



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

Renewal of Consent and Hazardous Waste Authorization Order

Order No: APPCB/KNL/KNL/17731/CFO&HWM/HO/2021 29/04/2021

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 amendments thereof and Authorization under Rule 6 of the Hazardous & Other Wastes (Management and Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

M/s. Sagar Cements (R) Limited
(Formerly BMM Cements Ltd) (Captive Power Plant),
Gudipadu (V), Yadiki (M),
Ananthapuramu District.
 Email: achireddy.m@priyacement.com

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

i) Out lets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Boiler blow down –5.0 KLD + Cooling – 20.0 KLD + (power plant) + Softner / DM plant – 20.0 KLD + Domestic – 4.0 KLD	49.0 KLD	After treatment in the ETP, the treated waste water shall be recycled back into process / cooling purpose.

ii) Emission from Chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow
1	Attached to Boiler of capacity 110 TPH	---
2	Attached to DG set of capacity 500 KVA	---

iii) Hazardous Waste Authorisation (FORM – II) [See Rule 6 (2)]

M/s. Sagar Cements (R) Limited (Formerly BMM Cements Ltd) (Captive Power Plant), Gudipadu (V), Yadiki (M), Ananthapuramu District is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

- **HAZARDOUS WASTES WITH RECYCLING OPTION:**

S.	Name of the	Stream Number	Quantity of	Disposal Option
----	-------------	---------------	-------------	-----------------

No.	Hazardous Waste	as per HWM Rules	Hazardous waste	
1	Waste oil	5.1 of Schedule-I	350 Ltrs/annum	Partly used as Lubricant in the Cement Plant and Partly burnt in Kiln of the Cement Plant.
2	Waste Grease	5.1 of Schedule –I	50 Kgs/annum	
3	Used Batteries	17 of Schedule – IV	50 No's /annum	Returned to Battery Suppliers on Buy Back Basis

• **NON-HAZARDOUS WASTE DETAILS:**

S. No.	Name of the waste	Source of generation	Quantity of waste (kg/day)	Disposal Option
1	Fly ash from the Boiler	From the CFBC boiler	80 TPD	Reused in the process for Cement manufacturing.
2	Bed Ash from the Boiler	From the CFBC boiler	5 TPD	Partly used in the Land filling in the Low lying and Partly Reused in the process for Cement manufacturing

The consent order is valid for mining of Lime Stone for the following:

S.No	Product	Capacity
1.	Electric power generation (captive power consumption)	25 MW

This order is subject to the provisions of 'the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorisation shall be valid for a period ending with the **31.05.2026**.

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

To
M/s. Sagar Cements (R) Limited
(Formerly BMM Cements Ltd) (Captive Power Plant),
Gudipadu (V), Yadiki (M),
Ananthapuramu District.

Copy to:

1. The Joint Chief Environmental Engineer, Zonal Office, Kurnool for information and necessary action.
2. The Environmental Engineer 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 industry has not submitted the environmental statement in Form –V. The industry shall submit the environmental statement in Form –V at RO, Anantapur and to Board Office regularly.
2. Not uploaded the six monthly compliance reports in APPCB website. The industry shall upload the six monthly compliance reports in APPCB website once in 6 months.

WATER POLLUTION:

1. The source of water is Borewell/ mine pit. The applicant shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

S.No	Purpose	Quantity
1)	Filter back wash	Nil
2)	Boiler feed	35 KLD
3)	Cooling (Power Plant)	70 KLD
4)	Softner / DM & RO plant	45.0 KLD
5)	Domestic	5 KLD
6)	Dust suppression and plantation	45 KLD
	Total :	200.0 KLD

2. The industry shall provide separate digital water meters with totalizer, for assessing the quantity of water used for each of the purposes mentioned above and maintain records for the same.

AIR POLLUTION:

3. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No.	Parameter	Emission Standards
1	Particulate Matter	50 mg/Nm ³

4. The industry shall maintain interlocking facility between APC equipment(ESP) and fuel feeding system for the boiler, so that the feeding of the fuel will be stopped automatically in case of the ESP'S fails/trip ping's are occurred
5. The project authority shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448 (E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.
6. 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:

7. The industry shall not increase produce the power generation beyond the permitted capacity mentioned in this order without obtaining CFO of the Board.
8. The industry maintain 3 nos of CAAQM stations and shall maintain connection for transmission of the data to the APPCB website.
9. The industry shall maintain greenbelt in an area of 33% of the total area i.e.75 acres allotted to Captive Power Plant.
- 10.The industry shall maintain oil and grease removal system for removal of oil content from service water before its recycle.
- 11.The industry shall maintain STP for treatment of domestic effluents for plant and colony and submit the compliance to RO, Kurnool on half yearly basis.
- 12.The industry shall maintain digital flow meters with totalizer for waste water generation and treated waste water recycled and submit the compliance to RO, Kurnool on half yearly basis.
- 13.The industry shall maintain concreted internal roads.
- 14.The industry shall maintain mechanical water spraying system all along the services roads to control the dust.
- 15.All the sources of fugitive emissions i.e., loading and unloading operations, stockyard, transfer points of conveyors and retrieval points shall be controlled fully i.e., with total enclosures and all transfer emissions shall be connected with extractor inlet point and shall pass through a high efficiency bag filter before discharging into the atmosphere.
- 16.The industry shall maintain closed shed for storage of coal and adequate dust containment/suppression measures shall be maintained to control fugitive emissions.
- 17.The industry shall store bed ash in silos only. Under any circumstances the industry shall not store bed ash openly in the premises.
- 18.The industry shall maintain good housekeeping in the plant premises.
- 19.The industry shall maintain energy meters to the air pollution control equipment. The industry shall maintain separate power consumption records pertaining to pollution control equipment.
- 20.The applicant shall submit Environment Statement in Form V before 30th September of every year as per rule No.14 of E (P) Rules 1986& amendments thereof.
- 21.The industry shall comply with directions issued by board from time to time.
- 22.The conditions stipulated are without prejudice to the rights and conditions of this board in any Honourable Court of Law

Special Conditions:

- 20.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.
- 21.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.

SCHEDULE – C

[See rule 6(2)]

**[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR
HANDLING HAZARDOUS WASTES]**

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on “Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty”.
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. An application for the renewal of an authorisation shall be made as laid down under these Rules.
9. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

Specific Conditions:

10. The industry shall enter an agreement with the Cement industries for disposal of incinerable waste or shall dispose to Alternative Fuel Raw material facility (AFRF) OR to TSDF for co-incineration.
11. The industry shall comply with the provisions of HWM Rules, 2016 in terms of interstate transport of Hazardous Waste and manifest document prescribed Under Rule 18 and 19 of the HWM Rules, 2016.
12. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
13. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
14. The industry shall transport the hazardous waste to cement industries only through vehicle fitted with GPS tracking system.
15. The industry shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.
16. The industry shall maintain proper records for Hazardous and Other Wastes stated in Authorisation in Form-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form-4 as per Rule 20 (2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
17. Annual return shall be filed by June 30th for the period ensuring 31st March of the

year.

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 BMM Cements Ltd) (Captive Power Plant),
Gudipadu (V), Yadiki (M),
Ananthapuramu District.



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/
CFOAmendment Order No.APPCB/KNL/KNL/17731/CFO&HWM/HO/2021-

15/07/2021

Sub: APPCB - UH-IV - CFO - M/s. Sagar Cements (R) Limited (Formerly BMM - Cements Ltd) (Captive Power Plant), Gudipadu (V), Yadiki (M), Ananthapuramu District - Request for CFO & HWA (Amendment) for Effluents discharge, greenbelt development and correction of "mining unit" with "Captive Power plant" - CFO& HWA (amendment) - Issued - Reg.

Ref:- 1. CFO Order dated 29.04.2021 valid up to 31.05.2026.
 2. Industry's request for CFO (amendment) received on 03.05.2021.
 3. EE, RO, Anantapuram email received on 15.06.2021.
 4. CFO Committee meeting held on 07.07.2021.

The Board vide order dt:29.04.2021 issued CFO&HWA to the industry to for Electric Power Generation (Captive Power Consumption) - 25 MW which is valid up to 31.05.2026, for a project cost of Rs.143.04 Crores.

The industry submitted a representation requesting to issue CFO (amendment) for Effluents discharge, greenbelt development and correction of "mining unit" with "Captive Power plant" and the RO, Anantapuram on 15.06.2021 submitted a report.

The issue of CFO&HWA (Amendment) to industry was placed in the CFO Committee meeting held on 07.07.2021 and the committee recommended to issue amendment in CFO &HWA Order duly making the corrections as requested.

The Board after careful scrutiny, hereby issues the following amendments to the CFO & HWA Order dt:29.04.2021, issued by the Board vide reference 1st cited, under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

Amendment:

a. The table below the "Outlets for discharge of effluents" shall be read as:

S.No.	Outlet description	Quantity	Disposal option
1.	Boiler blow down - 5.0 KLD + Cooling - 20 KLD + Softner / DM plant - 20 KLD	45 KLD	After treatment, the treated wastewater shall be used onland for irrigation, within the premises, duly meeting the Board's standards (BOD-100 mg/l).
2.	Domestic	4 KLD	Septic tank followed by soak pit.

b. The condition no 9 shall be read as "the industry shall maintain greenbelt in an area of 33% of the area i.e.30.96 acres allotted to Captive Power

Plant”.

- c. “The mining unit” mentioned in condition no. 20 & 21 shall be replaced with “captive power plant”.

All other conditions mentioned in Schedule - A, B & C of the combined CFO &HWA order issued by the Board vide reference 1st cited including the validity i.e., 31.05.2026 will remain same.

DR. B.MADHUSUDHANA

RAO, JCEE(MSRB), O/o JOINT CHIEF ENVIRONMENTAL ENGINEER4-APPCB

To

The Occupier,

M/s. Sagar Cements (R) Limited

(Formerly BMM Cements Ltd) (Captive Power Plant),

Gudipadu (V), Yadiki (M),

Ananthapuramu District.

E-mail: achireddy.m@priyacement.com

Copy to:

1. The Joint Chief Environmental Engineer, Zonal Office, Kurnool for information and necessary action.
2. The Environmental Engineer, Regional Office, Anantapuram for information and necessary action.

Signed by Dr.

B.madhusudhana Rao

Date: 15-07-2021 19:26:51

Reason: Approved