



**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
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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 ENGINEER-4-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
<b>Total :</b>		<b>200.0 KLD</b>

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 <sup>3</sup>

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 PM<sub>10</sub> (Particulate Matter size less than 10mm) - 100 mg/ m<sup>3</sup>; PM<sub>2.5</sub> (Particulate Matter size less than 2.5 mm) - 60 mg/ m<sup>3</sup>; SO<sub>2</sub> - 80 mg/ m<sup>3</sup>; NO<sub>x</sub> - 80 mg/m<sup>3</sup>, 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 30<sup>th</sup> for the period ensuring 31<sup>st</sup> 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**

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**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.

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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 1<sup>st</sup> 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.



# ANDHRA PRADESH POLLUTION CONTROL BOARD

D.No.33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,  
Chalamavari Street, Kasturibaipet, Vijayawada - 520010

**Consent Amendment Order No : APPCB/KNL/KNL/17731/HO/CFO/2017 Dt.30.10.2017**

**Sub:** APPCB – CFO – BMM Cements Limited (Captive Power Plant), Gudipadu (V), Yadiki (M), Anantapur District – Change of industry name to M/s. Sagar Cements (R) Limited - Amendment to CFO &HWA Order – Issued – Reg.

**Ref:** 1. T.O. Consent Order No: APPCB/KNL/KNL/17731/CFO&HWA/HO/2015 dt.21.05.2015.  
2. Renewal of CFO & HWA through Auto renewal System on 22.03.2016  
3. Industry's letter dt.19.09.2017.  
4. RO, KNL Lr. No.168 APPCB/KNL/KNL/17731/ HO/CFO/2016-899 dt.09.10.2017.

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The Board in the reference 1<sup>st</sup> cited, issued combined CFO & HWA order to BMM Cements Limited, Gudipadu (V), Yadiki (M), Anantapur District for Electric Power Generation(Captive power generation) – 25 MW with validity period upto 31.05.2016 duly stipulating conditions.

In the reference 2<sup>nd</sup> cited, the Board has renewed consent & authorization through auto renewal system for a period of Five years ie., upto 31.05.2021.

The industry vide reference 3<sup>rd</sup> cited requested to issue an amendment to CFO &HWA order dt. 21.05.2015 & subsequent CFO & HWA auto renewal order dt. 22.03.2016 for change of name from M/s. BMM Cements Limited to M/s. Sagar Cements (R) Limited.

In the reference 4<sup>th</sup> cited, the Regional office, Kurnool submitted a report stating that M/s. BMM Cements Limited, was taken over by M/s. Sagar Cements Ltd., and the name has been changed from M/s. BMM Cements Limited to M/s. Sagar Cements (R) Limited from 28.03.2017. The industry submitted Certificate of incorporation issued by Ministry of Corporate Affairs, Govt. of India for change of name.

The Board after careful examination of the request of the industry and the report of EE, RO, Kurnool hereby issues following amendment to combined CFO&HWA Order dt.21.05.2015 (ref.1)and subsequent CFO & HWA auto renewal order dt. 22.03.2016 (ref.2) under Section 25/26 of the Water(Prevention & Control of Pollution) Act, 1974 under section 21 /22 of the Air (Prevention and Control of Pollution) Act, 1981 and amendments thereof & under Rule 6 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016 & Amendments thereof:

The name of the industry shall be read as.

**M/s. Sagar Cements (R) Limited,  
Gudipadu (V), Yadiki (M), Anantapur District.**

All other conditions stipulated in Schedules – A,B & C mentioned in combined CFO & HWA order dt. 21.05.2015(ref.1) & validity period stipulated in the CFO & HWA auto renewal order dt. 22.03.2016 (ref.2) remain same.

Sd/-  
**MEMBER SECRETARY**

To  
M/s. Sagar Cements (R) Ltd.,  
(Captive Power Plant)  
Gudipadu (V), Yadiki (M),  
Anantapur District – 515408.  
Email: [honnursaheb@bmm.in](mailto:honnursaheb@bmm.in)

Copy to :

1. The JCEE, Zonal Office, Kurnool for information and necessary action.  
The Environmental Engineer, Regional Office, Kurnool for information and necessary action.

//T.C.F.B.O.//

**JOINT CHIEF ENVIRONMENTAL ENGINEER(FAC)**  
(Unit Head – IV)



## ANDHRA PRADESH POLLUTION CONTROL BOARD

Paryavarana Bhavan, A-III, Industrial Estate,  
Sanathnagar, Hyderabad-500 018  
Phone : 040-23887500, Website : www.appcb.ap.nic.in

### **AUTO RENEWAL OF CONSENT AND AUTHORIZATION ORDER FOR OPERATIONS**

In response to your application dated 05.03.2016 for Auto Renewal of Consent for operation and Authorisation Order, the Board is hereby extending validity period of Consent and Authorisation order given under sections 25/26 of the Water (Prevention and Control of Pollution) Act, 1974 and 21 of the Air (Prevention and Control of Pollution) Act, 1981 and Authorisation under Rule 5 of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008, issued vide Consent order No. APPCB/KNL/KNL/17731/CFO&HWM/HO/2015-913 date 21.05.2015 valid upto 31.05.2016 for further period of 5 (FIVE) years i.e., upto 31.05.2021.

REV. N. P. J. 22/3/16  
For A.P. POLLUTION CONTROL BOARD

Dated: 22.03.2016

To  
The Occupier  
M/s. BMM Cements Limited,  
(25 MW Power Plant),  
Gudipadu (V), Yadiki (M),  
Anantapur District - 515 408.

Copy to:

1. The JCEE, Zonal Office, Kurnool for information and necessary action.
2. The JCEE (Cess), APPCB, Hyderabad for information.
3. The Environmental Engineer, Regional Office, Kurnool for information and necessary action.



ANDHRA PRADESH POLLUTION CONTROL BOARD  
PARYAVARAN BHAVAN, A-3, INDUSTRIAL ESTATE,  
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 040-23887500  
Fax: 040- 23815631  
Grams : Kalusya Nivarana  
Website : appcb.ap.nic.in

**BY REGD. POST WITH ACKN. DUE  
CONSENT & AUTHORIZATION ORDER**

**Consent Order No : APPCB/KNL/KNL/17731/CF&HWM/HO/2015- 9 \ 3 Date : 21.05.2015**

Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2008 & Amendments thereof.

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21 of Air (Prevention & Control of Pollution) Act 1981 and Authorisation under the provisions of HW (MH & TM) Rules (hereinafter referred to as 'the Acts', 'the Rules') and the rules and orders made thereunder to

M/s. BMM Cements Limited,  
(25 MW Power Plant),  
Gudipadu (V), Yadiki (M),  
Anantapur District - 515 408  
E-mail: [honnursaheb@bmm.in](mailto:honnursaheb@bmm.in)

(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:**

S.No	Outlet description	Max daily discharge	Point of disposal
1.	Filter backwash - 15.0 KLD + Boiler blow down - 24.0 KLD + Cooling - 20.0 KLD (Power plant) + Softner / DM Plant - 15.0 KLD after treatment	74.0 KLD	Recycle back for cooling purpose

**ii) Emissions from chimneys:**

No.	Description of Chimney
1.	Attached to Boiler of capacity 110 TPH

**iii) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 5 (4)]**

M/s. BMM Cements Limited, (25 MW Power Plant), Gudipadu (V), Yadiki (M), Anantapur 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. No.	Name of hazardous waste	Stream	Quantity	Disposal Option
1.	Waste oils	5.1 of Schedule - I	250 Lt/annum	Reprocessors / Recyclers authorized by APPCB

This consent order is valid for power generation of following capacity only:

S.No.	Products	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<sup>st</sup> May, 2016.

Sd/-  
MEMBER SECRETARY

Encl: Schedule A, B & C.

✓ To  
M/s. BMM Cements Limited,  
(25 MW Power Plant),  
Gudipadu (V), Yadiki (M),  
Anantapur District - 515 408.

//T.C.F.B.O//

*Wao 27/5/15*  
JOINT CHIEF ENVIRONMENTAL ENGINEER  
UNIT HEAD - IV

**SCHEDULE - A**

1. The applicant should make application 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 for obtaining Consent & HW Authorization of the Board.
2. 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 such authority (hereinafter referred to as the 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.
3. The project occupier should immediately submit the revised application for consent to this Board in the event of any change in the building and site specifications, quantity of trade effluents & quantity of emissions etc.
4. The applicant should not change or alter either the quality or the quantity or the rate of the discharge or the route of discharge and should not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
5. The applicant should, not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent. In absence of alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent, production should be stopped.
6. Any up-set condition in the project, which results in increased effluent discharge and/ or violation of standards stipulated in this order or the emission of any Air Pollutant into the environment in excess of the standards laid down by the Board occurs or is apprehended to occur due to accident, or other unforeseen act or event, the person-in-charge of the premises, from where such discharge / emission occurs or is apprehended to occur should forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, by fax / email under intimation to the Collector and District Magistrate.
7. In case of such episodal discharges / emissions mentioned in item 5 above, the project should take immediate action to bring down the discharge / emission below the limits prescribed in this order.
8. A good housekeeping should be maintained in the premises. All hoods, pipes, valves, sewers and drains should be leak proof. Floor washings should be admitted into the effluent collection system only and should not be allowed to find their way into storm drains or open areas.
9. a) The project should carryout analysis of waste water discharges or emissions through chimneys, for the parameters mentioned in Schedule - B of this Order at regular intervals.  
b) The project should maintain following records for access to the Board, whenever required.
  - a) Analysis reports of waste water/ emissions.
  - b) Log book for operation of pollution control systems.
  - c) Inspection book



10. Separate power connection with energy meter should be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment should be maintained separately.
11. The applicant should comply with the directives/orders issued by the Board in this order and at all subsequent times without any negligence on his part. The applicant should be liable for such legal action against him as per provisions of the Law/Act in case of non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
12. The applicant should furnish to the visiting officer and / or the Board any information regarding the construction, installation or operation of the effluent treatment system / air pollution control equipment / secured storage area of Hazardous Waste and such other particulars as may be pertinent for preventing and controlling pollution.
13. The project is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
14. All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes should be followed.
15. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed.
16. The occupier should educate the workers and nearby public of possible accidents and remedial measures.
17. For any accident or spillage of hazardous wastes causing damage to the Environment, the occupier or the transporter as the case should be held responsible.
18. The occupier should prepare/update Emergency preparedness plan for safe handling of hazardous waste from time to time and submit the same to APPCB. Emergency preparedness plan must be implemented immediately whenever there is fire, explosion or release of hazardous waste or hazardous waste constituents, which could endanger to human health or environment.
19. Packaging, labeling and transportation of Hazardous Wastes should be in accordance with the provisions of the rules issued by the Central Govt. under the Motor Vehicles Act, 1988 and other guidelines issued from time to time. The packaging and labeling should be based on the composition and hazardous constituent of the waste, however all Hazardous Waste containers should be provided with a general label.
20. 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 (as given in the guidelines for management and handling of hazardous wastes) duly filled by the Hazardous Waste generator.
21. No Hazardous Wastes should be mixed with any other wastes or should be discharged to a common, other internal, external sewerage or other drainage system without prior approval of APPCB.
22. If MS/HDPE bags or drums are used for storing Hazardous Wastes, these drums / bags should be ensured that they are perfectly sealed.
23. The project should comply with the provisions of Batteries (Management & Handling) Rules, 2001.
24. The project should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate. The first sign board should provide information on specific conditions of CFO and Hazardous Waste Authorisation. The second sign board should display waste water, air emissions and solid waste generated within the factory premises.
25. The applicant should exhibit the Consent & HW Authorisation order of the Board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.
26. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves the right and powers under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 and its amendments thereof and under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and its amendments thereof to review 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.
27. The authorisation issued under Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008 and its amendments thereof, should comply with the provision of the Environment (Protection) Act, 1986.
28. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.



### SCHEDULE - B

1. The industry 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 backwash	15.0 KLD
2.	Boiler feed	30.0 KLD
3.	Cooling (Power plant)	615.0 KLD
4.	Softner / DM Plant	15.0 KLD
Total		675.0 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.
3. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board.
4. 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 <sup>3</sup>

5. 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, the ESP fails / tripping's are occurred.
6. The industry shall comply with ambient air quality standards of PM<sub>10</sub> (Particulate Matter size less than 10 µm) - 100 µg/ m<sup>3</sup>; PM<sub>2.5</sub> (Particulate Matter size less than 2.5 µm) - 60 µg/ m<sup>3</sup>; SO<sub>2</sub> - 80 µg/ m<sup>3</sup>; NO<sub>x</sub> - 80 µg/m<sup>3</sup>, 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).
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 vide letter dt.11.05.2014 submitted purchase orders for installation of two CAAQM stations. The industry shall install two CAAQM stations within one month and connect the data to the APPCB website. The industry shall submit compliance status of installation of CAAQM station to the RO, Kurnool.
9. The industry has developed greenbelt in an area of 13.5 Acres. The industry has submitted Action Plan to the Board on 11.05.2015 for development of Greenbelt in the remaining area of 11.25 Acres to achieve greenbelt in an area of 33% of total area i.e., 75 Acres allotted to Captive Power plant. The applicant has to develop greenbelt as indicated.

Sl.No.	Year	Greenbelt Area in Acres
1	2015-16	11.25 acres

10. The industry shall implement the above action plan for development of greenbelt and shall take proper measures for survival of the saplings planted.
11. The industry shall provide oil and grease removal system for removal of oil content from service water before its recycle, within one month.
12. The industry shall provide STP for treatment of domestic effluents for plant and colony within 6 months and submit the compliance to RO, Kurnool..
13. The industry shall provide digital flow meters with totalizer for waste water generation and treated waste water recycled, within 3 months and submit the compliance to RO, Kurnool..
14. The industry shall complete construction of concreted internal roads within 2 months as committed by the industry during the CFO Committee meeting held on 04.04.2015 and submit the compliance to RO, Kurnool.
15. The industry shall provide mechanical water spraying system all along the services roads to control the dust within 3 months and submit the compliance to RO, Kurnool.
16. All 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.

17. The industry shall provide closed shed for storage of coal and adequate dust containment / suppression measures shall be maintained to control fugitive emissions, within 2 months as committed by the industry during the CFO Committee meeting held on 04.04.2015 and submit the compliance to RO, Kurnool.
18. The industry shall store bed ash in silos only. Under any circumstances the industry shall not store bed ash openly in the premises.
19. The industry shall maintain good housekeeping in the plant premises.
20. 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.
21. The applicant shall submit Environment statement in Form V before 30<sup>th</sup> September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
22. The industry shall comply with directions issued by Board from time to time.
23. The conditions stipulated are without prejudice to the rights and contentions of this Board in any Hon'ble Court of Law.

**SCHEDULE - C**

**[See rule 5(4)]**

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

1. The industry should give top priority for waste minimization and cleaner production practices.
2. The industry should not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof.
3. The industry should store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.
4. The industry should not dispose Waste oils to the traders and the same should be disposed to the authorized Reprocessors/ Recyclers.
5. The industry should dispose Used Lead Acid Batteries to the manufacturers / dealers on buyback basis.
6. The industry should take necessary practical steps for prevention of oil spillages and carry over of oil from the premises.
7. The industry should maintain 6 copy manifest system for transportation of waste generated and a copy should be submitted to Board Office and concerned Regional Office.
8. The industry should maintain good house keeping & maintain proper records for Hazardous Wastes stated in Authorisation.
9. The industry should maintain proper records for Hazardous 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 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.
10. The industry should dispose of e-waste to the authorised recyclers only.
11. The unit should submit the condition wise compliance report of the conditions stipulated in Schedule A, B & C of this Authorisation on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

Sd/-  
MEMBER SECRETARY

To  
M/s. BMM Cements Limited,  
(25 MW Power Plant),  
Gudipadu (V), Yadiki (M),  
Anantapur District - 515 408

//T.C.F.B.O//

10000 27/5/15.  
JOINT CHIEF ENVIRONMENTAL ENGINEER  
UNIT HEAD - IV





## ANDHRA PRADESH POLLUTION CONTROL BOARD

Paryavarana Bhavan, A-III, Industrial Estate,  
Sanathnagar, Hyderabad-500 018  
Phone : 040-23887500, Website : www.appcb.ap.nic.in

### **AUTO RENEWAL OF CONSENT AND AUTHORIZATION ORDER FOR OPERATIONS**

In response to your application dated 05.03.2016 for Auto Renewal of Consent for operation and Authorisation Order, the Board is hereby extending validity period of Consent and Authorisation order given under sections 25/26 of the Water (Prevention and Control of Pollution) Act, 1974 and 21 of the Air (Prevention and Control of Pollution) Act, 1981 and Authorisation under Rule 5 of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008, issued vide Consent order No. APPCB/KNL/KNL/17731/CFO&HWM/HO/2015-913 date 21.05.2015 valid upto 31.05.2016 for further period of 5 (FIVE) years i.e., upto 31.05.2021.

REV. N. P. J. 22/3/16  
For A.P. POLLUTION CONTROL BOARD

Dated: 22.03.2016

To  
The Occupier  
M/s. BMM Cements Limited,  
(25 MW Power Plant),  
Gudipadu (V), Yadiki (M),  
Anantapur District - 515 408.

Copy to:

1. The JCEE, Zonal Office, Kurnool for information and necessary action.
2. The JCEE (Cess), APPCB, Hyderabad for information.
3. The Environmental Engineer, Regional Office, Kurnool for information and necessary action.



# ANDHRA PRADESH POLLUTION CONTROL BOARD

D.No.33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,  
Chalamavari Street, Kasturibaipet, Vijayawada - 520010

**Consent Amendment Order No : APPCB/KNL/KNL/17731/HO/CFO/2017 Dt.30.10.2017**

**Sub:** APPCB – CFO – BMM Cements Limited (Captive Power Plant), Gudipadu (V), Yadiki (M), Anantapur District – Change of industry name to M/s. Sagar Cements (R) Limited - Amendment to CFO &HWA Order – Issued – Reg.

**Ref:** 1. T.O. Consent Order No: APPCB/KNL/KNL/17731/CFO&HWA/HO/2015 dt.21.05.2015.  
2. Renewal of CFO & HWA through Auto renewal System on 22.03.2016  
3. Industry's letter dt.19.09.2017.  
4. RO, KNL Lr. No.168 APPCB/KNL/KNL/17731/ HO/CFO/2016-899 dt.09.10.2017.

\*\*\*

The Board in the reference 1<sup>st</sup> cited, issued combined CFO & HWA order to BMM Cements Limited, Gudipadu (V), Yadiki (M), Anantapur District for Electric Power Generation(Captive power generation) – 25 MW with validity period upto 31.05.2016 duly stipulating conditions.

In the reference 2<sup>nd</sup> cited, the Board has renewed consent & authorization through auto renewal system for a period of Five years ie., upto 31.05.2021.

The industry vide reference 3<sup>rd</sup> cited requested to issue an amendment to CFO &HWA order dt. 21.05.2015 & subsequent CFO & HWA auto renewal order dt. 22.03.2016 for change of name from M/s. BMM Cements Limited to M/s. Sagar Cements (R) Limited.

In the reference 4<sup>th</sup> cited, the Regional office, Kurnool submitted a report stating that M/s. BMM Cements Limited, was taken over by M/s. Sagar Cements Ltd., and the name has been changed from M/s. BMM Cements Limited to M/s. Sagar Cements (R) Limited from 28.03.2017. The industry submitted Certificate of incorporation issued by Ministry of Corporate Affairs, Govt. of India for change of name.

The Board after careful examination of the request of the industry and the report of EE, RO, Kurnool hereby issues following amendment to combined CFO&HWA Order dt.21.05.2015 (ref.1)and subsequent CFO & HWA auto renewal order dt. 22.03.2016 (ref.2) under Section 25/26 of the Water(Prevention & Control of Pollution) Act, 1974 under section 21 /22 of the Air (Prevention and Control of Pollution) Act, 1981 and amendments thereof & under Rule 6 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016 & Amendments thereof:

The name of the industry shall be read as.

**M/s. Sagar Cements (R) Limited,  
Gudipadu (V), Yadiki (M), Anantapur District.**

All other conditions stipulated in Schedules – A,B & C mentioned in combined CFO & HWA order dt. 21.05.2015(ref.1) & validity period stipulated in the CFO & HWA auto renewal order dt. 22.03.2016 (ref.2) remain same.

**Sd/-  
MEMBER SECRETARY**

**To  
M/s. Sagar Cements (R) Ltd.,  
(Captive Power Plant)  
Gudipadu (V), Yadiki (M),  
Anantapur District – 515408.  
Email: [honnursaheb@bmm.in](mailto:honnursaheb@bmm.in)**

**Copy to :**

1. The JCEE, Zonal Office, Kurnool for information and necessary action.  
The Environmental Engineer, Regional Office, Kurnool for information and necessary action.

**//T.C.F.B.O.//**  
  
**JOINT CHIEF ENVIRONMENTAL ENGINEER(FAC)**  
**(Unit Head – IV)**



**CONSENT & AUTHORISATION ORDER (Captive Power Plant -Fresh)  
BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE**

**Consent Order No:APPCB/KNL/KNL/17731/CFO&HWM/HO/2013 5938 Date: 24.12.2013**

*(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2008 & Amendments thereof).*

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof, and Authorisation under the provisions of HW (MH & TM) Rules, 2008 (hereinafter referred to as 'the Acts', 'the Rules') and amendments thereof and the rules and orders made there under to **M/s. BMM Cements Limited, (25 MW Power Plant), Gudipadu (V), Yadiki (M), Anantapur District-515408** E-mail : **honnursaheb@bmm.in** (hereinafter referred to as 'the Applicant /Industry') and the industry is authorized to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys, by operating pollution control equipment, as detailed below.

**i) Out lets for discharge of effluents:**

Outlet No.	Outlet Description	Max Daily Discharge KLD	Point of Disposal
1	Filter backwash - 15.0 KLD + Boiler blow down - 24.0 KLD + Cooling - 490.0 KLD + Softner / DM Plant - 15.0 KLD after treatment	544 KLD	Recycle back for cooling purpose.

**ii) Emissions from chimneys:**

Chimney No.	Description of Chimney
1.	Attached to Boiler of capacity 110 TPH

**iii) APPCB/KNL/KNL/17731/CFO&HWM/HO/2013: HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 5 (4)] of Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2008 & Amendments thereof.**

M/s. BMM Cement Limited, Gudipadu (V), Yadiki (M), Anantapur district is hereby granted an authorisation to operate a facility for collection, reception, storage, transport and disposal of the following wastes with quantities as below:

**• HAZARDOUS WASTES WITH RECYCLING OPTION:**

S. No.	Name of the Hazardous Waste	Stream	Quantity of Hazardous Waste	Disposal Option
1.	Waste oils	5.1 of Schedule-I	250 lt / annum	Authorized recyclers /re-processors

Continued... p/2



This consent order is valid for manufacture the following product with quantity indicated only:

Sl. No.	Products	Capacity
1	Power (Captive 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<sup>th</sup> Day of May, 2014.**

Sd/-  
MEMBER SECRETARY

To  
M/s. BMM Cements Limited (25 MW Power Plant),  
Gudipadu (V), Yadiki (M),  
Anantapur District.

//T.C.F.B.O //

  
CHIEF ENVIRONMENTAL ENGINEER (FAC)

**SCHEDULE - A**

1. The applicant shall make applications through online for renewal of Consent (under Water & Air Acts) and Authorisation under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorisation of the Board.
2. This order is issued in line with Board's **CFE order dated 09.08.2010**. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts. The industry shall also comply with the all the conditions mentioned in the **CFE issued vide Order No. 145/PCB/CFE/RO-KN/HO/2010-1192 dated 09.08.2010** to the industry for the above production activities, at operational stage, and this order is subject to the compliance of CFE conditions.
3. 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 such authority (hereinafter referred to as the 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.
4. The facility may explore the possibility of tapping the solar energy for their energy requirements.
5. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.

Continued... p/3



## SCHEDULE - B

1. The source of water is borewell and the maximum permitted water consumption for 25 MW Captive Power Plant is 2490 KLD.

S.No.	Source	Quantity
1.	Filter backwash	15.0 KLD
2.	Boiler Feed	30.0 KLD
3.	Cooling (Power plant)	2430.0 KLD
4.	Softner / DM Plant	15.0 KLD
	<b>Total</b>	<b>2490.0 KLD</b>

Total water consumption for domestic purpose /cement/clinker/power plant & cooling is 160 KLD as per CFE).

2. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board.
3. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No.	Parameter	Emission Standard
1	Particulate Matter	50 mg/Nm <sup>3</sup>

4. The industry shall comply with ambient air quality standards of PM<sub>10</sub> (Particulate Matter size less than 10µm) - 100 µg/ m<sup>3</sup>; PM<sub>2.5</sub> (Particulate Matter size less than 2.5 µm) - 60 µg/ m<sup>3</sup>; SO<sub>2</sub> - 80 µg/ m<sup>3</sup>; NO<sub>x</sub> - 80 µg/m<sup>3</sup>, 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).
5. The industry shall install Online Stack Monitoring System for raw mill & kiln, cooler, cement mill, coal mill, 110 TPH boiler within 3 months and connect the monitoring data to the APPCB website. The industry shall also install 3 CAAQMS and connect the data to the APPCB website within 6 months, as committed vide lr.dt.13.12.2013. If the industry fails to install the online monitoring systems, the next CFO renewal may not be considered.
6. The industry shall provide oil & grease removal system for removal of oil content from service water before its recycle, within 3 months, as committed vide lr.dt.13.12.2013.
7. The industry shall provide STP for treatment of domestic effluents for plant & colony within 6 months and Bank Guarantee towards construction of STP shall be submitted within 15 days at RO, Kurnool, as committed vide lr.dt.13.12.2013.
8. The industry shall provide flow meters with totalizer for recording water consumption for various purposes within 3 months, as committed vide lr.dt.13.12.2013.
9. The industry shall provide digital flow meters with totalizer for waste water generation and treated waste water recycled, within 3 months, as committed vide lr.dt.13.12.2013.
10. The industry shall complete construction of concreted internal roads within 3 months, as committed vide lr.dt.13.12.2013.
11. The industry shall store Coal in closed shed only, as committed vide lr.dt.13.12.2013.
12. The industry shall provide mechanical water spraying system all along the services roads to control the dust, as committed vide lr.dt.13.12.2013.
13. The industry shall earmark an amount of Rs. 28.9 lakhs per annum for 10 years towards the Enterprise Social Responsibility (ESR) activities and spend the amount in Local area in addition to amount mentioned in the CFO Order dt. 11.02.2013.

Continued...p/4



14. The industry shall provide separate energy meters for Air Pollution Control equipment and shall maintain records and report to the compliance to RO, Kurnool within a month.
15. All 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. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991, should be followed.
17. The conditions stipulated in this order are without prejudice to rights and contentions of this Board in any Hon'ble court of Law.

**SCHEDULE - C**

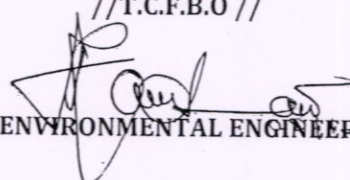
[see rule 5(4)]

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

1. The industry shall give top priority for waste minimization and cleaner production practices.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof. The industry shall maintain 6 copy manifest system for transportation of waste generated and copies of receipt of Consignee shall be submitted to the Concerned Regional office. The industry shall maintain proper records for Hazardous 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 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.
3. The industry shall dispose /sell the Hazardous Waste to only industries/agencies authorized by the State Pollution Control Boards. The industry shall verify the authorization of the Board given to the Party before disposing its waste to the External Party.
4. The industry shall maintain proper records for Hazardous Wastes disposal and its concurrence with authorization. In case of variation in generation, industry shall submit explanation and obtain amendment in Environmental Clearance/ CFE/CFO in this regard.
5. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal. Waste oils shall be disposed to the authorized Reprocessors/ Recyclers and Used Lead Acid Batteries shall be disposed to the manufacturers / dealers on buyback basis. The industry shall take necessary practical steps for prevention of oil spillages and carry over of oil from the premises. The industry shall check the Certificate/ Authorisation/order of MoEF issued to the Re-user/Recycle units while disposing the waste oil.
6. The industry shall dispose of e-waste to the authorised recyclers only.
7. The industry shall maintain good house keeping.
8. The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

Sd/-  
MEMBER SECRETARY

//T.C.F.B.O //

  
CHIEF ENVIRONMENTAL ENGINEER (FAC)