



ANDHRA PRADESH POLLUTION CONTROL BOARD
D.No.33-26-14D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavari Street, Kasturibaipet, Vijayawada – 520 010
Phone. No.0866-2463200, Website : https://pcb.ap.gov.in/

RED CATEGORY
RENEWAL OF CONSENT ORDER

Consent Order No : APPCB/KNL/ATP/17731/HO/CFO/2021

16/07/2021

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

M/s. Sagar Cements (R) Limited,
(formerly M/s. BMM Cements Limited),
(Gudipadu Lime Stone Mining),
Gudipadu(V), Yadiki(M),
Anantapur District-515408.
E Mail: vangaep@sagarcements.in

(Hereinafter referred to as 'the Applicant') authorizing to operate the industry to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below:

Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1	Vehicle Washings	1.0 KLD	After treatment in the ETP, the the treated water shall be used for onland for irrigation, within the premises, duly meeting the Board's standard (BOD- 100 mg/l).
2	Domestic	3.2 KLD	Septic tank followed by soak pit

This consent order is valid for mining of Lime stone in the total mine lease area of 454.59 Ha. to the following quantity only:

S.No	Activity	Quantity
1.	Mining of Lime stone	1.0 Million TPA

This order is subject to the provisions of the Acts and orders made thereunder and further subject to the terms and conditions incorporated in the Schedule A and B enclosed to this order.

This consent shall be valid for a period ending with the **31st day of January 2026.**

DR.
B.MADHUSUDHANA
RAO, JCEE(MSRB),
O/o JOINT CHIEF
ENVIRONMENTAL
ENGINEER4-APPCB

To
M/s. Sagar Cements (R) Limited,
(formerly M/s. BMM Cements Limited),
(Gudipadu Lime Stone Mining),
Gudipadu(V), Yadiki(M),
Anantapur District-515408.

Copy to :

1. The JCEE, Zonal Office, Kurnool for information and necessary action.
2. The EE, Regional Office, Anantapur for information and necessary action.

SCHEDULE – A

1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
2. The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
3. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
4. The industry should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.
5. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
6. The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.
7. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
8. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board.
9. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the

State Pollution Control Board.

10. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.
11. The industry shall be liable to pay Environmental Compensation / Other Environmental Taxes, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other competent authority as per the Rules in vogue.
12. The industry may explore the possibility of tapping the solar energy for their energy requirements.
13. The industry should educate the workers and nearby public of possible accidents and remedial measures.

SCHEDULE – B

1. The Board vide order dated 22.03.2016 issued CFO to M/s. BMM Cements Limited for Mining of Lime Stone - 1.0 Million TPA, which was valid upto 21.01.2021. The industry applied for CFO (Renewal), for a period upto 21.01.2026, for the project cost of Rs. 30.77 Cr, with a mine lease area of 454.59 Ha. The issue was placed in the CFO Committee meeting held on 03.02.2021 and the Committee recommended to issue CFO & HWA to the industry for a period upto 31.01.2026 with time bound conditions for the non-compliances, subject to the submission of Bank Guarantee of Rs. 6 Lakhs towards compliance of the time-bound conditions for the 3 non-compliances. Now, the industry submitted an EC (amendment) for name change from M/s. BMM Cements Limited to M/s. Sagar Cements (R) Ltd. and also submitted a BG of Rs. 6 lakhs in the name of M/s. Sagar Cements (R) Ltd. The issue was again placed in the CFO Committee meeting held on 07.07.2021 and the committee recommended to issue CFO & HWA (Renewal) to the industry in the name of M/s. Sagar Cements (R) Limited duly stipulating the conditions for the non compliances.
2. The industry shall comply with the following non-compliances as mentioned in the Bank Guarantee, failing which the Bank guarantee of Rs. 6.0 Lakhs will be forfeited without any notice:
 - i. The industry has not complied with the condition that "the industry shall establish 4AAQM stations within three months in the core zone as well as in the buffer Zone for RSPM and NOX monitoring within three months and submit the compliance to the RO Kurnool." The industry shall establish 4 AAQM stations in the core zone as well as in the buffer Zone for RSPM and NOX on or before 11.10.2021.
 - ii. Not provided automatic water sprinklers to control fugitive emissions. The industry shall provide automatic water sprinklers to control fugitive emissions on or before 11.08.2021.
 - iii. Not monitoring the Ground water table levels. The industry shall establish online piezometers to measure the Ground water table immediately and shall submit the compliance report to RO, Anantapur.
3. The industry need to develop balance green belt of 339 acres. The industry shall

develop balance green belt of 339 acres in the coming monsoon.

4. Not provided the fixed continuous water spraying system all along the haul road from mines to lime stone crusher to minimize the dust emissions. The industry shall provide the fixed continuous water spraying system all along the haul road from mines to lime stone crusher to minimize the dust emissions by 23.07.2021.

WATER POLLUTION:

2. The source of water is bore well. The following is the permitted water consumption:

S.No.	Purpose	Quantity
1	Process and Washings	1.0 KLD
2	Dust suppression	25.0 KLD
3	Gardening / irrigation	15.0 KLD
4	Domestic	4.0 KLD
	Total	45.0 KLD

Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above.

AIR POLLUTION:

3. The applicant shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10mm) - 100 mg/ m³; PM2.5 (Particulate Matter size less than 2.5 mm) - 60 mg/ m³; SO₂ - 80 mg/ m³; NO_x - 80 mg/m³, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)

Night time (10 PM to 6 AM) - 70 dB (A)

GENERAL:

4. The project authority shall develop green belt of width 7.5mtrs around the mine lease area, on OB dumps along the roads etc. by planting native species in consultation with local DFO as stipulated in the E.C order dated: 12.12.2014. The industry shall take proper measures for survival of the saplings planted.
5. The applicant has submitted Afforestation Plan to the Board on 11.05.2015, to develop greenbelt in the mine lease area till the end of mine. As per the plan, the applicant has proposed to develop greenbelt as follows:

S.No.	Year	Greenbelt area
1	1 – 5 Years	9.14 Ha.
2	6 – 10 Years	6.9 Ha.
3	11 – 15 Years	6.9 Ha.
4	16 – 20 Years	6.9 Ha.
5	21 – 25 Years	6.9 Ha.
6	26 – 30 Years	6.9 Ha.
7	30 – end of the mine	16.95 Ha.

6. The project authority shall implement the above afforestation plan for development of greenbelt of width 7.5mtrs around the mine lease area.

7. The project authority shall develop greenbelt in an area of 9.14 Ha. in the first Five years and 6.9 Ha. during 6 - 10 years period as per the Afforestation Plan submitted.
8. The project authority shall adopt blasting technique using shock tube and delay detonators. Dust collectors are to be provided for the drilling and water sprinkling near loading areas and while drilling.
9. The project authority should adopt latest blasting techniques to minimize the vibrations and dust emissions.
10. The project authority should avoid blasting during high windy period, night times and temperature inversion periods.
11. The industry shall provide fixed continuous water spraying system all along the haul road from Mines to Lime stone crusher to minimize the dust emissions before commencement of mining activity.
12. Ground water table levels should be monitored every season. Any lowering of the ground water table in comparison to the previous season should be reported to the Board immediately. Discarded pits shall be allowed to fill the water.
13. The industry should provide & maintain dust control systems at the transfer points in crushing area to control the dust emission.
14. Sequential blasting and use of non-electric delay detonators shall be adopted to reduce ground vibrations.
15. The mining unit shall stack the top soil with adequate measures with proper slope at earmarked site (s) only and shall be used for plantation purpose.
16. The mining unit shall maintain the following measures to control erosion of dumps and submit the compliance.
 - i. Retention/toe walls shall be provided at the foot of the dumps
 - ii. Stabilization of worked out slopes by planting appropriate shrub / grass species on the slopes.

General:

17. The mining unit shall not produce beyond the permitted capacity mentioned in this order, without obtaining CFE & CFO of the Board.
18. The industry shall comply with the conditions stipulated in the EC order dated 12.12.2014.
19. The mining unit shall explore the possibility to convert mined area into a reservoir by plugging the leakages.
20. The mining unit shall carryout studies on ground vibrations due to blasting activities. Based on the reports of every blast, the blasting parameters shall be modified if necessary with approval of concerned department.
21. The mining unit shall submit Water Quality, AAQ, Soil quality monitoring through third party approved by MoEF&CC on monthly basis to RO, Anantapur & ZO, Kurnool.
22. The mining unit shall develop green belt of width 7.5 m all along the boundary of the mine lease area on OB dumps, along the roads etc., by planting the native species in consultation with the local DFO.
23. The mining unit shall ensure that there shall not be any change in the process technology and scope of working without prior approval from the Board.
24. The mining unit shall comply with all the directions issued by the Board from time to time.

Special Conditions:

25. The mining unit shall prepare a safety report and carry out an independent safety audit report of the respective industrial activities including chemical storages / isolated

storages by an expert not associated with such industrial activity as required under Rule 10 of MSIHC Rules, 1989 and get it approved by the Factories Dept., and submit the compliance along with copy of the safety report, safety audit report and safety certificate at concerned Regional Office, APPCB.

26. The mining unit shall submit a copy of the NOC issued by the Andhra Pradesh State Disaster Response and Fire Service Dept., (APSDRFSD) at concerned Regional Office, APPCB.

The project authority shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and Consent for Operation (CFO) through website i.e., <https://pcb.ap.gov.in> by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the project authority and second half yearly compliance reports shall be the audited through MoEF&CC recognized and National Accreditation Board for Laboratory Testing (NABL) accredited third party.

**DR. B.MADHUSUDHANA RAO, JCEE(MSRB), O/o JOINT CHIEF
ENVIRONMENTAL ENGINEER4-APPCB**

**To
M/s. Sagar Cements (R) Limited,
(formerly M/s. BMM Cements Limited),
(Gudipadu Lime Stone Mining),
Gudipadu(V), Yadiki(M),
Anantapur District-515408.**