

Dalmia cement

FUTURE TODAY

cement! sugar! refractories! power!

LQ/OSPCB/005/2023-117
September 27, 2023.

To,
The Member Secretary
State Pollution Control Board, Odisha
Paribesh Bhawan,
A/118, Nilakantha Nagar,
Unit-VIII, Bhubaneswar-751 012

Sub: **Submission of Environmental Statement (Form V) for the financial year ending 31st March 2023.**

Dear Sir,

With reference to the above subject matter, we are herewith submitting the environmental statement in Form V (generated online) of M/s Lanjiberna Limestone & Dolomite Mines of M/s Dalmia Cement Bharat Limited, at Lanjiberna, District – Sundargarh, Odisha for the financial year ending 31st March 2023.

This is for your kind information please.

Thanking you,

Yours sincerely,

For **Dalmia Cement (Bharat) Limited, Rajgangpur.**



Ashok Kumar Mishra
General Manager -Environment

Encl: Form V

CC:

1. The Regional Officer, OSPCB, Rourkela.
2. Addl. PCCF (C), Regional Office (Eastern Zone), MoEF&CC, Bhubaneswar.



Dalmia Cement (Bharat) Limited

Rajgangpur, Sundargarh - 770 017, Odisha, India

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Registered Office: Dalmiapuram, District Truchtrappall - 621 651, Tamil Nadu, India

A Dalmia Bharat Group company. www.dalmiabharat.com

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ODISHA POLLUTION CONTROL BOARD

FORM V

(See Rule 14)

Environmental Statement for the financial year ending on 31st March on or before 30th of September every year.

PART A

- (i) Name and address of the owner/ occupier of the industry operation or process : T VENKATESAN
- (ii) Industry category Primary-(STC Code) : RED B, Mining and Ore beneficiation
Secondary-(STC Code)
- (iii) Production capacity : Million Tonnes

Production Name	Production Capacity	Production Unit
Limestone	9500000	Metric Tonnes/Year
Dolomite	80000	Metric Tonnes/Year
Reject/Wastes	7420000	Metric Tonnes/Year

- (iv) Year of establishment : 1990
- (v) Date of the last environment statement submitted : 26/09/2022

PART B

1. Water consumption m³/ d

Process : 0

Cooling : 0

Domestic : 22.32

Name of products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
Limestone	0	0
Dolomite	0	0
Rejects	0	0

2. Raw material consumption

Name of raw materials	Name of products	Consumption of raw material per unit	
		During the previous financial year	During the current financial year

*Industry may use codes if disclosing details of raw materials would violate contractual obligations, otherwise all industries have to name the raw material used.

PART C

Pollution discharged to environment/ unit of output.

Pollution	Quantity of pollutants discharged(mass/day)	Concentration of pollutants in discharges(mass/volume)	Percentage of variation from prescribed standards with reasons
Water			
Water	Effluent is treated and recycled	Effluent is treated and recycled	Effluent is treated and recycled
Air			
Air	Crusher PM - 189.13 Kg/Day	62.16 mg/Nm ³	37.84% Lower

Name of Pollutants : Air.

PART D

Hazardous Wastes

(as specified under Hazardous Wastes (Management and Handling) Rules, 1989)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
(a) From process	Used Oil - 2.97 T, Used Filters - 0.35 T, Discarded containers - 1.92 T, Waste/Residue Containing Oil - 0 T	Used Oil - 6.67 T, Used Filters - 0.5 T, Discarded containers - 8.80 T, Waste/Residue Containing Oil - 0.2 T
(b) From pollution control facilities	Nil	Nil

PART E

Solid Wastes

	Total Quantity	
	During the previous financial year	During the current financial year
(a) From process	NA	NA
(b) From pollution control facility	NA	NA
(c)(1) Quantity recycled or re-utilised within the unit	NA	NA
(2) Sold	NA	NA
(3) Disposed	NA	NA

PART F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes

Used oil , Waste Containing Oil - Collected in drums and stored in earmarked place before disposed through authorized recyclers.

Discarded Containers, Used Filters stored in designated places and disposed to authorized agencies..

PART G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production

Water Conservation:

Around 4,85,000 KL of rain water harvested for use in dust suppression activities.

Energy Conservation:

Reduction in idle running hours of Crusher leading to 0.15 Kwh/Ton

PART H

Additional measures/ investment proposal for environmental protection abatement of pollution, prevention of pollution

The expenditure incurred for environment and pollution control is Rs. 1.09 Crores

Additional Investment Proposed:

1. Installation of STP and revamping of old ETP.
2. Installation of Mist cannon at raw material handling areas. .

PART I

Any other particulars for improving the quality of the environment

1. Use of Bio-diesel in HEMM used for Mining.
2. Replacement of Old drilling machines with new fuel efficient drillers leading to saving of 0.6 L per Ton.
3. Around 2620 tree saplings planted and saplings distributed in colony. .

Remarks :

Lanjiberna Mines is committed towards environmental pollution control and takes new initiatives towards efficient use of natural resources and energy. .



Shukla