured.
iv.	Provide the project proponent for LED lights in their offices and residential areas.	Being complied.
VI. Waste management		
i.	Used refractories shall be recycled as far as possible.	Being complied.
VII. Green Belt		
i.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the program for reduction of the same including carbon sequestration by trees in the plant premises.	Being complied. We are utilizing the AFR materials in our system. WHRS has been installed for generating the greener fuel. We are also purchasing wind / solar power from Grid. Greenbelt has been developed in the plant premises and same is continuing.
ii.	Project proponent shall submit a study report within six months on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitorable with defined time frames.	Noted & compliance assured.
VIII. Public hearing and Human health issues		
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Being complied Company has implemented HIRA & Disaster Management Plan.
ii.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as	Being complied All workforces are provided with all required PPEs and heat resistance PPEs while working near high temperature work zone.

Shree Digvijay Cement Company Limited

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EC Identification No. EC23A009GJ110379



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	per the norms.	
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Being complied
IX. Environment Management		
i.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.	Being complied.
ii.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/ violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Complied Company has approved Environmental Policy and enclosed as Annexure-H .
iii.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Being Complied
X. Miscellaneous		
i.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	The Environmental Clearance along with environmental conditions and safeguards has been advertised in local newspapers as • "Times of India" dated 26.04.2023 in English Language. • "Sandesh" dated 26.04.2023 in Gujarati Language.

Shree Digvijay Cement Company Limited

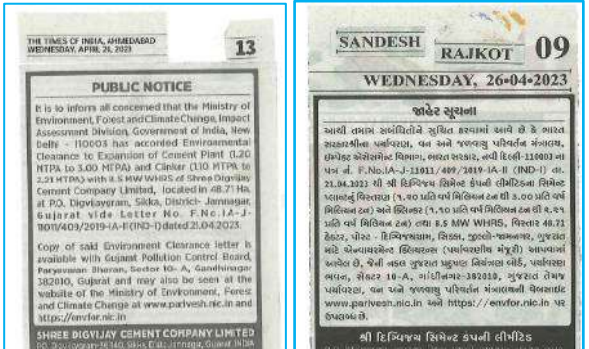
P.O. Digvijaygram - 361140, Sikka, District – Jamnagar, Gujarat

Environment Clearance No. IA-J-11011/409/2019-IA-II(IND-I) Dated: 21st April 2023.

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		 Environmental Clearance along with environmental conditions and safeguards is displayed in Company's website as below mentioned. Microsoft Word - Covering letter - Six Monthly EC Compliance report submission April-Sept 23 (digvijaycement.com)
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	The copies of the environmental clearance have been submitted to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government within the stipulated time. Same is enclosed as Annexure-I .
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Being Complied.
iv.	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Being Complied. All parameters related to Ambient Air & stack emissions are displayed in display board & LED display board. Above are displayed in Company's website. 
v.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Being complied.
vi.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed	Being Complied. The last Form-V (2022-23) has been submitted in GPCB and displayed the same

Shree Digvijay Cement Company Limited

P.O. Digvijaygram - 361140, Sikka, District – Jamnagar, Gujarat

Environment Clearance No. IA-J-11011/409/2019-IA-II(IND-I) Dated: 21st April 2023.

EC Identification No. EC23A009GJ110379



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	under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	in company website. FORM-V-2022-23.pdf (digvijaycement.com)
vii.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Commencing the land development work has been intimated to Regional Office as well as the Ministry on 28.12.2023 vide our letter No. SDCCL/ENV/2023/24/F-02. Same is enclosed as Annexure-J .
viii.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted and compliance assured.
ix.	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.	Noted and compliance assured.
x.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted and compliance assured.
xi.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted and compliance assured.

For Shree Digvijay Cement Company Limited.

Authorized Signatory



Vimta Labs Limited

Registered Office
142, IDA Phase II, Cherlapally
Hyderabad-500 051, Telangana, India
T : +91 40 2726 4141
F : +91 40 2726 3657

**ISSUED TO:**

M/S. SHREE DIGVIJAY CEMENTS CO LTD.,
VIA-JAMNAGAR,
DIGVIJAYGRAM-361140,
GUJARAT, INDIA

Report Number : VLL/VLS/23/20815/001
Issued Date : 2024.02.23
P.O. Number : 4500054069
P.O. Date : 2023.10.28

Page 1 of 2

SAMPLE PARTICULARS : Source Emission Monitoring at Raw Mill & Kiln Bag House stack during Co-Processing with Liquid & Solid waste.

Sample Registration Date	: 2024.02.10	Sampling Date	: 2024.02.08
Analysis Starting Date	: 2024.02.10	Analysis Completion Date	: 2024.02.23
Test Required	: HF, HCl, NO _x , SO ₂ , CO, PM and TOC.		
Sample collected by Vimta Labs Ltd.			

TEST REPORT

Sr. No.	Parameters	UoM	Method of Testing	Results	CPCB Standards as per GSR 497(E).
1	Diameter of stack	m	-	4.5	-
2	Flue gas temperature	°C	-	110	-
3	Velocity	m/sec	USEPA method -2	7.80	-
4	Volumetric flow rate	Nm ³ /Sec		89.86	-
5	Volumetric flow rate	Nm ³ /hr		323496	-
6	Hydrogen Fluoride as HF	mg/Nm ³	USEPA method -13	0.29	<01
7	Hydrogen Chloride as HCl	mg/Nm ³	USEPA method -26	4.2	<10
8	Particulate Matter as PM	mg/Nm ³	USEPA method-5	20.5	<30
9	Oxides of Nitrogen as NO ₂	mg/Nm ³	USEPA method -07	578.5	<1000
10	Sulphur Dioxide as SO ₂	mg/Nm ³	USEPA method -06	16.5	<100
11	Carbon Monoxide as CO	mg/Nm ³	Flue Gas Analyzer	94.6	<100
12	Total Organic Compounds as TOC	mg/nm ³	USEPA method -40 & MM5(10)	3.8	<10

All the Values are represented at 10% O₂

Dr. Subba Reddy Mallampati
Manager-Environment

Vimta Labs Limited

Registered Office
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Driven by Quality. Inspired by Science.

ISSUED TO:

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VIA-JAMNAGAR,
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Page 2 of 2

SAMPLE PARTICULARS : Source Emission Monitoring at Raw Mill & Kiln Bag House stack during co-processing with Liquid & Solid waste.

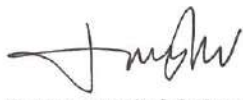
Sample Registration Date	: 2024.02.10	Sampling Date	: 2024.02.08
Analysis Starting Date	: 2024.02.10	Analysis Completion Date	: 2024.02.23
Test Required	: Hg & its compounds, Sb+As+Pb+Co+Cr+Cu+Mn+Ni+V+Their compounds		
Sample collected by Vimta Labs Ltd.			

TEST REPORT

Sr. No.	Parameters	UoM	Method of Testing	Results	CPCB Standards as per GSR 497(E).
1	Cadmium + Thallium (Cd + TI) + their Compound	mg/Nm ³	USEPA Method -29	<0.002	< 0.05
2	Mercury as Hg + their Compound			<0.003	< 0.025
3	Chromium as Cr + their Compound			0.034	--
	Manganese as Mn + their Compound			0.029	
	Arsenic as As + their Compound			0.022	
	Antimony as Sb + their Compound			0.020	
	Lead as Pb + their Compound			0.021	
	Cobalt as Co + their Compound			0.002	
	Copper as Cu + their Compound			0.010	
	Nickel as Ni + their Compound			0.024	
	Vanadium as V + their Compound			0.012	
	Zinc as Zn+ their Compound			0.014	
	Tin as Sn+ their Compound			0.003	
	Selenium as Se+ their Compound			0.026	
	Sb+ As+ Pb+ Co+ Cr+ Cu+ Mn+ Ni+ V+ Their compounds			0.179	< 0.5

Instruments used: GC-FID, ICP-MS, Cold Vapor AAS and GC-MS

All the values are represented at 10% O₂


Dr. Subba Reddy Mallampati
Manager-Environment

Vimta Labs Limited

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ISSUED TO:

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VIA-JAMNAGAR,
DIGVIJAYGRAM-361140,
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Report Number : VLL/VLS/23/20815/002
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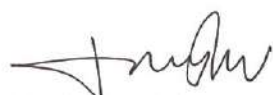
SAMPLE PARTICULARS : Source Emission Monitoring at Raw Mill & Kiln Bag House stack during co-processing with Liquid & Solid waste.

Sample Registration Date	: 2024.02.10	Sampling Date	: 2024.02.08
Analysis Starting Date	: 2024.02.10	Analysis Completion Date	: 2024.02.23
Test Required	: PCDD & PCDF		
Sample collected by Vimta Labs Ltd.			

TEST REPORT

Sr. No.	Parameters	UoM	Results
1	Diameter of stack	m	4.5
2	Flue gas temperature	$^{\circ}\text{C}$	110
3	Velocity	m/sec	7.80
4	Oxygen as O_2	%	9.16
Sr. No.	Congeners of Dioxins & Furans	UoM	Results
1	2,3,4,7,8-TCDF	TEQ ng/Nm ³	0.0003
2	1,2,3,7,8-PeCDF		0.0001
3	2,3,4,7,8-PeCDF		0.00001
4	1,2,3,4,7,8-HxCDF		0.0000
5	1,2,3,6,7,8-HxCDF		0.0008
6	2,3,4,6,7,8-HxCDF		0.0000
7	1,2,3,7,8,9-HxCDF		0.0067
8	1,2,3,4,6,7,8-HpCDF		0.0035
9	1,2,3,4,7,8,9-HpCDF		0.0003
10	OCDF		0.0006
11	2,3,7,8-TCDD		0.0026
12	1,2,3,7,8-PeCDD		0.0047
13	1,2,3,4,7,8-HxCDD		0.0004
14	1,2,3,6,7,8-HxCDD		0.0014
15	1,2,3,7,8,9-HxCDD		0.0000
16	1,2,3,4,6,7,8-HpCDD		0.0010
17	OCDD		0.0010
Total Furans & Dioxins		ng TEQ/Nm ³	0.0044
Total Furans & Dioxins		ng TEQ /Nm ³ , Corrected to 10% O_2	0.00369

Method of Testing: As per USEPA 23 A & 8290

Remarks: All the values are corrected to 10% O_2 as per CPCB Co-Processing Guidelines

Dr. Subba Reddy Mallampati
Manager-Environment



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. : 114/09/2023-24

Date : 30/09/2023

REPORT OF STACK EMISSION ANALYSIS

Name of Company : Shree Digvijay Cement Co. Limited,
Digvijaygram, At. Sikka,
Taluka & District : Jamnagar.

Test Method : As per IS Standards - 11255_1/3/5

Sr. No.	Particulars	Unit	S - 1
01.	Date of sampling	---	25/09/2023
02.	Time of sampling	Hr	10.00
03.	Duration of Sampling	Mins.	45.00
04.	Stack Attached to	---	Raw Mill & Kiln Exit
05.	Air Pollution Control Measures	---	Bag House
06.	Stack Height	Meter	71
07.	Stack Diameter	Meter	4.5
08.	Type of Fuel Used	---	Coal + AFR
09.	Ambient Temperature	°C	31
10.	Stack Temperature	°C	115
11.	Average Velocity of Flue Gases	M/Sec.	13.4
12.	Isokinetic flow rate for P.M. Sampling	LPM	20
13.	Permissible Limit for Fluoride	mg/Nm³	---
14.	Measured Concentration of Fluoride	mg/Nm ³	N.D.

Instruments used : Ecotech Stack Sampler, Model No. ESS 100

N.D. = Not Detected

Calibration Done on : 26/12/2022

Royal Environment Auditing & Consultancy Service



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 : royalsenvironment@live.com ■ admin@royalconsultancy.com

Ref. No. : 84/10/2023-24

Date : 25/10/2023

REPORT OF STACK EMISSION ANALYSIS

Name of Company : Shree Digvijay Cement Co. Limited,
Digvijaygram, At. Sikka,
Taluka & District : Jamnagar.

Test Method : As per IS Standards - 11255_1/3/5

Sr. No.	Particulars	Unit	S - 1
01.	Date of sampling	---	18/10/2023
02.	Time of sampling	Hr	11.00
03.	Duration of Sampling	Mins.	45.00
04.	Stack Attached to	---	Raw Mill & Kiln Exit
05.	Air Pollution Control Measures	---	Bag House
06.	Stack Height	Meter	71
07.	Stack Diameter	Meter	4.5
08.	Type of Fuel Used	---	Coal + AFR
09.	Ambient Temperature	°C	32
10.	Stack Temperature	°C	120
11.	Average Velocity of Flue Gases	M/Sec.	12.8
12.	Isokinetic flow rate for P.M. Sampling	LPM	20
13.	Permissible Limit for Fluoride	mg/Nm ³	---
14.	Measured Concentration of Fluoride	mg/Nm ³	N.D.

Instruments used : Ecotech Stack Sampler, Model No. ESS 100

N.D. = Not Detected

Calibration Done on : 26/12/2022

Royal Environment Auditing & Consultancy Service



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. : 101/11/2023-24

Date : 28/11/2023

REPORT OF STACK EMISSION ANALYSIS

Name of Company : Shree Digvijay Cement Co. Limited,
Digvijaygram, At. Sikka,
Taluka & District : Jamnagar.

Test Method : As per IS Standards - 11255_1/3/5

Sr. No.	Particulars	Unit	S - 1
01.	Date of sampling	---	20/11/2023
02.	Time of sampling	Hr	10.30
03.	Duration of Sampling	Mins.	45.00
04.	Stack Attached to	---	Raw Mill & Kiln Exit
05.	Air Pollution Control Measures	---	Bag House
06.	Stack Height	Meter	71
07.	Stack Diameter	Meter	4.5
08.	Type of Fuel Used	---	Coal + AFR
09.	Ambient Temperature	°C	32
10.	Stack Temperature	°C	111
11.	Average Velocity of Flue Gases	M/Sec.	13.2
12.	Isokinetic flow rate for P.M. Sampling	LPM	21
13.	Permissible Limit for Fluoride	mg/Nm ³	---
14.	Measured Concentration of Fluoride	mg/Nm ³	N.D.

Instruments used : Ecotech Stack Sampler, Model No. ESS 100

Calibration Done on : 26/12/2022

N.D. = Not Detected



Royal Environment Auditing & Consultancy Service

Analyst

Shree Digvijay Cement Company Limited

RECOMMENDATIONS MADE IN THE RISK ASSESSMENT REPORT (EIA/EMP)**As per EC Specific Conditions (xxiii)**

Sr. No.	Risk Mitigation Measures	Status
1.	Design, manufacture and construction of all plant and machineries building are and will be as per national and international codes as applicable in specific cases and laid down by statutory authorities.	Noted & Compliance assured during execution of proposed expansion project.
2.	Provision of adequate access way for movement of equipment and personnel is and shall be kept.	Complied In existing Plant, Compliance assured during execution of proposed expansion project.
3.	Minimum two no. of gates for escape during disaster are and shall be provided.	Complied In existing Plant, Compliance assured during execution of proposed expansion project.
4.	System of fire hydrants and automatic water sprinkling system for all important transformers.	Compliance assured.
5.	Fire hydrants with fire hoses in all areas where fire can break.	Compliance assured.
6.	Shielded cover is and will be paved on the signal cable to separate from the power cable if they shall be laid together.	Compliance assured.
7.	The design of this project is set with safety measurements such as lighting proof grounding and anti- electric shock.	Compliance assured.
8.	Standard operating procedures (SOPs) for every section and general works.	Being Complied.
9.	Periodic training to the operators.	Being Complied.
10.	Regular inspection, maintenance, and housekeeping for every section of the entire organization.	Being Complied.
11.	Only competent personnel allowed for electrical and maintenance work.	Being Complied.
12.	Energy isolation before the maintenance should be made compulsory.	Being Complied.
13.	Proper communication among workers is necessary. So, effective audible and visual communication devices must be available in working condition.	Complied In existing Plant, Compliance assured during execution of proposed expansion project.
14.	Danger signages at the required places must be available.	Complied In existing Plant, Compliance assured during execution of proposed expansion project.
15.	The alarm system in every section must be available for emergency situations.	Being Complied.
16.	The use of hand railings while using staircases should bring in culture. The three-point contact concept should be implemented.	Complied In existing Plant, Compliance assured during execution of proposed expansion project.
17.	The safety exit and safety evacuation space would meet the requirements of Factories act.	Complied In existing Plant, Compliance assured during execution of proposed expansion project.
18.	The different type of fire extinguishers are present and have been proposed at strategic locations in the plant.	Complied In existing Plant, Compliance assured during execution of proposed expansion project.
19.	Personal protective equipment are mandatory and shall be provided.	Complied In existing Plant, Compliance assured during execution of proposed expansion project.



REPORT ON AWARENESS SESSIONS ON BAN OF SUP ITEMS (SINGLE USE PLASTIC)

INTRODUCTION

Single-use plastics pose a significant threat due to their enduring impact on the environment, potential harm to wildlife and ecosystems, their role in depleting valuable resources and contributing to greenhouse gas emissions, as well as the health-related risks they entail. Therefore, reducing the usage of single-use plastics and embracing more sustainable alternatives is imperative to alleviate these detrimental effects and advance our efforts towards a cleaner, healthier, and more sustainable planet.

This is precisely why Shree Digvijay Cement Co. Ltd (SDCCL) is wholeheartedly committed to raising awareness about the issues associated with single-use plastics. The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. To ensure the compliance of Notification published by Ministry on 12/08/2021, SDCCL is organising the sensitization and awareness programmes among people working within the Project area as well as its surrounding area on the ban of SUP. Some Pictures are given for the reference.



AWARENESS PROGRAM ON SUP BAN WITH SCHOOL CHILDREN



AWARENESS SESSION WITH HOUSEWIFE ON SUP



AWARENESS SESSION ON SUP BAN AT PRIMARY SCHOOL, DIGVIJAYGRAM





AWARENESS DISPLAY BOARD AT CANTEEN AREA INSIDE



AWARENESS DISPLAY BOARD NR. MAIN FACTORY GATE



AWARENESS DISPLAY BOARD NR. BUS STOPPAGE,
DIGVIJAYGRAM



AWARENESS DISPLAY BOARD -
INSIDE THE PLANT



AWARENESS DISPLAY BOARD NR. ADMINISTRATIVE
BUILDING

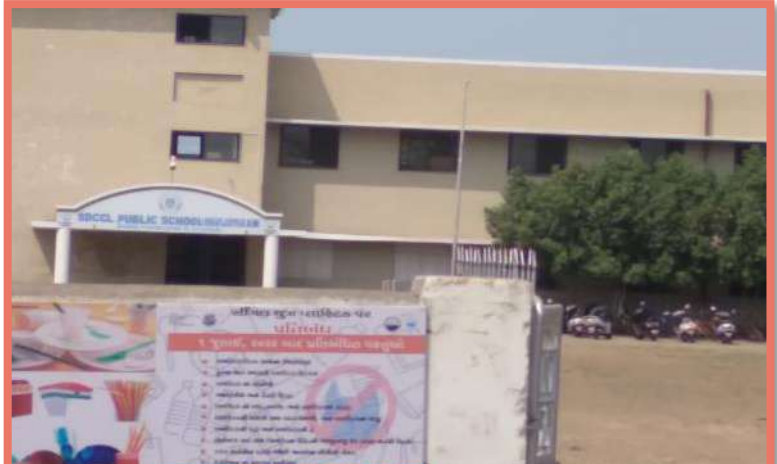


AWARENESS DISPLAY BOARD AT CANTEEN AREA
OUTSIDE THE PLANT





**AWARENESS DISPLAY BOARD -
AT BHUNGA VILLAGE**



AWARENESS DISPLAY BOARD AT SCHOOL, DIGVIJAYGRAM



DISPLAY BOARD - AT GRAM PANCHAYAT





MONTHLY AWARENESS SESSIONS WITH EMPLOYEES DURING GATE



AWARENESS PROGRAM WITH EMPLOYEES DURING TOOL BOX TALK



AWARENESS PROGRAM WITH EMPLOYEEES DURING TOOL BOX TALK

Monthly Summary Report of Continuous stack emission

From Date	01-10-2023 00:00
To Date	31-03-2024 23:59
Interval	Monthly
Function	Average

Plant	SDCCL	SDCCL	SDCCL	SDCCL	SDCCL	SDCCL
Station	Raw Mill & Kiln	Raw Mill & Kiln	Raw Mill & Kiln	Cooler ESP	Coal Mill	Cement mill
Parameter	PM	SO ₂	NO _x	PM	PM	PM
Unit	mg/Nm ³	mg/Nm ³	mg/Nm ³	mg/Nm ³	mg/Nm ³	mg/Nm ³
Limit	30	100	1000	30	30	30
01-10-2023 00:00	12.14	17.54	367.34	12.24	11.41	12.1
01-11-2023 00:00	20.46	12.19	375.81	11.07	9.51	9.06
01-12-2023 00:00	17.64	9.26	387.54	11.05	11.35	11.97
01-01-2024 00:00	13.71	16.31	392.77	14.84	10.26	12.5
01-02-2024 00:00	9.2	9.45	387.65	17.79	8.95	12.24
01-03-2024 00:00	7.34	10.54	414.71	17.94	14.02	11.54
Average	15.78	25.04	475.12	16.42	13.64	14.20
Maximum	20.46	17.54	414.71	17.94	14.02	12.5
Median	12.93	11.37	387.60	13.54	10.81	12.04
Minimum	7.34	9.26	367.34	11.05	8.95	9.06
Mode	0	0	0	0	0	0
Data%	99%	99%	99%	99%	99%	99%

Online Pollution Monitoring Portal

From Date: 2023/10/01 To Date: 2024/03/31

Report Name: Custom Report

Report Created by SDCLIG on 2024-05-21 16:32:56

[illegible]

Ref. No. : RJT/ST/OCTOBER/2023-24/217

Date : 17/10/2023

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 1	Stack # 2	Stack # 3
1.	Date Of Sampling	----	----	11/10/2023	10/10/2023	10/10/2023
2.	Time Of Sampling	Hrs.	----	10.30 to 11.00	14.00 to 14.30	11.30 to 12.00
3.	Stack Attached to	----	----	Raw Mill & Kiln Exit	Cement Mill (KCP)	Cooler Exit
4.	Air Pollution Control Measures	----	----	Bag House	Bag House	ESP
5.	Stack Height	Meter	----	71	50	22
6.	Stack Diameter	Meter	----	4.5	2.8	2.4
7.	Ambient Temperature	°C	----	31	32	31
8.	Stack Temperature	°C	----	120	60	160
9.	Avg. Velocity of Flue Gases	M/Sec	----	13.18	12.14	14.80
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	----	19	21	19
11.	Gaseous Sampling Flow Rate	LPM	----	02	02	02
12.	Measured Concentration of P.M.	mg/Nm ³	30	11	15.2	14.2
13.	Measured Concentration of SO ₂	PPM	100	15	BDL	BDL
14.	Measured Concentration for NO _x	PPM	1000	410	BDL	BDL



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Analyst

Ref. No. : RJT/ST/OCTOBER/2023-24/218

Date : 17/10/2023

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 4
1.	Date Of Sampling	-----	-----	11/10/2023
2.	Time Of Sampling	Hrs.	-----	15.30 to 16.00
3.	Stack Attached to	-----	-----	Coal Mill
4.	Air Pollution Control Measures	-----	-----	Bag Filter
5.	Stack Height	Meter	-----	32
6.	Stack Diameter	Meter	-----	1.4
7.	Ambient Temperature	°C	-----	32
8.	Stack Temperature	°C	-----	72
9.	Avg. Velocity of Flue Gases	M/Sec	-----	13.21
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	-----	22
11.	Measured Concentration of P.M.	mg/Nm³	50	13.5



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Ref. No. : RJT/AMB/OCTOBER/2023-24/219

Date : 17/10/2023

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**

Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 1	Location # 2
1.	Location of Sampling	-----	-----	On the Terrace of Guest House	Near Loco Shed
2.	Date Of Sampling	-----	-----	10/10/23 to 11/10/23	10/10/23 to 11/10/23
3.	Time Of Sampling	Hrs.	-----	09.30 to 09.30 AM	10.00 to 10.00 AM
4.	Dominant Wind Direction (From)	-----	-----	SW	SW
5.	Average Wind Speed	Km/Hrs.	-----	3 to 15	3 to 15
6.	Gaseous Sampling Flow Rate	LPM	-----	0.5	0.5
7.	Measured Concentration of PM10	µg/M³	100.00	35	55
8.	Measured Concentration of PM2.5	µg/M³	60.00	16	20
9.	Measured Concentration of SOx	µg/M³	80.00	10.2	12.4
10.	Measured Concentration of NOx	µg/M³	80.00	15.2	17.2
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	-----	24	24

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Ref. No. : RJT/AMB/OCTOBER/2023-24/220

Date : 17/10/2023

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**

Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 3	Location # 4
1.	Location of Sampling	-----	-----	At Village Sikka	Terrace of SDCCL PrimerySchool
2.	Date Of Sampling	-----	-----	11/10/23 to 12/10/23	11/10/23 to 12/10/23
3.	Time Of Sampling	Hrs.	-----	10.30 to 10.30 AM	11.30 to 11.30 AM
4.	Dominant Wind Direction (From)	-----	-----	SW	SW
5.	Average Wind Speed	Km/Hrs.	-----	3 to 16	3 to 16
6.	Gaseous Sampling Flow Rate	LPM	-----	01	01
7.	Measured Concentration of PM10	µg/M³	100.00	45	43
8.	Measured Concentration of PM2.5	µg/M³	60.00	18	17
9.	Measured Concentration of SOx	µg/M³	80.00	10.8	11.5
10.	Measured Concentration of NOx	µg/M³	80.00	17.6	15.9
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	-----	24	24

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Analyst

Ref. No. : RJT/AMB/OCTOBER/2023-24/221

Date : 17/10/2023

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 5
1.	Location of Sampling	----	----	Terrace of CustomOffice (Jetty)
2.	Date Of Sampling	----	----	10/10/23 to 11/10/23
3.	Time Of Sampling	Hrs.	----	17.30 to 17.30 PM
4.	Dominant Wind Direction (From)	----	----	SW
5.	Average Wind Speed	Km/Hrs.	----	3 to 15
6.	Gaseous Sampling Flow Rate	LPM	----	01
7.	Measured Concentration of PM10	$\mu\text{g}/\text{M}^3$	100.00	38
8.	Measured Concentration of PM2.5	$\mu\text{g}/\text{M}^3$	60.00	16
9.	Measured Concentration of SOx	$\mu\text{g}/\text{M}^3$	80.00	9.5
10.	Measured Concentration of NOx	$\mu\text{g}/\text{M}^3$	80.00	15.2
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	----	24



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Analyst

Ref No.: RJT/WP/OCTOBER/2023-24/222

Date: 17/10/2023

TEST REPORT OF WORK PLACE MONITORING

Issue No:01
Page 1 of 1

Name of Company: Shree Digvijay Cement Co. Limited.
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Date of Sampling: 10th October, 2023.

Gujarat Factories Rules, 1963

FORM No. 37

(Prescribed under Rules 12-B)

(PROFORMA)

Register containing particulars of Monitoring of working environment required under Section 7-A (a) (e)

Sr. No.	Location/Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Air Borne Contamination		Average mg/m ³
				Number of sample	Range mg/m ³	
1.	Near Packing Area	Total Dust (SPM)	Dust Sampler	1	0.759	0.759

Sr. No.	TWA Concentration (as given in Second Schedule)	Reference Method	Numbers of Workers exposed at the Location being monitored	Remarks	Signature of Person taking samples	Name (in Block letters)
1.	Total Dust (SPM) Max. Limit 10 mg/m ³	IS-5182 (Part-4) :1999	3 - 9	-----		MEET BORSADIYA





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Ref. No. : RJT/ST/NOVEMBER/2023-24/53

Date : 18/11/2023

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 1	Stack # 2	Stack # 3
1.	Date Of Sampling	----	----	04/11/2023	04/11/2023	03/11/2023
2.	Time Of Sampling	Hrs.	----	11.15 to 11.45	10.00 to 10.30	15.00 to 15.30
3.	Stack Attached to	----	----	Raw Mill & Kiln Exit	Cement Mill (KCP)	Cooler Exit
4.	Air Pollution Control Measures	----	----	Bag House	Bag House	ESP
5.	Stack Height	Meter	----	71	50	22
6.	Stack Diameter	Meter	----	4.5	2.8	2.4
7.	Ambient Temperature	°C	----	33	32	34
8.	Stack Temperature	°C	----	126	66	167
9.	Avg. Velocity of Flue Gases	M/Sec	----	13.75	11.34	15.82
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	----	20	19	21
11.	Gaseous Sampling Flow Rate	LPM	----	02	02	02
12.	Measured Concentration of P.M.	mg/Nm ³	30	14	12.4	9.8
13.	Measured Concentration of SO ₂	PPM	100	11	BDL	BDL
14.	Measured Concentration for NO _x	PPM	1000	337	BDL	BDL

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Analyst

Ref. No. : RJT/ST/NOVEMBER/2023-24/54

Date : 18/11/2023

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 4
1.	Date Of Sampling	-----	-----	03/11/2023
2.	Time Of Sampling	Hrs.	-----	16.00 to 16.30
3.	Stack Attached to	-----	-----	Coal Mill
4.	Air Pollution Control Measures	-----	-----	Bag Filter
5.	Stack Height	Meter	-----	32
6.	Stack Diameter	Meter	-----	1.4
7.	Ambient Temperature	°C	-----	33
8.	Stack Temperature	°C	-----	78
9.	Avg. Velocity of Flue Gases	M/Sec	-----	12.46
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	-----	20
11.	Measured Concentration of P.M.	mg/Nm³	50	15.1



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Ref. No. : RJT/AMB/NOVEMBER/2023-24/55

Date : 18/11/2023

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**

Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 1	Location # 2
1.	Location of Sampling	-----	-----	On the Terrace of Guest House	Near Loco Shed
2.	Date Of Sampling	-----	-----	03/11/23 to 04/11/23	03/11/23 to 04/11/23
3.	Time Of Sampling	Hrs.	-----	09.20 to 09.20 AM	10.15 to 10.15 AM
4.	Dominant Wind Direction (From)	-----	-----	NE	NE
5.	Average Wind Speed	Km/Hrs.	-----	4 to 16	4 to 16
6.	Gaseous Sampling Flow Rate	LPM	-----	0.5	0.5
7.	Measured Concentration of PM10	µg/M³	100.00	38	45
8.	Measured Concentration of PM2.5	µg/M³	60.00	20	22
9.	Measured Concentration of SOx	µg/M³	80.00	10.9	11.5
10.	Measured Concentration of NOx	µg/M³	80.00	16.4	17.8
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	-----	24	24



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Ref. No. : RJT/AMB/NOVEMBER/2023-24/56

Date : 18/11/2023

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 3	Location # 4
1.	Location of Sampling	----	-----	At Village Sikka	Terrace of SDCCL PrimerySchool
2.	Date Of Sampling	----	-----	04/11/23 to 05/11/23	04/11/23 to 05/11/23
3.	Time Of Sampling	Hrs.	-----	09.50 to 09.50 AM	12.30 to 12.30 PM
4.	Dominant Wind Direction (From)	----	-----	NE	NE
5.	Average Wind Speed	Km/Hrs.	-----	3 to 15	3 to 15
6.	Gaseous Sampling Flow Rate	LPM	-----	01	01
7.	Measured Concentration of PM10	µg/M³	100.00	52	48
8.	Measured Concentration of PM2.5	µg/M³	60.00	25	23
9.	Measured Concentration of SOx	µg/M³	80.00	12.0	11.8
10.	Measured Concentration of NOx	µg/M³	80.00	18.2	18.4
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	-----	24	24



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Analyst

Ref. No. : RJT/AMB/NOVEMBER/2023-24/57

Date : 18/11/2023

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 5
1.	Location of Sampling	----	----	Terrace of CustomOffice (Jetty)
2.	Date Of Sampling	----	----	03/11/23 to 04/11/23
3.	Time Of Sampling	Hrs.	----	17.15 to 17.15 PM
4.	Dominant Wind Direction (From)	----	----	NE
5.	Average Wind Speed	Km/Hrs.	----	4 to 16
6.	Gaseous Sampling Flow Rate	LPM	----	01
7.	Measured Concentration of PM10	µg/M³	100.00	33
8.	Measured Concentration of PM2.5	µg/M³	60.00	15
9.	Measured Concentration of SOx	µg/M³	80.00	9.3
10.	Measured Concentration of NOx	µg/M³	80.00	15.7
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	----	24



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Analyst

Ref No.: RJT/WP/NOVEMBER/2023-24/58

Date: 18/11/2023

TEST REPORT OF WORK PLACE MONITORING

Issue No:01
Page 1 of 1

Name of Company: Shree Digvijay Cement Co. Limited.
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Date of Sampling: 3rd November, 2023.

Gujarat Factories Rules, 1963

FORM No. 37

(Prescribed under Rules 12-B)

(PROFORMA)

Register containing particulars of Monitoring of working environment required under Section 7-A (a) (e)

Sr. No.	Location/Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Air Borne Contamination		Average mg/m ³
				Number of sample	Range mg/m ³	
1.	Near Cement Mill	Total Dust (SPM)	Dust Sampler	1	1.017	1.017

Sr. No.	TWA Concentration (as given in Second Schedule)	Reference Method	Numbers of Workers exposed at the Location being monitored	Remarks	Signature of Person taking samples	Name (in Block letters)
1.	Total Dust (SPM) Max. Limit 10 mg/m ³	IS-5182 (Part-4) :1999	4 - 12	----		NIRAV VAGHELA





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Ref. No. : RJT/ST/DECEMBER/2023-24/147

Date : 12/12/2023

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 1	Stack # 2	Stack # 3
1.	Date Of Sampling	----	----	06/12/2023	06/12/2023	06/12/2023
2.	Time Of Sampling	Hrs.	----	10.30 to 11.00	11.30 to 12.00	14.45 to 15.15
3.	Stack Attached to	----	----	Raw Mill & Kiln Exit	Cement Mill (KCP)	Cooler Exit
4.	Air Pollution Control Measures	----	----	Bag House	Bag House	ESP
5.	Stack Height	Meter	----	71	50	22
6.	Stack Diameter	Meter	----	4.5	2.8	2.4
7.	Ambient Temperature	°C	----	32	32	33
8.	Stack Temperature	°C	----	121	58	157
9.	Avg. Velocity of Flue Gases	M/Sec	----	13.20	11.66	15.20
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	----	19	20	20
11.	Gaseous Sampling Flow Rate	LPM	----	02	02	02
12.	Measured Concentration of P.M.	mg/Nm ³	30	11	14.9	10.3
13.	Measured Concentration of SO ₂	PPM	100	13	BDL	BDL
14.	Measured Concentration for NO _x	PPM	1000	294	BDL	BDL





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Analyst

Ref. No. : RJT/ST/DECEMBER/2023-24/148

Date : 12/12/2023

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 4
1.	Date Of Sampling	-----	-----	07/12/2023
2.	Time Of Sampling	Hrs.	-----	16.00 to 16.30
3.	Stack Attached to	-----	-----	Coal Mill
4.	Air Pollution Control Measures	-----	-----	Bag Filter
5.	Stack Height	Meter	-----	32
6.	Stack Diameter	Meter	-----	1.4
7.	Ambient Temperature	°C	-----	32
8.	Stack Temperature	°C	-----	85
9.	Avg. Velocity of Flue Gases	M/Sec	-----	13.03
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	-----	21
11.	Measured Concentration of P.M.	mg/Nm³	50	17.3



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Ref. No. : RJT/AMB/DECEMBER/2023-24/149

Date : 12/12/2023

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**

Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 1	Location # 2
1.	Location of Sampling	-----	-----	On the Terrace of Guest House	Near Loco Shed
2.	Date Of Sampling	-----	-----	06/12/23 to 07/12/23	06/12/23 to 07/12/23
3.	Time Of Sampling	Hrs.	-----	09.00 to 09.00 AM	10.00 to 10.00 AM
4.	Dominant Wind Direction (From)	-----	-----	NE	NE
5.	Average Wind Speed	Km/Hrs.	-----	3 to 18	3 to 18
6.	Gaseous Sampling Flow Rate	LPM	-----	0.5	0.5
7.	Measured Concentration of PM10	µg/M ³	100.00	42	50
8.	Measured Concentration of PM2.5	µg/M ³	60.00	23	26
9.	Measured Concentration of SOx	µg/M ³	80.00	11.2	12.6
10.	Measured Concentration of NOx	µg/M ³	80.00	17.3	18.1
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	-----	24	24

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Analyst

Ref. No. : RJT/AMB/DECEMBER/2023-24/150

Date : 12/12/2023

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**

Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 3	Location # 4
1.	Location of Sampling	-----	-----	At Village Sikka	Terrace of SDCCL PrimerySchool
2.	Date Of Sampling	-----	-----	07/12/23 to 08/12/23	07/12/23 to 08/12/23
3.	Time Of Sampling	Hrs.	-----	10.00 to 10.00 AM	11.30 to 11.30 AM
4.	Dominant Wind Direction (From)	-----	-----	NE	NE
5.	Average Wind Speed	Km/Hrs.	-----	3 to 18	3 to 18
6.	Gaseous Sampling Flow Rate	LPM	-----	01	01
7.	Measured Concentration of PM10	µg/M³	100.00	56	50
8.	Measured Concentration of PM2.5	µg/M³	60.00	27	19
9.	Measured Concentration of SOx	µg/M³	80.00	13.3	10.1
10.	Measured Concentration of NOx	µg/M³	80.00	17.8	16.9
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	-----	24	24



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Analyst

Ref. No. : RJT/AMB/DECEMBER/2023-24/151

Date : 12/12/2023

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 5
1.	Location of Sampling	----	----	Terrace of CustomOffice (Jetty)
2.	Date Of Sampling	----	----	06/12/23 to 07/12/23
3.	Time Of Sampling	Hrs.	----	16.30 to 16.30 PM
4.	Dominant Wind Direction (From)	----	----	NE
5.	Average Wind Speed	Km/Hrs.	----	3 to 18
6.	Gaseous Sampling Flow Rate	LPM	----	01
7.	Measured Concentration of PM10	$\mu\text{g}/\text{M}^3$	100.00	39
8.	Measured Concentration of PM2.5	$\mu\text{g}/\text{M}^3$	60.00	21
9.	Measured Concentration of SOx	$\mu\text{g}/\text{M}^3$	80.00	10.8
10.	Measured Concentration of NOx	$\mu\text{g}/\text{M}^3$	80.00	16.3
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	----	24



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Analyst

Ref No.: RJT/WP/DECEMBER/2023-24/152

Date: 12/12/2023

TEST REPORT OF WORK PLACE MONITORING

Issue No:01
Page 1 of 1

Name of Company: Shree Digvijay Cement Co. Limited.
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Date of Sampling: 7th December, 2023.

Gujarat Factories Rules, 1963

FORM No. 37

(Prescribed under Rules 12-B)

(PROFORMA)

Register containing particulars of Monitoring of working environment required under Section 7-A (a) (e)

Sr. No.	Location/Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Air Borne Contamination		Average mg/m ³
				Number of sample	Range mg/m ³	
1.	Near Raw Mill	Total Dust (SPM)	Dust Sampler	1	1.112	1.112

Sr. No.	TWA Concentration (as given in Second Schedule)	Reference Method	Numbers of Workers exposed at the Location being monitored	Remarks	Signature of Person taking samples	Name (in Block letters)
1.	Total Dust (SPM) Max. Limit 10 mg/m ³	IS-5182 (Part-4) :1999	6 - 12	-----		MAULIK VYAS




CCS Enviro Control LLP

Ref. No. : RJT/ST/JANUARY/2023-24/211

Date : 25/01/2024

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 1	Stack # 2	Stack # 3
1.	Date Of Sampling	----	----	17/01/2024	17/01/2024	17/01/2024
2.	Time Of Sampling	Hrs.	----	14.15 to 14.45	15.30 to 16.00	10.30 to 11.00
3.	Stack Attached to	----	----	Raw Mill & Kiln Exit	Cement Mill (KCP)	Cooler Exit
4.	Air Pollution Control Measures	----	----	Bag House	Bag House	ESP
5.	Stack Height	Meter	----	71	50	22
6.	Stack Diameter	Meter	----	4.5	2.8	2.4
7.	Ambient Temperature	°C	----	32	32	31
8.	Stack Temperature	°C	----	117	60	154
9.	Avg. Velocity of Flue Gases	M/Sec	----	13.60	11.24	14.69
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	----	20	19	20
11.	Gaseous Sampling Flow Rate	LPM	----	02	02	02
12.	Measured Concentration of P.M.	mg/Nm ³	30	13	16	18
13.	Measured Concentration of SO ₂	PPM	100	15	BDL	BDL
14.	Measured Concentration for NO _x	PPM	1000	310	BDL	BDL



CCS Enviro Control LLP



Analyst

Ref. No. : RJT/ST/JANUARY/2023-24/212

Date : 25/01/2024

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 4
1.	Date Of Sampling	-----	-----	18/01/2024
2.	Time Of Sampling	Hrs.	-----	10.00 to 10.30
3.	Stack Attached to	-----	-----	Coal Mill
4.	Air Pollution Control Measures	-----	-----	Bag Filter
5.	Stack Height	Meter	-----	32
6.	Stack Diameter	Meter	-----	1.4
7.	Ambient Temperature	°C	-----	31
8.	Stack Temperature	°C	-----	78
9.	Avg. Velocity of Flue Gases	M/Sec	-----	12.46
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	-----	20
11.	Measured Concentration of P.M.	mg/Nm³	50	14



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Analyst



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Ref. No. : RJT/AMB/JANUARY/2023-24/213

Date : 25/01/2024

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**

Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 1	Location # 2
1.	Location of Sampling	-----	-----	On the Terrace of Guest House	Near Loco Shed
2.	Date Of Sampling	-----	-----	17/01/24 to 18/01/24	17/01/24 to 18/01/24
3.	Time Of Sampling	Hrs.	-----	09.15 to 09.15 AM	09.45 to 09.45 AM
4.	Dominant Wind Direction (From)	-----	-----	NW	NW
5.	Average Wind Speed	Km/Hrs.	-----	3 to 15	3 to 15
6.	Gaseous Sampling Flow Rate	LPM	-----	0.5	0.5
7.	Measured Concentration of PM10	µg/M ³	100.00	46	54
8.	Measured Concentration of PM2.5	µg/M ³	60.00	20	23
9.	Measured Concentration of SOx	µg/M ³	80.00	10.5	11.1
10.	Measured Concentration of NOx	µg/M ³	80.00	15.9	16.8
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	-----	24	24

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Ref. No. : RJT/AMB/JANUARY/2023-24/214

Date : 25/01/2024

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**

Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 3	Location # 4
1.	Location of Sampling	-----	-----	At Village Sikka	Terrace of SDCCL PrimerySchool
2.	Date Of Sampling	-----	-----	18/01/24 to 19/01/24	18/01/24 to 19/01/24
3.	Time Of Sampling	Hrs.	-----	09.45 to 09.45 AM	11.00 to 11.00 AM
4.	Dominant Wind Direction (From)	-----	-----	NW	NW
5.	Average Wind Speed	Km/Hrs.	-----	3 to 16	3 to 16
6.	Gaseous Sampling Flow Rate	LPM	-----	01	01
7.	Measured Concentration of PM10	µg/M ³	100.00	59	53
8.	Measured Concentration of PM2.5	µg/M ³	60.00	28	21
9.	Measured Concentration of SOx	µg/M ³	80.00	12.4	11.3
10.	Measured Concentration of NOx	µg/M ³	80.00	17.5	17.1
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	-----	24	24

CCS Enviro Control LLP



Analyst

Ref. No. : RJT/AMB/JANUARY/2023-24/215

Date : 25/01/2024

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 5
1.	Location of Sampling	----	----	Terrace of CustomOffice (Jetty)
2.	Date Of Sampling	----	----	17/01/24 to 18/01/24
3.	Time Of Sampling	Hrs.	----	17.00 to 17.00 PM
4.	Dominant Wind Direction (From)	----	----	NW
5.	Average Wind Speed	Km/Hrs.	----	3 to 15
6.	Gaseous Sampling Flow Rate	LPM	----	01
7.	Measured Concentration of PM10	µg/M³	100.00	44
8.	Measured Concentration of PM2.5	µg/M³	60.00	19
9.	Measured Concentration of SOx	µg/M³	80.00	10.2
10.	Measured Concentration of NOx	µg/M³	80.00	15.7
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	----	24



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Analyst

Ref No.: RJT/WP/JANUARY/2023-24/216

Date: 25/01/2024

TEST REPORT OF WORK PLACE MONITORING

Issue No:01
Page 1 of 1

Name of Company: Shree Digvijay Cement Co. Limited.
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Date of Sampling: 17th January, 2024.

Gujarat Factories Rules, 1963

FORM No. 37

(Prescribed under Rules 12-B)

(PROFORMA)

Register containing particulars of Monitoring of working environment required under Section 7-A (a) (e)

Sr. No.	Location/Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Air Borne Contamination		Average mg/m ³
				Number of sample	Range mg/m ³	
1.	Near Coal Mill	Total Dust (SPM)	Dust Sampler	1	1.085	1.085

Sr. No.	TWA Concentration (as given in Second Schedule)	Reference Method	Numbers of Workers exposed at the Location being monitored	Remarks	Signature of Person taking samples	Name (in Block letters)
1.	Total Dust (SPM) Max. Limit 10 mg/m ³	IS-5182 (Part-4) :1999	4 - 10	-----		NIRAV VAGHELA





CCS Enviro Control LLP

Ref. No. : RJT/ST/FEBRUARY/2023-24/242

Date : 13/02/2024

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 1	Stack # 2	Stack # 3
1.	Date Of Sampling	----	----	05/02/2024	05/02/2024	06/02/2024
2.	Time Of Sampling	Hrs.	----	13.45 to 14.00	14.55 to 15.25	10.15 to 10.45
3.	Stack Attached to	----	----	Raw Mill & Kiln Exit	Cement Mill (KCP)	Cooler Exit
4.	Air Pollution Control Measures	----	----	Bag House	Bag House	ESP
5.	Stack Height	Meter	----	71	50	22
6.	Stack Diameter	Meter	----	4.5	2.8	2.4
7.	Ambient Temperature	°C	----	32	32	31
8.	Stack Temperature	°C	----	122	69	159
9.	Avg. Velocity of Flue Gases	M/Sec	----	13.22	11.85	14.31
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	----	19	20	19
11.	Gaseous Sampling Flow Rate	LPM	----	02	02	02
12.	Measured Concentration of P.M.	mg/Nm ³	30	16	12	21
13.	Measured Concentration of SO ₂	PPM	100	12	BDL	BDL
14.	Measured Concentration for NO _x	PPM	1000	340	BDL	BDL



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Analyst

Ref. No. : RJT/ST/FEBRUARY/2023-24/243

Date : 13/02/2024

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 4
1.	Date Of Sampling	-----	-----	05/02/2024
2.	Time Of Sampling	Hrs.	-----	16.15 to 16.45
3.	Stack Attached to	-----	-----	Coal Mill
4.	Air Pollution Control Measures	-----	-----	Bag Filter
5.	Stack Height	Meter	-----	31
6.	Stack Diameter	Meter	-----	1.4
7.	Ambient Temperature	°C	-----	32
8.	Stack Temperature	°C	-----	85
9.	Avg. Velocity of Flue Gases	M/Sec	-----	13.45
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	-----	21
11.	Measured Concentration of P.M.	mg/Nm³	50	23



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Ref. No. : RJT/AMB/FEBRUARY/2023-24/244

Date : 13/02/2024

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**

Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 1	Location # 2
1.	Location of Sampling	-----	-----	On the Terrace of Guest House	Near Loco Shed
2.	Date Of Sampling	-----	-----	05/02/24 to 06/02/24	05/02/24 to 06/02/24
3.	Time Of Sampling	Hrs.	-----	09.30 to 09.30 AM	10.15 to 10.15 AM
4.	Dominant Wind Direction (From)	-----	-----	NW	NW
5.	Average Wind Speed	Km/Hrs.	-----	4 to 17	4 to 17
6.	Gaseous Sampling Flow Rate	LPM	-----	0.5	0.5
7.	Measured Concentration of PM10	µg/M ³	100.00	52	44
8.	Measured Concentration of PM2.5	µg/M ³	60.00	23	20
9.	Measured Concentration of SOx	µg/M ³	80.00	11.3	12.3
10.	Measured Concentration of NOx	µg/M ³	80.00	16.8	17.2
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	-----	24	24

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Ref. No. : RJT/AMB/FEBRUARY/2023-24/245

Date : 13/02/2024

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 3	Location # 4
1.	Location of Sampling	-----	-----	At Village Sikka	Terrace of SDCCL PrimerySchool
2.	Date Of Sampling	-----	-----	06/02/24 to 07/02/24	06/02/24 to 07/02/24
3.	Time Of Sampling	Hrs.	-----	10.00 to 10.00 AM	11.45 to 10.45 AM
4.	Dominant Wind Direction (From)	-----	-----	NW	NW
5.	Average Wind Speed	Km/Hrs.	-----	3 to 18	3 to 18
6.	Gaseous Sampling Flow Rate	LPM	-----	01	01
7.	Measured Concentration of PM10	µg/M ³	100.00	64	58
8.	Measured Concentration of PM2.5	µg/M ³	60.00	31	25
9.	Measured Concentration of SOx	µg/M ³	80.00	13.8	12.5
10.	Measured Concentration of NOx	µg/M ³	80.00	18.3	16.4
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	-----	24	24



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Analyst

Ref. No. : RJT/AMB/FEBRUARY/2023-24/246

Date : 13/02/2024

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 5
1.	Location of Sampling	----	----	Terrace of CustomOffice (Jetty)
2.	Date Of Sampling	----	----	05/02/24 to 06/02/24
3.	Time Of Sampling	Hrs.	----	16.30 to 16.30 PM
4.	Dominant Wind Direction (From)	----	----	NW
5.	Average Wind Speed	Km/Hrs.	----	4 to 17
6.	Gaseous Sampling Flow Rate	LPM	----	01
7.	Measured Concentration of PM10	µg/M³	100.00	52
8.	Measured Concentration of PM2.5	µg/M³	60.00	23
9.	Measured Concentration of SOx	µg/M³	80.00	11.2
10.	Measured Concentration of NOx	µg/M³	80.00	16.5
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	----	24



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Analyst

Ref No.: RJT/WP/FEBRUARY/2023-24/250

Date: 13/02/2024

TEST REPORT OF WORK PLACE MONITORING

Issue No:01
Page 1 of 1

Name of Company: Shree Digvijay Cement Co. Limited.
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Date of Sampling: 6th February, 2024.

Gujarat Factories Rules, 1963

FORM No. 37

(Prescribed under Rules 12-B)

(PROFORMA)

Register containing particulars of Monitoring of working environment required under Section 7-A (a) (e)

Sr. No.	Location/Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Air Borne Contamination		Average mg/m ³
				Number of sample	Range mg/m ³	
1.	Near Packing Area	Total Dust (SPM)	Dust Sampler	1	1.166	1.166

Sr. No.	TWA Concentration (as given in Second Schedule)	Reference Method	Numbers of Workers exposed at the Location being monitored	Remarks	Signature of Person taking samples	Name (in Block letters)
1.	Total Dust (SPM) Max. Limit 10 mg/m ³	IS-5182 (Part-4) :1999	5 - 15	-----		MAULIK VYAS




CCS Enviro Control LLP

Ref. No. : RJT/ST/MARCH/2023-24/293

Date : 21/03/2024

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 1	Stack # 2	Stack # 3
1.	Date Of Sampling	----	----	13/03/2024	13/03/2024	14/03/2024
2.	Time Of Sampling	Hrs.	----	14.00 to 14.30	15.15 to 15.45	09.45 to 10.15
3.	Stack Attached to	----	----	Raw Mill & Kiln Exit	Cement Mill (KCP)	Cooler Exit
4.	Air Pollution Control Measures	----	----	Bag House	Bag House	ESP
5.	Stack Height	Meter	----	71	50	22
6.	Stack Diameter	Meter	----	4.5	2.8	2.4
7.	Ambient Temperature	°C	----	32	32	31
8.	Stack Temperature	°C	----	126	69	159
9.	Avg. Velocity of Flue Gases	M/Sec	----	12.80	11.85	14.31
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	----	18	20	19
11.	Gaseous Sampling Flow Rate	LPM	----	02	02	02
12.	Measured Concentration of P.M.	mg/Nm ³	30	19	17	24
13.	Measured Concentration of SO ₂	PPM	100	14	BDL	BDL
14.	Measured Concentration for NO _x	PPM	1000	370	BDL	BDL



CCS Enviro Control LLP




Analyst

Ref. No. : RJT/ST/MARCH/2023-24/294

Date : 21/03/2024

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 4
1.	Date Of Sampling	-----	-----	13/03/2024
2.	Time Of Sampling	Hrs.	-----	10.45 to 11.15
3.	Stack Attached to	-----	-----	Coal Mill
4.	Air Pollution Control Measures	-----	-----	Bag Filter
5.	Stack Height	Meter	-----	31
6.	Stack Diameter	Meter	-----	1.4
7.	Ambient Temperature	°C	-----	31
8.	Stack Temperature	°C	-----	89
9.	Avg. Velocity of Flue Gases	M/Sec	-----	13.94
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	-----	22
11.	Measured Concentration of P.M.	mg/Nm³	50	28



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Analyst

Ref. No. : RJT/ST/MARCH/2023-24/304

Date : 21/03/2024

Report of Stack Emission Analysis

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Stack # 8
1.	Date Of Sampling	-----	-----	14/03/2024
2.	Time Of Sampling	Hrs.	-----	15.30 to 16.00
3.	Stack Attached to	-----	-----	D. G. Set (750 KVA)
4.	Stack Height	Meter	-----	05
5.	Stack Diameter	Feet	-----	0.6
6.	Type of Fuel Used	-----	-----	Diesel
7.	Ambient Temperature	°C	-----	33
8.	Stack Temperature	°C	-----	161
9.	Avg. Velocity of Flue Gases	M/Sec	-----	15.71
10.	Isokinetic Flow Rate for P.M. Sampling	LPM	-----	21
11.	Gaseous Sampling Flow Rate	LPM	-----	02
12.	Measured Concentration of P.M.	mg/Nm³	150	84
13.	Measured Concentration of SO₂	PPM	100	28
14.	Measured Concentration for NO_x	PPM	50	3.2



CCS Enviro Control LLP




Analyst

Ref. No. : RJT/AMB/MARCH/2023-24/295

Date : 21/03/2024

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**

Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 1	Location # 2
1.	Location of Sampling	-----	-----	On the Terrace of Guest House	Near Loco Shed
2.	Date Of Sampling	-----	-----	13/03/24 to 14/03/24	13/03/24 to 14/03/24
3.	Time Of Sampling	Hrs.	-----	09.45 to 09.45 AM	10.30 to 10.30 AM
4.	Dominant Wind Direction (From)	-----	-----	NW	NW
5.	Average Wind Speed	Km/Hrs.	-----	3 to 18	3 to 18
6.	Gaseous Sampling Flow Rate	LPM	-----	0.5	0.5
7.	Measured Concentration of PM10	µg/M³	100.00	56	49
8.	Measured Concentration of PM2.5	µg/M³	60.00	21	53
9.	Measured Concentration of SOx	µg/M³	80.00	10.8	13.3
10.	Measured Concentration of NOx	µg/M³	80.00	15.9	18.4
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	-----	24	24



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Analyst

Ref. No. : RJT/AMB/MARCH/2023-24/296

Date : 21/03/2024

Report of Ambient Air Quality Monitoring

Name of Company : **Shree Digvijay Cement Co. Limited,**

Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Sr.No.	Parameter	Unit	Permissible Limit	Location # 3	Location # 4
1.	Location of Sampling	-----	-----	At Village Sikka	Terrace of SDCCL PrimerySchool
2.	Date Of Sampling	-----	-----	14/03/24 to 15/03/24	14/03/24 to 15/03/24
3.	Time Of Sampling	Hrs.	-----	10.15 to 10.15 AM	11.30 to 10.30 AM
4.	Dominant Wind Direction (From)	-----	-----	NW	NW
5.	Average Wind Speed	Km/Hrs.	-----	3 to 17	3 to 17
6.	Gaseous Sampling Flow Rate	LPM	-----	01	01
7.	Measured Concentration of PM10	µg/M³	100.00	66	48
8.	Measured Concentration of PM2.5	µg/M³	60.00	34	22
9.	Measured Concentration of SOx	µg/M³	80.00	14.2	11.9
10.	Measured Concentration of NOx	µg/M³	80.00	19.6	15.4
11.	Duration of Sampling for PM10 & PM2.5	Hrs.	-----	24	24



CCS Enviro Control LLP




Analyst

Ref No.: RJT/WP/MARCH/2023-24/302

Date: 21/03/2024

TEST REPORT OF WORK PLACE MONITORING

Issue No:01
Page 1 of 1

Name of Company: Shree Digvijay Cement Co. Limited.
Digvijaygram, At Sikka, Taluka & District: Jamnagar.

Date of Sampling: 13th March, 2024.

Gujarat Factories Rules, 1963

FORM No. 37

(Prescribed under Rules 12-B)

(PROFORMA)

Register containing particulars of Monitoring of working environment required under Section 7-A (a) (e)

Sr. No.	Location/Operation Mentioned	Identified Contaminant	Sampling Instrument Used	Air Borne Contamination		Average mg/m ³
				Number of sample	Range mg/m ³	
1.	Near Cement Mill Area	Total Dust (SPM)	Dust Sampler	1	1.233	1.233

Sr. No.	TWA Concentration (as given in Second Schedule)	Reference Method	Numbers of Workers exposed at the Location being monitored	Remarks	Signature of Person taking samples	Name (in Block letters)
1.	Total Dust (SPM) Max. Limit 10 mg/m ³	IS-5182 (Part-4) :1999	6 - 12	-----		MAULIK VYAS




CCS Enviro Control LLP

Ref No.: RJT/W/MAY/2023-2024/353

Date: 18/05/2023

TEST REPORT OF PHYSICO – CHEMICAL ANALYSIS

Issue No:02
Page 1 of 2

Name of Company: Shree Digvijay Cement Co. Limited,
Digvijaygram, At Sikka,
Taluka & District: Jamnagar.

Description of Sample	:	Bore well Water from Opp. Pump House	Quantity/No. Of Samples	:	02 lits.
Date of Sampling	:	12/05/2023	Sampling Procedure	:	Grab
Sampling By	:	Maulik Vyas	Purpose	:	--
Sample Receipt Date	:	13/05/2023	Lab ID	:	W-353
Packing/Seal	:	Sealed	Test Parameters & Method	:	APHA 23 rd Edition
Analysis Started on	:	14/05/2023	Analysis Concluded on	:	18/05/2023

Sr. No.	Parameters	Unit	Permissible Limits as per IS-10500	Test Results	Test Method
1.	Colour	Pt. Co. Scale	15	Colourless	APHA-23 rd Edition 2120 B
2.	Odour	-----	Agreeable	Agreeable	APHA-23 rd Edition 2150 B
3.	Taste	-----	Agreeable	Agreeable	APHA-23 rd Edition 2160 B
4.	pH Value	pH Unit	6.5 to 8.5	7.06	APHA-23 rd Edition 4500 H ⁺ B
5.	Total Dissolved Solids (TDS)	mg/L	2000	1220	APHA-23 rd Edition 2540 C
6.	Total Suspended Solids (TSS)	mg/L	---	19	APHA-23 rd Edition 2540 D
7.	Total Solids (TS)	mg/L	---	1239	APHA-23 rd Edition 2540 B
8.	Chloride	mg/L	1000	213	APHA-23 rd Edition 4500 Cl ⁻ B
9.	Sulphate	mg/L	400	262	APHA-23 rd Edition 4500 SO ₄ ⁻² E
10.	Total Hardness (as CaCO ₃)	mg/L	600	420	APHA-23 rd Edition 2340 C
11.	Calcium as Ca	mg/L	200	104	APHA-23 rd Edition 3500 Ca B
12.	Magnesium as Mg	mg/L	100	39	APHA-23 rd Edition 3500 -Mg B
13.	Total Alkalinity (as CaCO ₃)	mg/L	600	330	APHA-23 rd Edition 2320 B
14.	Turbidity	NTU	5.0	< 01	APHA-23 rd Edition 2130 B
15.	Fluorides	mg/L	1.5	0.09	APHA-23 rd Edition 4500 B
16.	Residual Free Chlorine	mg/L	1.0	BDL	Comparison Method
17.	Nitrates	mg/L	45	19	IS : 3025(P-34) : 1988

Ref No.: RJT/W/MAY/2023-2024/353

Date: 18/05/2023

TEST REPORT OF PHYSICO – CHEMICAL ANALYSIS

Issue No:02
Page 2 of 2

Name of Company: Shree Digvijay Cement Co. Limited,
Digvijaygram, At Sikka,
Taluka & District: Jamnagar.

Sr. No.	Parameters	Unit	Permissible Limits as per IS-10500	Test Results	Test Method
18.	Copper as Cu	mg/L	1.5	BDL	AAS APHA – 23 rd Edition 3111 B
19.	Mercury as Hg	mg/L	0.001	BDL	AAS APHA – 23 rd Edition 3112 B
20.	Cadmium as Cd	mg/L	0.003	BDL	AAS APHA – 23 rd Edition 3111 B
21.	Selenium as Se	mg/L	0.01	BDL	AAS APHA – 23 rd Edition 3114 B
22.	Arsenic as As	mg/L	0.05	BDL	AAS APHA – 23 rd Edition 3112 B
23.	Cyanide as CN	mg/L	0.05	BDL	APHA - 23 rd Edition 4500 CNE
24.	Aluminum as Al	mg/L	0.2	BDL	AAS APHA – 23 rd Edition 3111 B
25.	Lead as Pb	mg/L	0.01	BDL	AAS APHA – 23 rd Edition 3111 B
26.	Zinc as Zn	mg/L	15	BDL	AAS APHA – 23 rd Edition 3111 B
27.	Hexavalent Chromium as Cr ⁺⁶	mg/L	---	BDL	APHA – 23 rd Edition 3500 CrB
28.	Boron as B	mg/L	1.0	BDL	APHA – 23 rd Edition 4500 B
29.	E-Coli	MPN/100ml	Absent	Absent	IS: 1622 :1981 Edi 2.4 (2003-05)
30.	Total Coli form	MPN/100ml	Absent	Absent	APHA – 23 rd Edition 9221 B & C



CCS Enviro Control LLP

Analyst

Ref No.: RJT/W/MAY/2023-2024/354

Date: 18/05/2023

TEST REPORT OF PHYSICO – CHEMICAL ANALYSIS

Issue No:02
Page 1 of 2

Name of Company: Shree Digvijay Cement Co. Limited,
Digvijaygram, At Sikka,
Taluka & District: Jamnagar.

Description of Sample	:	Bore well Water from Near Primary Crusher	Quantity/No. Of Samples	:	02 lits.
Date of Sampling	:	12/05/2023	Sampling Procedure	:	Grab
Sampling By	:	Maulik Vyas	Purpose	:	--
Sample Receipt Date	:	13/05/2023	Lab ID	:	W-354
Packing/Seal	:	Sealed	Test Parameters & Method	:	APHA-23 rd Edition
Analysis Started on	:	14/05/2023	Analysis Concluded on	:	18/05/2023

Sr. No.	Parameters	Unit	Permissible Limits as per IS-10500	Test Results	Test Method
1.	Colour	Pt. Co. Scale	15	Colourless	APHA-23 rd Edition 2120 B
2.	Odour	-----	Agreeable	Agreeable	APHA-23 rd Edition 2150 B
3.	Taste	-----	Agreeable	Agreeable	APHA-23 rd Edition 2160 B
4.	pH Value	pH Unit	6.5 to 8.5	7.26	APHA-23 rd Edition 4500 H ⁺ B
5.	Total Dissolved Solids (TDS)	mg/L	2000	937	APHA-23 rd Edition 2540 C
6.	Total Suspended Solids (TSS)	mg/L	---	23	APHA-23 rd Edition 2540 D
7.	Total Solids (TS)	mg/L	---	960	APHA-23 rd Edition 2540 B
8.	Chloride	mg/L	1000	156	APHA-23 rd Edition 4500 Cl ⁻ B
9.	Sulphate	mg/L	400	174	APHA-23 rd Edition 4500 SO ₄ ⁻² E
10.	Total Hardness (as CaCO ₃)	mg/L	600	390	APHA-23 rd Edition 2340 C
11.	Calcium as Ca	mg/L	200	100	APHA-23 rd Edition 3500 Ca B
12.	Magnesium as Mg	mg/L	100	34	APHA-23 rd Edition 3500 -Mg B
13.	Total Alkalinity (as CaCO ₃)	mg/L	600	440	APHA-23 rd Edition 2320 B
14.	Turbidity	NTU	5.0	< 01	APHA-23 rd Edition 2130 B
15.	Fluorides	mg/L	1.5	0.13	APHA-23 rd Edition 4500 B
16.	Residual Free Chlorine	mg/L	1.0	BDL	Comparison Method
17.	Nitrates	mg/L	45	16	IS : 3025(P-34) : 1988

Ref No.: RJT/W/MAY/2023-2024/354

Date: 18/05/2023

TEST REPORT OF PHYSICO – CHEMICAL ANALYSIS

Issue No:02
Page 2 of 2

Name of Company: Shree Digvijay Cement Co. Limited,
Digvijaygram, At Sikka,
Taluka & District: Jamnagar.

Sr. No.	Parameters	Unit	Permissible Limits as per IS-10500	Test Results	Test Method
18.	Copper as Cu	mg/L	1.5	BDL	AAS APHA – 23 rd Edition 3111 B
19.	Mercury as Hg	mg/L	0.001	BDL	AAS APHA – 23 rd Edition 3112 B
20.	Cadmium as Cd	mg/L	0.003	BDL	AAS APHA – 23 rd Edition 3111 B
21.	Selenium as Se	mg/L	0.01	BDL	AAS APHA – 23 rd Edition 3114 B
22.	Arsenic as As	mg/L	0.05	BDL	AAS APHA – 23 rd Edition 3112 B
23.	Cyanide as CN	mg/L	0.05	BDL	APHA - 23 rd Edition 4500 CNE
24.	Aluminum as Al	mg/L	0.2	BDL	AAS APHA – 23 rd Edition 3111 B
25.	Lead as Pb	mg/L	0.01	BDL	AAS APHA – 23 rd Edition 3111 B
26.	Zinc as Zn	mg/L	15	BDL	AAS APHA – 23 rd Edition 3111 B
27.	Hexavalent Chromium as Cr ⁺⁶	mg/L	---	BDL	APHA – 23 rd Edition 3500 CrB
28.	Boron as B	mg/L	1.0	BDL	APHA – 23 rd Edition 4500 B
29.	E-Coli	MPN/100ml	Absent	Absent	IS: 1622 :1981 Edi 2.4 (2003-05)
30.	Total Coli form	MPN/100ml	Absent	Absent	APHA – 23 rd Edition 9221 B & C



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Analyst

Ref No.: RJT/W/MAY/2023-2024/355

Date: 18/05/2023

TEST REPORT OF PHYSICO – CHEMICAL ANALYSIS

Issue No:02
Page 1 of 2

Name of Company: Shree Digvijay Cement Co. Limited,
Digvijaygram, At Sikka,
Taluka & District: Jamnagar.

Description of Sample	:	Bore well Water from Near Raw Material Gate	Quantity/No. Of Samples	:	02 lits
Date of Sampling	:	12/05/2023	Sampling Procedure	:	Grab
Sampling By	:	Maulik Vyas	Purpose	:	--
Sample Receipt Date	:	13/05/2023	Lab ID	:	W-355
Packing/Seal	:	Sealed	Test Parameters & Method	:	APHA-23 rd Edition
Analysis Started on	:	14/05/2023	Analysis Concluded on	:	18/05/2023

Sr. No.	Parameters	Unit	Permissible Limits as per IS-10500	Test Results	Test Method
1.	Colour	Pt. Co. Scale	15	Colourless	APHA-23 rd Edition 2120 B
2.	Odour	-----	Agreeable	Agreeable	APHA-23 rd Edition 2150 B
3.	Taste	-----	Agreeable	Agreeable	APHA-23 rd Edition 2160 B
4.	pH Value	pH Unit	6.5 to 8.5	7.82	APHA-23 rd Edition 4500 H ⁺ B
5.	Total Dissolved Solids (TDS)	mg/L	2000	1540	APHA-23 rd Edition 2540 C
6.	Total Suspended Solids (TSS)	mg/L	---	26	APHA-23 rd Edition 2540 D
7.	Total Solids (TS)	mg/L	---	1566	APHA-23 rd Edition 2540 B
8.	Chloride	mg/L	1000	314	APHA-23 rd Edition 4500 Cl ⁻ B
9.	Sulphate	mg/L	400	198	APHA-23 rd Edition 4500 SO ₄ ⁻² E
10.	Total Hardness (as CaCO ₃)	mg/L	600	500	APHA-23 rd Edition 2340 C
11.	Calcium as Ca	mg/L	200	124	APHA-23 rd Edition 3500 Ca B
12.	Magnesium as Mg	mg/L	100	43	APHA-23 rd Edition 3500 -Mg B
13.	Total Alkalinity (as CaCO ₃)	mg/L	600	490	APHA-23 rd Edition 2320 B
14.	Turbidity	NTU	5.0	< 01	APHA-23 rd Edition 2130 B
15.	Fluorides	mg/L	1.5	0.16	APHA-23 rd Edition 4500 B
16.	Residual Free Chlorine	mg/L	1.0	BDL	Comparison Method
17.	Nitrates	mg/L	45	27	IS : 3025(P-34) : 1988

Ref No.: RJT/W/MAY/2023-2024/355

Date: 18/05/2023

TEST REPORT OF PHYSICO – CHEMICAL ANALYSIS

Issue No:02
Page 2 of 2

Name of Company: Shree Digvijay Cement Co. Limited,
Digvijaygram, At Sikka,
Taluka & District: Jamnagar.

Sr. No.	Parameters	Unit	Permissible Limits as per IS-10500	Test Results	Test Method
18.	Copper as Cu	mg/L	1.5	BDL	AAS APHA – 23 rd Edition 3111 B
19.	Mercury as Hg	mg/L	0.001	BDL	AAS APHA – 23 rd Edition 3112 B
20.	Cadmium as Cd	mg/L	0.003	BDL	AAS APHA – 23 rd Edition 3111 B
21.	Selenium as Se	mg/L	0.01	BDL	AAS APHA – 23 rd Edition 3114 B
22.	Arsenic as As	mg/L	0.05	BDL	AAS APHA – 23 rd Edition 3112 B
23.	Cyanide as CN	mg/L	0.05	BDL	APHA - 23 rd Edition 4500 CNE
24.	Aluminum as Al	mg/L	0.2	BDL	AAS APHA – 23 rd Edition 3111 B
25.	Lead as Pb	mg/L	0.01	BDL	AAS APHA – 23 rd Edition 3111 B
26.	Zinc as Zn	mg/L	15	BDL	AAS APHA – 23 rd Edition 3111 B
27.	Hexavalent Chromium as Cr ⁺⁶	mg/L	---	BDL	APHA – 23 rd Edition 3500 CrB
28.	Boron as B	mg/L	1.0	BDL	APHA – 23 rd Edition 4500 B
29.	E-Coli	MPN/100ml	Absent	Absent	IS: 1622 :1981 Edi 2.4 (2003-05)
30.	Total Coli form	MPN/100ml	Absent	Absent	APHA – 23 rd Edition 9221 B & C



CCS Enviro Control LLP

Analyst

Ref No.: RJT/DRI/NOVEMBER/2023-2024/66

Date: 11/11/2023

TEST REPORT OF PHYSICO – CHEMICAL ANALYSIS

Issue No:02
Page 1 of 2

Name of Company: Shree Digvijay Cement Co. Limited,
Digvijaygram, At Sikka,
Taluka & District: Jamnagar.

Description of Sample	:	Bore well Water from Opp. Pump House	Quantity/No. Of Samples	:	02 lits.
Date of Sampling	:	07/11/2023	Sampling Procedure	:	Grab
Sampling By	:	--	Purpose	:	--
Sample Receipt Date	:	08/11/2023	Lab ID	:	W-66
Packing/Seal	:	Sealed	Test Parameters & Method	:	APHA-23 rd Edition
Analysis Started on	:	08/11/2023	Analysis Concluded on	:	11/11/2023

Sr. No.	Parameters	Unit	Permissible Limits as per IS-10500	Test Results	Test Method
1.	Colour	Pt. Co. Scale	15	Colourless	APHA-23 rd Edition 2120 B
2.	Odour	-----	Agreeable	Agreeable	APHA-23 rd Edition 2150 B
3.	Taste	-----	Agreeable	Agreeable	APHA-23 rd Edition 2160 B
4.	pH Value	pH Unit	6.5 to 8.5	7.00	APHA-23 rd Edition 4500 H ⁺ B
5.	Total Dissolved Solids (TDS)	mg/L	2000	1659	APHA-23 rd Edition 2540 C
6.	Total Suspended Solids (TSS)	mg/L	---	24	APHA-23 rd Edition 2540 D
7.	Total Solids (TS)	mg/L	---	1683	APHA-23 rd Edition 2540 B
8.	Chloride	mg/L	1000	756	APHA-23 rd Edition 4500 Cl ⁻ B
9.	Sulphate	mg/L	400	327	APHA-23 rd Edition 4500 SO ₄ ⁻² E
10.	Total Hardness (as CaCO ₃)	mg/L	600	570	APHA-23 rd Edition 2340 C
11.	Calcium as Ca	mg/L	200	148	APHA-23 rd Edition 3500 Ca B
12.	Magnesium as Mg	mg/L	100	49	APHA-23 rd Edition 3500 -Mg B
13.	Total Alkalinity (as CaCO ₃)	mg/L	600	340	APHA-23 rd Edition 2320 B
14.	Turbidity	NTU	5.0	< 01	APHA-23 rd Edition 2130 B
15.	Fluorides	mg/L	1.5	0.17	APHA-23 rd Edition 4500 B
16.	Residual Free Chlorine	mg/L	1.0	BDL	Comparison Method
17.	Nitrates	mg/L	45	26	IS : 3025(P-34) : 1988

Ref No.: RJT/DRI/NOVEMBER/2023-2024/66

Date: 11/11/2023

TEST REPORT OF PHYSICO – CHEMICAL ANALYSIS

Issue No:02
Page 2 of 2

Name of Company: Shree Digvijay Cement Co. Limited,
Digvijaygram, At Sikka,
Taluka & District: Jamnagar.

Sr. No.	Parameters	Unit	Permissible Limits as per IS-10500	Test Results	Test Method
18.	Copper as Cu	mg/L	1.5	BDL	AAS APHA – 23 rd Edition 3111 B
19.	Mercury as Hg	mg/L	0.001	BDL	AAS APHA – 23 rd Edition 3112 B
20.	Cadmium as Cd	mg/L	0.003	BDL	AAS APHA – 23 rd Edition 3111 B
21.	Selenium as Se	mg/L	0.01	BDL	AAS APHA – 23 rd Edition 3114 B
22.	Arsenic as As	mg/L	0.05	BDL	AAS APHA – 23 rd Edition 3112 B
23.	Cyanide as CN	mg/L	0.05	BDL	APHA - 23 rd Edition 4500 CNE
24.	Aluminum as Al	mg/L	0.2	BDL	AAS APHA – 23 rd Edition 3111 B
25.	Lead as Pb	mg/L	0.01	BDL	AAS APHA – 23 rd Edition 3111 B
26.	Zinc as Zn	mg/L	15	BDL	AAS APHA – 23 rd Edition 3111 B
27.	Hexavalent Chromium as Cr ⁺⁶	mg/L	---	BDL	APHA – 23 rd Edition 3500 CrB
28.	Boron as B	mg/L	1.0	BDL	APHA – 23 rd Edition 4500 B
29.	E-Coli	MPN/100ml	Absent	Absent	IS: 1622 :1981 Edi 2.4 (2003-05)
30.	Total Coli form	MPN/100ml	Absent	Absent	APHA – 23 rd Edition 9221 B & C



CCS Enviro Control LLP

Analyst

Ref No.: RJT/DRI/NOVEMBER/2023-2024/67

Date: 11/11/2023

TEST REPORT OF PHYSICO – CHEMICAL ANALYSIS

Issue No:02
Page 1 of 2

Name of Company: Shree Digvijay Cement Co. Limited,
Digvijaygram, At Sikka,
Taluka & District: Jamnagar.

Description of Sample	:	Bore well Water from Near Primary Crusher	Quantity/No. Of Samples	:	02 lits.
Date of Sampling	:	07/11/2023	Sampling Procedure	:	Grab
Sampling By	:	--	Purpose	:	--
Sample Receipt Date	:	08/11/2023	Lab ID	:	W-67
Packing/Seal	:	Sealed	Test Parameters & Method	:	APHA-23 rd Edition
Analysis Started on	:	08/11/2023	Analysis Concluded on	:	11/11/2023

Sr. No.	Parameters	Unit	Permissible Limits as per IS-10500	Test Results	Test Method
1.	Colour	Pt. Co. Scale	15	Colourless	APHA-23 rd Edition 2120 B
2.	Odour	-----	Agreeable	Agreeable	APHA-23 rd Edition 2150 B
3.	Taste	-----	Agreeable	Agreeable	APHA-23 rd Edition 2160 B
4.	pH Value	pH Unit	6.5 to 8.5	7.13	APHA-23 rd Edition 4500 H ⁺ B
5.	Total Dissolved Solids (TDS)	mg/L	2000	1191	APHA-23 rd Edition 2540 C
6.	Total Suspended Solids (TSS)	mg/L	---	17	APHA-23 rd Edition 2540 D
7.	Total Solids (TS)	mg/L	---	1208	APHA-23 rd Edition 2540 B
8.	Chloride	mg/L	1000	324	APHA-23 rd Edition 4500 Cl ⁻ B
9.	Sulphate	mg/L	400	193	APHA-23 rd Edition 4500 SO ₄ ⁻² E
10.	Total Hardness (as CaCO ₃)	mg/L	600	440	APHA-23 rd Edition 2340 C
11.	Calcium as Ca	mg/L	200	116	APHA-23 rd Edition 3500 Ca B
12.	Magnesium as Mg	mg/L	100	37	APHA-23 rd Edition 3500 -Mg B
13.	Total Alkalinity (as CaCO ₃)	mg/L	600	250	APHA-23 rd Edition 2320 B
14.	Turbidity	NTU	5.0	< 01	APHA-23 rd Edition 2130 B
15.	Fluorides	mg/L	1.5	0.08	APHA-23 rd Edition 4500 B
16.	Residual Free Chlorine	mg/L	1.0	BDL	Comparison Method
17.	Nitrates	mg/L	45	14	IS : 3025(P-34) : 1988

Ref No.: RJT/DRI/NOVEMBER/2023-2024/67

Date: 11/11/2023

TEST REPORT OF PHYSICO – CHEMICAL ANALYSIS

Issue No:02
Page 2 of 2

Name of Company: Shree Digvijay Cement Co. Limited,
Digvijaygram, At Sikka,
Taluka & District: Jamnagar.

Sr. No.	Parameters	Unit	Permissible Limits as per IS-10500	Test Results	Test Method
18.	Copper as Cu	mg/L	1.5	BDL	AAS APHA – 23 rd Edition 3111 B
19.	Mercury as Hg	mg/L	0.001	BDL	AAS APHA – 23 rd Edition 3112 B
20.	Cadmium as Cd	mg/L	0.003	BDL	AAS APHA – 23 rd Edition 3111 B
21.	Selenium as Se	mg/L	0.01	BDL	AAS APHA – 23 rd Edition 3114 B
22.	Arsenic as As	mg/L	0.05	BDL	AAS APHA – 23 rd Edition 3112 B
23.	Cyanide as CN	mg/L	0.05	BDL	APHA - 23 rd Edition 4500 CNE
24.	Aluminum as Al	mg/L	0.2	BDL	AAS APHA – 23 rd Edition 3111 B
25.	Lead as Pb	mg/L	0.01	BDL	AAS APHA – 23 rd Edition 3111 B
26.	Zinc as Zn	mg/L	15	BDL	AAS APHA – 23 rd Edition 3111 B
27.	Hexavalent Chromium as Cr ⁺⁶	mg/L	---	BDL	APHA – 23 rd Edition 3500 CrB
28.	Boron as B	mg/L	1.0	BDL	APHA – 23 rd Edition 4500 B
29.	E-Coli	MPN/100ml	Absent	Absent	IS: 1622 :1981 Edi 2.4 (2003-05)
30.	Total Coli form	MPN/100ml	Absent	Absent	APHA – 23 rd Edition 9221 B & C



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[Signature]

Analyst

Ref No.: RJT/DRI/NOVEMBER/2023-2024/68

Date: 11/11/2023

TEST REPORT OF PHYSICO – CHEMICAL ANALYSIS

Issue No:02
Page 1 of 2

Name of Company: Shree Digvijay Cement Co. Limited,
Digvijaygram, At Sikka,
Taluka & District: Jamnagar.

Description of Sample	:	Bore well Water from Near Raw Material Gate	Quantity/No. Of Samples	:	02 lits
Date of Sampling	:	07/11/2023	Sampling Procedure	:	Grab
Sampling By	:	--	Purpose	:	--
Sample Receipt Date	:	08/11/2023	Lab ID	:	W-68
Packing/Seal	:	Sealed	Test Parameters & Method	:	APHA-23 rd Edition
Analysis Started on	:	08/11/2023	Analysis Concluded on	:	11/11/2023

Sr. No.	Parameters	Unit	Permissible Limits as per IS-10500	Test Results	Test Method
1.	Colour	Pt. Co. Scale	15	Colourless	APHA-23 rd Edition 2120 B
2.	Odour	-----	Agreeable	Agreeable	APHA-23 rd Edition 2150 B
3.	Taste	-----	Agreeable	Agreeable	APHA-23 rd Edition 2160 B
4.	pH Value	pH Unit	6.5 to 8.5	7.33	APHA-23 rd Edition 4500 H ⁺ B
5.	Total Dissolved Solids (TDS)	mg/L	2000	1437	APHA-23 rd Edition 2540 C
6.	Total Suspended Solids (TSS)	mg/L	---	22	APHA-23 rd Edition 2540 D
7.	Total Solids (TS)	mg/L	---	1459	APHA-23 rd Edition 2540 B
8.	Chloride	mg/L	1000	619	APHA-23 rd Edition 4500 Cl ⁻ B
9.	Sulphate	mg/L	400	215	APHA-23 rd Edition 4500 SO ₄ ⁻² E
10.	Total Hardness (as CaCO ₃)	mg/L	600	530	APHA-23 rd Edition 2340 C
11.	Calcium as Ca	mg/L	200	140	APHA-23 rd Edition 3500 Ca B
12.	Magnesium as Mg	mg/L	100	46	APHA-23 rd Edition 3500 -Mg B
13.	Total Alkalinity (as CaCO ₃)	mg/L	600	310	APHA-23 rd Edition 2320 B
14.	Turbidity	NTU	5.0	< 01	APHA-23 rd Edition 2130 B
15.	Fluorides	mg/L	1.5	0.11	APHA-23 rd Edition 4500 B
16.	Residual Free Chlorine	mg/L	1.0	BDL	Comparison Method
17.	Nitrates	mg/L	45	17	IS : 3025(P-34) : 1988

Ref No.: RJT/DRI/NOVEMBER/2023-2024/68

Date: 11/11/2023

TEST REPORT OF PHYSICO – CHEMICAL ANALYSIS

Issue No:02
Page 2 of 2

Name of Company: Shree Digvijay Cement Co. Limited,
Digvijaygram, At Sikka,
Taluka & District: Jamnagar.

Sr. No.	Parameters	Unit	Permissible Limits as per IS-10500	Test Results	Test Method
18.	Copper as Cu	mg/L	1.5	BDL	AAS APHA – 23 rd Edition 3111 B
19.	Mercury as Hg	mg/L	0.001	BDL	AAS APHA – 23 rd Edition 3112 B
20.	Cadmium as Cd	mg/L	0.003	BDL	AAS APHA – 23 rd Edition 3111 B
21.	Selenium as Se	mg/L	0.01	BDL	AAS APHA – 23 rd Edition 3114 B
22.	Arsenic as As	mg/L	0.05	BDL	AAS APHA – 23 rd Edition 3112 B
23.	Cyanide as CN	mg/L	0.05	BDL	APHA - 23 rd Edition 4500 CNE
24.	Aluminum as Al	mg/L	0.2	BDL	AAS APHA – 23 rd Edition 3111 B
25.	Lead as Pb	mg/L	0.01	BDL	AAS APHA – 23 rd Edition 3111 B
26.	Zinc as Zn	mg/L	15	BDL	AAS APHA – 23 rd Edition 3111 B
27.	Hexavalent Chromium as Cr ⁺⁶	mg/L	---	BDL	APHA – 23 rd Edition 3500 CrB
28.	Boron as B	mg/L	1.0	BDL	APHA – 23 rd Edition 4500 B
29.	E-Coli	MPN/100ml	Absent	Absent	IS: 1622 :1981 Edi 2.4 (2003-05)
30.	Total Coli form	MPN/100ml	Absent	Absent	APHA – 23 rd Edition 9221 B & C



CCS Enviro Control LLP

Analyst

Ref. No. : RJT/NOI/OCTOBER/2023-24/223

Date : 17/10/2023

Report of Noise Level Measurement

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Date of Sampling : 11/10/2023

Sr. No.	Location of Sampling	Results in Day Time (6.00 am to 10.00 pm) in dB(A)	Results in Night Time (10.00 pm to 6.00 am) in dB(A)
	Permissible Limits	75.0	70.0
1.	At Guest House	56.2	55.1
2.	Near Loco Shed	66.0	63.2
3.	Near SDCCL Primary School	61.8	57.7
4.	Near Sikka Village	63.3	59.2
5.	Near Custom Office (Jetty)	60.5	58.5
6.	Near Emergency D.G. Set Area	70.8	67.4
7.	Near Waste Heat Recovery Area	61.4	57.2
8.	Near AFR Feeding Area	65.5	62.9
9.	Near Raw Mill Area	64.9	62.7
10.	Near STP Plant	59.4	55.3


CCS Enviro Control LLP


Analyst

Ref. No. : RJT/NOI/NOVEMBER/2023-24/59

Date : 18/11/2023

Report of Noise Level Measurement

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Date of Sampling : 04/11/2023

Sr. No.	Location of Sampling	Results in Day Time (6.00 am to 10.00 pm) in dB(A)	Results in Night Time (10.00 pm to 6.00 am) in dB(A)
	Permissible Limits	75.0	70.0
1.	At Guest House	59.1	56.4
2.	Near Loco Shed	65.6	62.8
3.	Near SDCCL Primary School	61.3	58.6
4.	Near Sikka Village	61.8	58.3
5.	Near Custom Office (Jetty)	59.2	56.7
6.	Near Emergency D.G. Set Area	71.4	68.7
7.	Near Waste Heat Recovery Area	62.1	59.0
8.	Near AFR Feeding Area	64.5	61.8
9.	Near Raw Mill Area	64.3	61.9
10.	Near STP Plant	61.2	56.5



CCS Enviro Control LLP




Analyst

Ref. No. : RJT/NOI/DECEMBER/2023-24/153

Date : 12/12/2023

Report of Noise Level Measurement

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Date of Sampling : 06/12/2023

Sr. No.	Location of Sampling	Results in Day Time (6.00 am to 10.00 pm) in dB(A)	Results in Night Time (10.00 pm to 6.00 am) in dB(A)
	Permissible Limits	75.0	70.0
1.	At Guest House	58.1	55.3
2.	Near Loco Shed	62.3	60.4
3.	Near SDCCL Primary School	63.5	57.1
4.	Near Sikka Village	64.8	60.2
5.	Near Custom Office (Jetty)	61.1	54.3
6.	Near Emergency D.G. Set Area	72.5	67.8
7.	Near Waste Heat Recovery Area	63.1	58.7
8.	Near AFR Feeding Area	62.1	60.8
9.	Near Raw Mill Area	65.1	62.4
10.	Near STP Plant	60.2	57.2



CCS Enviro Control LLP




Analyst

Ref. No. : RJT/NOI/JANUARY/2023-24/217

Date : 25/01/2024

Report of Noise Level Measurement

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Date of Sampling : 17/01/2024

Sr. No.	Location of Sampling	Results in Day Time (6.00 am to 10.00 pm) in dB(A)	Results in Night Time (10.00 pm to 6.00 am) in dB(A)
	Permissible Limits	75.0	70.0
1.	At Guest House	57.6	54.2
2.	Near Loco Shed	63.6	61.2
3.	Near SDCCL Primary School	64.1	58.2
4.	Near Sikka Village	63.9	61.0
5.	Near Custom Office (Jetty)	62.5	58.9
6.	Near Coal Mill Area	68.1	66.3
7.	Near Waste Heat Recovery Area	64.8	60.6
8.	Near Cooler Area	65.7	63.5
9.	Near Raw Mill Area	66.2	63.9
10.	Near STP Plant	59.7	56.8



CCS Enviro Control LLP




Analyst

Ref. No. : RJT/NOI/FEBRUARY/2023-24/251

Date : 13/02/2024

Report of Noise Level Measurement

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Date of Sampling : 06/02/2024

Sr. No.	Location of Sampling	Results in Day Time (6.00 am to 10.00 pm) in dB(A)	Results in Night Time (10.00 pm to 6.00 am) in dB(A)
	Permissible Limits	75.0	70.0
1.	At Guest House	59.8	55.5
2.	Near Loco Shed	64.2	60.1
3.	Near SDCCL Primary School	62.8	57.2
4.	Near Sikka Village	65.6	62.3
5.	Near Custom Office (Jetty)	63.9	60.8
6.	Near Coal Mill Area	67.4	65.1
7.	Near Waste Heat Recovery Area	66.7	59.4
8.	Near Cooler Area	64.2	62.9
9.	Near Raw Mill Area	63.7	61.7
10.	Near STP Plant	60.8	55.1



CCS Enviro Control LLP




Analyst

Ref. No. : RJT/NOI/MARCH/2023-24/303

Date : 21/03/2024

Report of Noise Level Measurement

Name of Company : **Shree Digvijay Cement Co. Limited,**
 Digvijaygram,
 At Sikka,
 Taluka & District: Jamnagar.

Date of Sampling : 13/03/2024

Sr. No.	Location of Sampling	Results in Day Time (6.00 am to 10.00 pm) in dB(A)	Results in Night Time (10.00 pm to 6.00 am) in dB(A)
	Permissible Limits	75.0	70.0
1.	At Guest House	58.9	54.3
2.	Near Loco Shed	63.7	61.6
3.	Near SDCCL Primary School	61.6	59.4
4.	Near Sikka Village	66.8	61.5
5.	Near Custom Office (Jetty)	62.4	59.4
6.	Near Coal Mill Area	65.2	63.1
7.	Near Waste Heat Recovery Area	67.8	60.3
8.	Near Cooler Area	63.7	61.2
9.	Near Raw Mill Area	64.4	60.8
10.	Near STP Plant	61.3	56.7



CCS Enviro Control LLP




Analyst

CORPORATE ENVIRONMENTAL POLICY

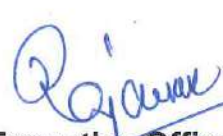
UNIT – SHREE DIGVIJAY CEMENT COMPANY LIMITED

As an integral part of our business philosophy and governance practices, Shree Digvijay Cement Co. Ltd. (Company) is committed to contribute towards ensuring a clean and sustainable environment by continually improving Company's environmental performance.

To achieve this goal, we proactively commit ourselves to:

- Conduct all Company's operations in an environmentally responsible manner, in compliance with the applicable environmental legislations and governance practices.
- Continuously assess our environmental impacts and measure and improve our environmental performance by adopting best practices for prevention and control of pollution.
- Minimize the impact on various components of the environment, particularly on Air, Water, Land and Natural Resources through conscious and concerted efforts.
- Invest in research and development of environmentally sustainable products and technologies which have low ecological footprint over their life cycle.
- Make continuous efforts to increase the use of non carbonaceous raw material, renewable energy and fuels and co-processing of wastes to reduce our greenhouse gases footprint.
- Implement and continually improve the Environmental Management System (EMS) across all our operations.

Date : 21.04.2018
Place : Digvijaygram


Chief Executive Officer
and Whole Time Director



Phone: +91 288 234 4272-75
Fax: +91 288 234 4092

SHREE DIGVIJAY CEMENT CO. LTD.

CIN L26940GJ1944PLC000749

Regd. Office Post Digvijaygram

361 140 Jamnagar | Gujarat | INDIA

E-mail: info.sdcl@vcimentos.com

Web: www.digvijaycement.com





SINCE 1944

24th April'2023

SDCCL /CP/Expansion/2022-23/5

Member Secretary,
Gujarat Pollution Control Board
Paryavaran Bhavan
Sector – 10 – A,
Gandhinagar - 382010

Sub.: Intimation regarding Grant of Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat.

Ref.: Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023 of MoEF & CC, New Delhi.

Dear Sir,

This is to inform that the Ministry of Environment, Forest & Climate Change, Impact Assessment Division, Government of India, New Delhi – 110003 has accorded Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat vide Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023.

A copy of Environment Clearance letter is attached herewith for your kind perusal and information please.

We request you to take note of the above information and record.

Thanking you,
Yours Faithfully,

For, Shree Digvijay Cement Company Limited

Authorised Signatory

24/04/23
Gujarat Pollution Control Board
Head Office
Sector No.-10-A,
Gandhinagar-382010

CC : **Unit Head (Jamnagar),** Gujarat Pollution Control Board, Paryavaran Bhavan, Sector – 10 – A, Gandhinagar - 382010



SINCE 1944

24th April'2023

SDCCL /CP/Expansion/2022-23/5

Member Secretary,
Gujarat Pollution Control Board
Paryavaran Bhavan
Sector – 10 – A,
Gandhinagar - 382010

Sub.: Intimation regarding Grant of Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat.

Ref.: Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023 of MoEF & CC, New Delhi.

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A copy of Environment Clearance letter is attached herewith for your kind perusal and information please.

We request you to take note of the above information and record.

Thanking you,
Yours Faithfully,

For, Shree Digvijay Cement Company Limited

Authorised Signatory

27/04/23
Gujarat Pollution Control Board
Head Office
Sector No.-10-A,
Gandhinagar-382010

✓ CC : Unit Head (Jamnagar), Gujarat Pollution Control Board, Paryavaran Bhavan, Sector – 10 – A, Gandhinagar - 382010



SDCCL /CP/Expansion/2022-23/9

24th April'2023

Regional Assistant Labour Commissioner (C)

Shram Bhavan,
4th Floor, Nr.Gun House,
Khanpur,
Ahmedabad – 380001, Gujarat

Sub.: Intimation regarding Grant of Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat.

Ref.: Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023 of MoEF & CC, New Delhi.

Dear Sir,

This is to inform that the Ministry of Environment, Forest & Climate Change, Impact Assessment Division, Government of India, New Delhi – 110003 has accorded Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat vide Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023.

A copy of Environment Clearance letter is attached herewith for your kind perusal and information please.

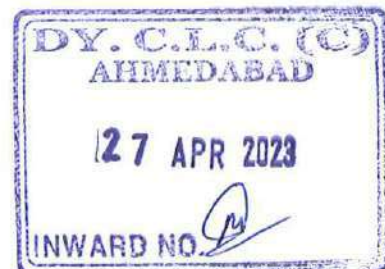
We request you to take note of the above information and record.

Thanking you,

Yours Faithfully,

For, Shree Digvijay Cement Company Limited

Authorised Signatory



CC:

- (1) Assistant Labour Commissioner (C), Kothi Compound, Opp. Civil Hospital, Rajkot
- (2) Labour Enforcement Officer, Kothi Compound, Opp. Civil Hospital, Rajkot

Beegda-3
26/04/2023



SDCCL /CP/Expansion/2022-23/3

24th April'2023

Prant Officer (Jamnagar Rural)

Jilla Seva Sadan,
Saru Section Road,
Jamnagar - 361002

Sub.: Intimation regarding Grant of Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat.

Ref.: Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023 of MoEF & CC, New Delhi.

Dear Sir,

This is to inform that the Ministry of Environment, Forest & Climate Change, Impact Assessment Division, Government of India, New Delhi – 110003 has accorded Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat vide Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023 of MoEF & CC, New Delhi.

A copy of Environment Clearance letter is attached herewith for your kind perusal and information please.

We request you to take note of the above information and record.

Thanking you,

Yours Faithfully,

For, Shree Digvijay Cement Company Limited

Authorised Signatory

✓ CC : Mamlatdar (Jamnagar Rural), Jilla Seva Sadan, Saru Section Road, Jamnagar - 361002



SDCCL /CP/Expansion/2022-23/7

24th April'2023

President

Jilla Panchayat
Jilla Panchayat Office
Jamnagar - 361008,
Gujarat

Sub.: Intimation regarding Grant of Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat.

Ref.: Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023 of MoEF & CC, New Delhi.

Dear Sir,

This is to inform that the Ministry of Environment, Forest & Climate Change, Impact Assessment Division, Government of India, New Delhi – 110003 has accorded Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat vide Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023

A copy of Environment Clearance letter is attached herewith for your kind perusal and information please.

We request you to take note of the above information and record.

Thanking you,

Yours Faithfully,

For, Shree Digvijay Cement Company Limited

Authorised Signatory



SDCCL /CP/Expansion/2022-23/8

24th April'2023

Asst. Director Industrial Safety and Health

Sweet House, Indira Road,
Opp. Hotel Bansi,
Jamnagar - 361008,
Gujarat

Sub.: Intimation regarding Grant of Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat.

Ref.: Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023 of MoEF & CC, New Delhi.

Dear Sir,

This is to inform that the Ministry of Environment, Forest & Climate Change, Impact Assessment Division, Government of India, New Delhi – 110003 has accorded Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat vide Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023.

A copy of Environment Clearance letter is attached herewith for your kind perusal and information please.

We request you to take note of the above information and record.

Thanking you,

Yours Faithfully,

For, Shree Digvijay Cement Company Limited

Authorised Signatory

26/04/2023

કલાર્ક

ડિપુટી ડાયરેક્ટર

ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થની કચેરી
જામનગર



SDCCL /CP/Expansion/2022-23/11

24th April'2023

The PCCF & HOFF,
Block A, 1st Floor,
Aranya Bhavan,
Opp, St. Xaviers School,
Near Ch-3 Circle, Sector-10/A,
Gandhinagar - 382010.

Sub.: Intimation regarding Grant of Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat.

Ref.: Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023 of MoEF & CC, New Delhi.

Dear Sir,

This is to inform that the Ministry of Environment, Forest & Climate Change, Impact Assessment Division, Government of India, New Delhi – 110003 has accorded Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat vide Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023.

A copy of Environment Clearance letter is attached herewith for your kind perusal and information please.

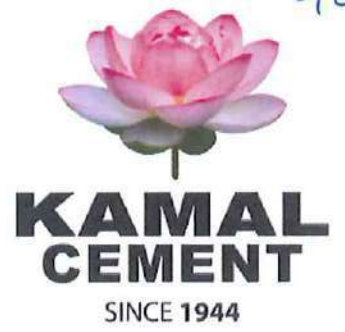
We request you to take note of the above information and record.

Thanking you,
Yours Faithfully,
For, Shree Digvijay Cement Company Limited

Authorised Signatory

24/4/2023
Deepesh Chok
Principal Chief Conservator of Forests
Gujarat State, Aranya Bhavan,
Gandhinagar-382010

CC: DCF – MNP, Marine National Park , Vansankul, Ganjivada, Nr. Nagnath Gate, Jamnagar
DCF – Forest, Vansankul, Ganjivada, Nr. Nagnath Gate, Jamnagar



SDCCL /CP/Expansion/2022-23/12

24th April'2023

The Regional Officer,
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office,
A wing- 407 & 409,
Aranya Bhawan,
Near CH-3 Circle, Sector-10 A,
Gandhi Nagar -382010.

Sub.: Intimation regarding Grant of Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat.

Ref.: Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023 of MoEF & CC, New Delhi.

Dear Sir,

This is to inform that the Ministry of Environment, Forest & Climate Change, Impact Assessment Division, Government of India, New Delhi – 110003 has accorded Environment Clearance to Expansion of Cement Plant (1.20 to 3.00 MTPA) and Clinker (1.10 to 2.21 MTPA) with 8.5 MW WHRS of Shree Digvijay Cement Company Limited, located in 48.71 Ha, at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat vide Environment Clearance Letter No. F.No.IA-J-11011/409/2019-IA-II (IND-I) dated 21.04.2023.

A copy of Environment Clearance letter is attached herewith for your kind perusal and information please.

We request you to take note of the above information and record.

Thanking you,
Yours Faithfully,
For, Shree Digvijay Cement Company Limited

Authorised Signatory





SDCCL/ENV/2023/24/ F – 02

Date: 28/12/2023

To,
Deputy Director General of forests (C),
Ministry of Environment, Forests & Climate Change
Integrated Regional Office, A Wing – 407 & 409,
Aranya Bhavan, Near CH – 3 Circle, Sector 10 – A, Gandhinagar 382010

Mail Id : iro.gandhinagar_mefcc@gov.in

Subject: Intimation regarding the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
(B. General Conditions/ X. Miscellaneous / (vii.))

Ref: EC letter no. F. No. IA-J-11011/409/2019-IA-II(IND-I) dated 21st April, 2023
EC Identification No. EC23A009GJ110379
[Expansion of Cement Plant (1.20 MTPA to 3.00 MTPA) & Clinker (1.10 MTPA to 2.21 MTPA) with 8.5 MW WHRS in 48.71 ha, M/s. Shree Digvijay Cement Co. Ltd., located at P.O. Digvijaygram, Sikka, District Jamnagar, Gujarat.]

Dear Sir/Madam,

With reference to the above subject, we would like to inform you that as per our EC letter no. F. No. IA-J-11011/409/2019-IA-II(IND-I) dated 21st April, 2023/ B. General Conditions/ X. Miscellaneous / (vii.), we will start the land development work of the expansion project with effect from 29th December 2023.

The start of production operation by the project will be communicated in due course.

This is for your kind information and record please.

Thanking you,

Yours faithfully,
For Shree Digvijay Cement Co. Ltd.

R Krishna Kumar
Authorized Signatory



28/12/2023
GUJARAT POLLUTION CONTROL BOARD
Sardar
Jamnagar-361008

**SHREE DIGVIJAY
CEMENT CO. LTD.**

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

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

Cc: Ministry of Environment, Forest and Climate Change
I.A. Division- Industry Sector,
Indira Paryavaran Bhawan,
Vayu Wing, 3rd Floor,
Jor Bagh Road, Aliganj,
New Delhi – 110003

MEMBER SECRETARY,
Gujarat Pollution Control Board
Sector 10-A, Paryavaran Bhavan
Gandhinagar – 382 010

The Regional Officer
Gujarat Pollution Control Board, JADA Building,
Sardar Patel Bhavan, Kasturba Gandhi Road, Opp. TB Hospital,
Jamnagar – 361 005