

Through courier

CCCPL/KW/Envi.Statement/Mines/2020-21/

25th Sep, 2021

To
The Member Secretary,
Karnataka State Pollution Control Board,
49, 4th& 5th floor,
Parisara Bhavana, Church Street,
Bangalore – 560 001.

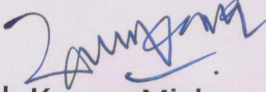
Sir,

Sub: Submission of **Environmental Statement in “Form V”** for the year 2020-21 of **Kallur Limestone Mine** of Chettinad Cement Corporation Private Limited, located at Kallur Village, Chincholi Taluk , Kalaburagi District, Karnataka, under Environment (Protection) Rules, 1986 -reg

As mentioned in the above cited subject matter, we are here by submitting the **“Environmental Statement Report”** FY 2020-21 in the prescribed format (**Form V**) under Environment (Protection) Rules, 1986 pertaining to our **Kallur Limestone Mine (Extent of Mining Lease Area : 422.94 ha), Mining Production capacity : 4.0 Million Ton Per Annum)** located Kallur Village, Chincholi Taluk, Kalaburagi District, Karnataka.

Kindly acknowledge the receipt of the same.

Yours faithfully,
For Chettinad Cement Corporation Private Limited



Devesh Kumar Mishra
Unit Head

Chettinad Cement Corporation Private Limited

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Garagapalli Post, Chandapur (SO)
Chincholi (TK), Kalaburagi (Gulbarga) (DT)
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Copy to :

1. Environmental officer,
Karnataka State Pollution Control Board,
Plot No 12/2, Sy.No 19/P, Mansafdar Layout,
MG Road, Santraswadi,
Kalburgi- 585 101

2. Additional Principal Chief Conservator of Forests (C),
Ministry of Environment & Forest, Govt. of India
Regional office (Southern zone)
Kendriya Sedan, IVth Floor, E & F Wings,
17th Main Road, II Block, Koramangala,
Bangalore-560 034.

FORM - V

[See Rule 14 of Environment (Protection) Rules, 1986]

Environmental Statement for the Financial Year ending the 31st March 2021

PART - A

| | | | |
|-------|---|---|---|
| (i) | Name and address of the owner / occupier of the industry operation or process. | : | L.MUTHUKRISHNAN Chettinad Cement Corporation Pvt Ltd, Kallur Limestone Mine, Kallur Village , Chincholi Taluk, Kalaburagi District, Karnataka. Pincode : 585 305 |
| (ii) | Industry category Primary (STC Code) Secondary (SIC Code) | : | Red Large : 1045.09- Mining and Ore beneficiation |
| (iii) | Production Capacity | : | 4.0 Million Tons per Annum (MTPA) |
| (iv) | Year of Establishment | : | 2012 |
| (v) | Date of Last Environment Statement submitted | : | 12.09.2020 |

PART – B

Water and Raw Material Consumption

(i) Water Consumption (m³/day)

| | | |
|------------------|---|------------------------|
| Dust Suppression | : | 41.21 |
| Cooling | : | NIL |
| Greenbelt | : | Treated STP water used |
| Domestic | : | 4.63 |

| Name of the Product | | *Process Water Consumption (m ³) per unit (metric ton) of Product Output | |
|---------------------|-----------|--|---|
| | | During the Previous Financial Year (2019-2020) | During the Current Financial Year (2020-2021) |
| (1) | Limestone | 0.0041 | 0.0058 |

(ii) Raw Material Consumption

| Name of the Raw Material | | Consumption of Raw Material (metric ton) per unit (metric ton) of Output | |
|--------------------------|-----------|--|---------------------------------------|
| | | During the Previous Financial Year (2019-2020) | During the Financial Year (2020-2021) |
| (1) | Limestone | 1.1887 | 1.1938 |

PART – C

Pollution Discharged to Environment/unit of output
(Parameter as specified in the consent issued)

| Pollutant | Concentrations of Pollutants in Discharges (Mass/volume) µg/m ³ | Annual Avg in µg/m ³ | Percentage of variation from prescribed standards with reasons |
|-------------------|--|---------------------------------|--|
| (a) Air | | | |
| PM ₁₀ | 51.42 | 60 | Within Prescribed limits |
| PM _{2.5} | 22.27 | 40 | Within Prescribed limits |
| SO ₂ | 10.26 | 50 | Within Prescribed limits |
| NO _x | 13.99 | 40 | Within Prescribed limits |

PART – D

HAZARDOUS WASTES

[As specified under Hazardous & Other Wastes (Management, Handling and Transboundary Movement) Rules, 2016]

| Hazardous Waste | | Total Quantity Generated | |
|-----------------|--|--|---------------------------------------|
| | | During the Previous Financial Year (2019-2020) | During the Financial Year (2020-2021) |
| (a) | From Process - None | NIL | NIL |
| (b) | From Pollution Control Facilities-None | NIL | NIL |

PART – E

SOLID WASTES

| Solid Waste | | Total Quantity Generated (metric tons) | |
|-------------|---|--|---------------------------------------|
| | | During the Previous Financial Year (2019-2020) | During the Financial Year (2020-2021) |
| (a) | From Process- Rejection Black Cotton Soil | 93,360 | 58,186 |
| (b) | From pollution control facilities | NIL | NIL |
| (c) | 1. Quantity recycled or re-utilized within the unit | 93,360 | 58,186 |
| | 2. Solid | NIL | NIL |
| | 3. Disposed | NIL | NIL |

PART – F

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

| Name of the Wastes | | Quantity | Characteristics | Disposal Practice Adopted |
|--------------------|---|---|---|---|
| (1) | Hazardous Waste None | NIL | NA | NA |
| (2) | Solid Waste Rejection Black Cotton Soil | Opening Stock (01.04.2019) : NIL Generation (Apr'20-Mar'21) : 58,186 MT Consumption (Apr'20-Mar'21) : 58,186 MT Closing Stock (31.03.2019) : NIL | Organic Carbon % : 0.36 Nitrogen as N (kg/ha) : 21 Potassium as (K ₂ O) (kg/ha) : 75 | Used for the formation of bunds along Mine boundary and for greenbelt in Plant & Mine |

PART – G

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

- Low quality limestone, instead of rejecting, blended with high quality limestone and used in the Cement Plant for conservation of mineral

PART – H

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

Investment Proposal for Environmental Production

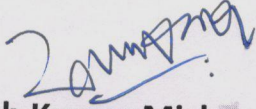
Plantation of saplings : Rs 6.44 lakhs

PART - I

Any other particulars for improving the quality of environment

- a. Regular maintenance of all mining machinery and vehicles are being ensured so that vehicular emissions are within prescribed limits
- b. De-silting of garland drains is being done before monsoon to prevent carryover of solid particles
- c. So far around 4,100 saplings planted during 2020-21 covering an area of 2.56 ha.
- d. Integrated Management Systems implemented: ISO: 9001, ISO: 14001, ISO-45001 and ISO 50001.

Place: Kallur
Date : 25.09.2021

Name : 
Designation : Unit Head

 Chettinad
cement