

ENVIRONMENTAL STATEMENT FORM-V

(See rule 14)

Environmental Statement for the year ending the 31st March 2024

PART-A

(i) Name and address of the owner : Shri. Maneesh P Mohanan,
Pulikkamattathil,
South Marady, Muvattupuzha - Post.
Ernakulam District, Kerala State-686 673

Process / Operations : Mining of Granite Building Stone.

Industry category : Red
Supply capacity : 148.6MT/day(@300 working days in a year
Year of establishment : 2024

PART B

ii. Water consumption m³/d : 5000L/Day
: Consumes drinking, domestic, afforestation
& dust suppression purposes of the project.

iii. Raw Material Consumption

Name of raw materials : NA
Name of products : NA

PART C

Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

Sl No	Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed standards with reasons.
1	Water	No Waste Water Discharge from the quarry site. Water using only for drinking, domestic & dust suppression purposes of the project.		
2	Air : No pollutants discharged from the quarry			
	Ambient Air Quality Results			
	Parameter	Result	CPCB Limit	
	Particulate Matter, PM10	42.9 µg/m ³	Max 100 µg/m ³	
	Particulate Matter, PM2.5	17.1 µg/m ³	Max 60 µg/m ³	
	Suphur dioxide as SO ₂	10 µg/m ³	Max 80 µg/m ³	
	Oxides of Nitrogen as NO ₂	12.6 µg/m ³	Max 80µg/m ³	

PART-D

HAZARDOUS WASTES

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

Hazardous Waste	Total Quantity (Kg.)	
	During the previous Financial Year	During the current Financial year
From Process	No hazardous waste is generating	
From Pollution Control Facilities	No hazardous waste is generating	

PART-E

a)

Solid Waste	Total Quantity (Kg.)	
	During the previous Financial Year	During the current Financial year
From Process	NA	NA
Form pollution control facility	NA	NA
Sold for recyclers	NA	NA

PART F

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

- Since there is no production, solid wastes are not generating from the installation

PART-G

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

PART H

Additional measures/investment proposal for environmental protection including abatement of pollution.

- Plantation along the lease boundary will act as acoustic enclosure which reduces the sound amplifications.
- Have fencing at all around the lease area to prevent the entry of public & animals to quarry area.
- All environmental parameters found within the limit specified in the KSPCB Consent.

PART I

MISCELLANEOUS: Any other particulars in respect of environmental protection and abatement of pollution.

NA