



SAGAR CEMENTS (R) LIMITED

(A wholly owned subsidiary of SAGAR CEMENTS LIMITED)
(formerly known as BMM CEMENTS LIMITED)

SCRL/IMS/ENV/07

21.06.2023

To
The Environmental Engineer
AP Pollution Control Board,
Regional Office,
Anantapuramu.

Sub: Environment Statement of Gudipadu Limestone mine of M/s Sagar Cements (R) Limited for the period April 2022 to March 2023 under Environment Protection rules, 1986.

Ref: Consent Order No: 1307195/APPCB/KNL/ATP/CTO/HO/2022 dated 30.11.2022

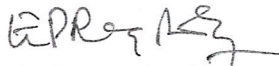
Dear Sir,

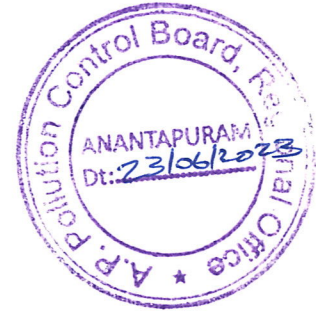
We are submitting herewith Environment Statement for the period April 2022 to March 2023 for Gudipadu Limestone Mine of Sagar Cements (R) Limited located at Gudipadu village, Yadiki Mandal, Anantapuramu district in Andhra Pradesh.

This is for your kind information and office records please.

Thanking you

Yours faithfully,
For Sagar Cements (R) Limited,


E. P. Ranga Reddy
(Assist. Vice President - Works)



CC to:

1. The Deputy Director, Ministry of Environment, Forest and Climate Change, Regional Office Vijayawada.
2. The Member Secretary, Andhra Pradesh Pollution Control Board, D no 33-26-14 D/2, Near Sunrise hospital, Pushpa Hotel Centre, Chalamavari Street, Kasturibaipet, Vijayawada-520010



Registered Office: Plot No. 111, Road No.10, Jubilee Hills, Hyderabad - 500033.

Phone : +91-40-23351571, 23356572 Fax : +91-40-23356573 info-r@sagarcements.in www.sagarcements-r.in CIN: U40300TG2007PLC134320

Factory: Gudipadu Village and Post, Yadiki Mandal, Ananthapur District, Andhra Pradesh-515408, Phone: 08558-200272

ENVIRONMENTAL STATEMENT FORM-V

(See rule 14)

Environmental Statement for the financial year ending with 31st March

PART-A

(i)	Name and address of the owner/occupier of the industry operation or process	Mr. E. Pandu Ranga Reddy Gudipadu Limestone Mine for 1.50 MTPA limestone production of Sagar Cements (R) Limited, Gudipadu (V), Yadiki (M), Ananthapuramu (Dist) Andhra Pradesh :515408
(ii)	Industry category- Primary- Secondary-	Red category Gudipadu Limestone Mine for 1.50MTPA Limestone production
(iii)	Production capacity Units	1.50 MTPA Limestone production
(iv)	Year of establishment	23.12.2015
(v)	Date of the last Environmental Statement submitted	26.09.2022

PART-B

Water and Raw Material Consumption

(i) Water Consumption in m³/d

Dust Suppression: 18.72m³/day

Cooling: NA

Gudipadu Limestone	*Process water consumption per unit of product output	
	During the previous Financial Year (April 2021 – March 2022)	During the current Financial year (April 2022 – March 2023)
Industrial (Process)	0.00372 m ³ /T	0.0023 m ³ /T

*Water used for Dust Suppression shown as process water consumption

(ii) Raw Material Consumption

Name of raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year (April 2021 – March 2022)	During the current financial year (April 2021 – March 2022)
Limestone	Crushed Limestone	999972 Tons*	1199988 Tons*

*This is an open cast mine. After blasting in the pits, Run off mine is feed to crushing unit to produce required size ore. Whatever material is fed for processing, same comes out as output.

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 discharged (mass/volume)	Percentage of variation from prescribed standard with reasons.
(a) Water	Nil	Waste water generated from office toilets is disposed in soak pit followed by septic tank. There is no workshop in mining hence there is no waste water generating from mining operation	Nil
(b) Air	NA	NA	--

PART-D

Hazardous Wastes

[as specified under hazardous wastes (Management & Handling rules,1989)].

Hazardous Waste	Total Quantity (Its)	
	During the Previous financial year (April 2021 – March 2022)	During the current financial year (April 2022 – March 2023)
From process	Nil	Nil
From Pollution control facilities	NA	NA

PART-E

Solid Wastes

Solid Waste	Total Quantity	
	During the Previous financial year (April 2021 – March 2022)	During the current financial year (April 2022 – March 2023)
(a) From Process (Top Soil)	Generation: 32037.13 m ³	Generation: 54962.15 m ³
(b) From Pollution control Facility	Dust collected in DE systems is recycled back to the system.	Dust collected in DE systems is recycled back to the system.
(c) Quantity recycled or reused within the unit (Top Soil)	Consumption: 32037.13 m ³	Consumption: 54962.15 m ³

PART-F

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

Hazardous waste:

- No Hazardous waste is generated from the process.

Solid Waste:

- Solid waste as top soil generated during mining operation is directly used in greenbelt developments.

PART-G

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

- The sub-grade limestone mineral is used in the manufacturing process thus conserving the natural resources.
- Development of water storage reservoirs is done to facilitate increase in water regime in mined out areas.
- Bag filter and dust suppression system provided at crusher.
- Wet drilling is done by wet drilling machine to reduce the fugitive emissions.
- All haul roads in the mining area are made up of morrum & compacted.

PART-H

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

- An amount of Rs 4042254/- was spent on Environment monitoring, Calibration & data uploading charges at Mines.
- Total 7125 no's of saplings planted in the year 2022-2023 within mine lease area.
- An amount of Rs 2110832/- was spent on Green belt development.

PART-I

Any other particulars for improving the quality of the environment.

- All the operators are provided with proper PPE to meet out air & noise pollution.
- Control blasting is in place and using of Non-Electrical Delay detonators to reduce ground vibrations.
- Periodic medical examination of employees is conducted.
- Catch drains & Siltation Ponds, rain water harvesting pit, check dams & garland drains are being constructed in phase wise manner as per the requirement around the mine pit to prevent the inrush of water into the mine.



(Signature of a person carrying out an industry
- operation or process)

Date: 21/6/23

