

LQ/OSPCB/005/2025-26/090  
September 03, 2025.

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 in Form V of Lanjiberna Limestone & Dolomite mines at M/s Dalmia Cement Bharat Limited, Rajgangpur for the Financial Year ending 31<sup>st</sup> March 2025.**

Dear Sir,

With reference to the above subject matter, we are herewith submitting the environmental statement in Form V of Lanjiberna Limestone & Dolomite Mines at M/s Dalmia Cement Bharat Limited, Rajgangpur, District – Sundargarh, Odisha for the financial year ending 31<sup>st</sup> March 2025.

This is for your kind information please.

Thanking you,

Yours sincerely,  
For **Dalmia Cement Bharat Limited,**



**Ashok Kumar Mishra**  
**Head – Environment**

**Encl:** Form V

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

## "FORM - V"

(See Rule 14)  
(Environmental Protection Rules, 1986)

### ENVIRONMENT STATEMENT FOR THE FINANCIAL YEAR ENDING 31<sup>st</sup> March 2025

#### PART - A

- (i) Name and address of the owner/ occupier of the industry operation or process. : Lanjiberna Limestone & Dolomite Mines, Dalmia Cement Bharat Limited  
At/Po: Lanjiberna-770023  
District - Sundargarh (Odisha)
- (ii) Industry category  
Primary - (STC Code) : Fully Mechanized (Category- A Mines)  
Secondary - (SIC Code)
- (iii) Production capacity - Units : Limestone: 9.50 MTPA  
Dolomite: 0.08 MTPA  
Chips /Aggregate: 1.44 MTPA  
Rejects: 5.98 MTPA
- (iv) Year of Establishment : 1990
- (v) Date of the last environmental Statement submitted : 24.09.2024

#### PART - B

##### Water and Raw Materials Consumption

##### (1) Water consumption m<sup>3</sup>/d.

Process : 0  
Cooling : 0  
Domestic : 19.48 m<sup>3</sup>/day

Nature of products	Process Water consumption per unit of product output	
	During the previous financial year FY 2023-24	During the current financial year FY 2024-25
Limestone	0	0
Dolomite	0	0
Rejects	0	0

##### (2) Raw Material Consumption – Not Applicable as it is a mining project.

* Nature of consumption	Process Raw Material Consumption per unit of product output		
	Quality of product	During the previous financial year FY 2023 - 24	During the current financial year FY 2024 - 25
NA	NA	NA	NA

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



### PART – C

Pollution discharged to environment/unit of output.

(Parameter as specified in the consent issued)

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water	Effluent is treated & recycled	Effluent is treated & recycled	Effluent is treated & recycled
(b) Air	Crusher PM – 187.91 (kg/day)	71.92 mg/Nm <sup>3</sup>	28.08

### PART – D

#### Hazardous Wastes

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

Hazardous Wastes	Total Quantity (Ton)	
	During the previous financial year FY 2023-24	During the current financial year FY 2024-25
(a) From process	<ul style="list-style-type: none"><li>• Used / Spent Oil – 17.16T,</li><li>• Sludge &amp; Filters Contaminated with oil – 1.45 T,</li><li>• Barrels/Containers used for handling of Hazardous wastes/Chemicals – 4.21 T,</li><li>• Sludge &amp; Filters Contaminated with oil – 0 T</li></ul>	<ul style="list-style-type: none"><li>• Used / Spent Oil – 6.99T</li><li>• Wastes/ Residue containing oil – 0 T</li><li>• Sludge &amp; Filters Contaminated with oil – 0 T</li><li>• Barrels/Containers used for handling of Hazardous wastes/Chemicals – 0 T</li><li>• Spent Ion exchange Resins containing Toxic metals – 0 T</li><li>• Chemical Sludge from waste water Treatment – 0T</li></ul>
(b) From pollution control facilities	Nil	Nil



## **PART – E**

### **Solid Wastes**

	<b>Total Quantity</b>	
	<b>During the previous financial year FY 2023-24</b>	<b>During the current financial year FY 2024-25</b>
a) From process	NA	NA
b) From pollution control facilities	NA	NA
c) Quantity recycled or reutilized within the Unit.	NA	NA
d) Sold	NA	Rubber Wastes – 40.09 T
		Waste Pneumatic and other Tyres – 7.74 T
		Battery Wastes – 1.80 T
e) 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 (Category 5.1, as per Schedule-I) and Waste / Residue containing oil (Category 5.2 as per Schedule-1) which is collected in drums & stored in designated HW Storage Sheds before being disposed to authorized recyclers / re-processors.
- Discarded Containers, Used Filters are stored in designated places and disposed to authorized recyclers as well as used in our cement kiln.
- Rubber wastes, E-wastes and Battery wastes disposed through sale to EPR registered authorized recyclers and re processors.

## **PART – G**

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

### **Water Conservation:**

1. Around 869000 KL of rainwater has been harvested for use in dust suppression, Plantation and ground water augmentation through ground water recharge pits.
2. Renovation and de-silting of community ponds at Bihabandha and extending irrigation facility to the farmers.



### **Energy Conservation:**

1. Average fuel saving of 0.9 Ltr/ hr due to addition of usage of fuel additives.
2. Implementation of energy saver panel at crushers leading to a saving of 79 Kwh/ day.
3. Implementation of lighting timers in 10 nos. of high mast towers leading to a saving of 96 Kwh/ day.
4. Use of 74 % alternate fuel in HEMM for mining in place of diesel.

### **PART – H**

#### **Additional measures/investment proposed for environmental protection including abatement of pollution, prevention of pollution.**

- An amount of Rs. 2.81 Crores has been spent towards environmental protection and pollution control measures.

#### **Additional Investment Proposed:**

1. A Bag house will be installed for new limestone crushing plant.
2. Heavy duty water sprinkling dump truck will be deployed inside the mines pit area.

### **PART – I**

#### **Any other particulars for improving the quality of the environment.**

1. Around 4000 tree saplings planted and distributed in colony.
2. A 12 KL Truck mounted mobile mist cannon has been deployed in the mines haulage road for dust suppression.
3. Reject crushing and screening plant has been installed to convert the reject solid waste material to usable Chips / Aggregates for sale to outside market.
4. Environment awareness training imparted to workers and executives for improving the quality of environment.
5. World Environment Day – 2024 celebrated among school children from local villages followed by theme-based competitions.

#### **Remarks:**

Lanjiberna Mines is committed towards environmental pollution control and is working towards conservation of natural resources and energy.

