

Category of the Industry :

RED

CONSENT ORDER NO. 1908227835767 DATED: 27/12/2019.

PROCEEDINGS NO.T2/TNPCB/F.0023KAR/RL/KAR/A/2019 DATED: 27/12/2019

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT –M/s. M/S CHETTINAD CEMENT CORPORATION PRIVATE LIMITED, CEMENT PLANT , S.F.No. 1583,1586 TO 1593,1607 AND 1609, PULIYUR village, Karur Taluk and Karur District - Renewal of Consent for the operation of the plant and discharge of emissions under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) –Issued- Reg.

REF: 1) Board Proceedings No. T2/TNPCB/F.0023KAR/RL/KAR/W&A/2019 DATED: 25/06/2019
2) Unit's application for CTO-Renew submitted through OCMMS on 19/08/2019 and resubmitted in full shape on 26/09/2019.
3) JCEE's IR.No : F.0023KAR/RL/JCEE-M/KAR/2019 dated 11/09/2019.

RENEWAL OF CONSENT is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) (hereinafter referred to as "The Act") and the rules and orders made there under to

The Director

M/s.M/S CHETTINAD CEMENT CORPORATION PRIVATE LIMITED, CEMENT PLANT,
S.F.No. 1583,1586 TO 1593,1607 AND 1609,
PULIYUR village,
Karur Taluk,
Karur District.

Authorizing the occupier to operate the industrial plant in the Air Pollution Control Area as notified by the Government and to make discharge of emission from the stacks/chimneys.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending March 31, 2021

K.
Gokuladas
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by K. Gokuladas
Date: 2019.12.27
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**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
Product Details			
1.	Ordinary Portland Cement and Blended Cement	1.70	Million TPA

2. This renewal of consent is valid for operating the facility with the below mentioned emission/noise sources along with the control measures and/or stack. Any change in the emission source/control measures/change in stack height has to be brought to the notice of the Board and fresh consent/Amendment has to be obtained.

I Point source emission with stack :				
Stack No.	Point Emission Source	Air pollution Control measures	Stack height from Ground Level in m	Gaseous Discharge in Nm3/hr
01	VRM/KILN	REVERSE AIR BAG HOUSE (RABH)	45	
02	CLINKER COOLER	ESP with stack	15.0	
03	CEMENT MILL	BAG HOUSE - 1NO	44	
04	COAL MILL	BAG HOUSE - 1NO	39.55	
05	ELECTRONIC PACKER-1	BAG FILTER	25	
06	ELECTRONIC PACKER-2	BAG FILTER	25	
07	ELECTRONIC PACKER-3	BAG FILTER	28	
08	ELECTRONIC PACKER-4	BAG FILTER	28	
09	CLINKER TRANSFER POINT SILO 1	BAG FILTER	10	
10	CLINKER TRANSFER POINT SILO 2	BAG FILTER	10	
11	4320 KW GENERATOR	EXHAUST PIPE	25	
12	4320 KW GENERATOR	EXHAUST PIPE	25	
13	1000KW GENERATOR	EXHAUST PIPE	20	
14	CAPTIVE POWER PLANT BOILER	ESP with stack	81	
15	COAL CRUSHER (PRIMARY)	BAG FILTER	10	
16	COAL CRUSHER (SECONDARY))	BAG FILTER	10	
17	CEMENT MILL & ROLLER PRESS	BAG HOUSE - 1NO	50	
II Fugitive/Noise emission :				
Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures	
1.	LIME STONE STACKER/RECLAIMER AREA	Fugitive	WATER SPRINKLER -12 NOS	
2.	BAUXITE/IRON ORE YARD	Fugitive	WATER SPRINKLER -17 NOS	
3.	AROUND THE INSIDE ROAD	Fugitive	WATER SPRINKLER -37 NOS	
4.	LORRY PARKING AREA	Fugitive	WATER SPRINKLER -18 NOS	
5.	COAL YARD	Fugitive	WATER SPRINKLER -60 NOS	
6.	FLY ASH,GYPSUM AND SLAG YARD	Fugitive	WATER SPRINKLER -48 NOS	

7.	AROUND CPP	Fugitive	WATER SPRINKLER -16 NOS	
8.	Blending Silo Top	Fugitive	UNIT BAGFILTER	
9.	Blending Silo 1 Bin	Fugitive	UNIT BAGFILTER	
10.	Blending Silo 2 Bin	Fugitive	UNIT BAGFILTER	
11.	Clinker Stock Pile	Fugitive	UNIT BAGFILTER	
12.	Clinker Silo Top	Fugitive	UNIT BAGFILTER	
13.	Clinker Silo Pam Conveor	Fugitive	UNIT BAGFILTER	
14.	Clinker Hopper Top	Fugitive	UNIT BAGFILTER	
15.	Clinker Hopper Bottom	Fugitive	UNIT BAGFILTER	
16.	Cement Silo Top	Fugitive	UNIT BAGFILTER	
17.	Cement Elevator Transfer Point	Fugitive	UNIT BAGFILTER	
18.	Fine Lignite Hopper	Fugitive	UNIT BAGFILTER	
19.	Hopper Top	Fugitive	UNIT BAGFILTER	
20.	Weigh Feeder	Fugitive	UNIT BAGFILTER	
21.	Roller Press	Fugitive	UNIT BAGFILTER	
22.	Elevator and Prebin	Fugitive	UNIT BAGFILTER	
23.	Air Slides	Fugitive	UNIT BAGFILTER	
24.	Mill Aucillary	Fugitive	UNIT BAGFILTER	
25.	Fly Ash Bin	Fugitive	UNIT BAGFILTER	
26.	Cement Air Slides	Fugitive	UNIT BAGFILTER	
27.	Raw material Hopper	Fugitive	UNIT BAGFILTER	
28.	Ball Mill	Fugitive	UNIT BAGFILTER	

Additional Conditions:

1. The unit shall operate and maintain the Air Pollution Control measures efficiently and continuously so as to achieve the Ambient Air Quality/Emission standards prescribed by Board.
2. The unit shall ensure that the noise generated by the unit shall adhere to the Ambient Noise level standards prescribed by the Board
3. The unit shall maintain the online continuous stack monitoring system connected with Care Air Centre and online display board installed in the entrance of the unit efficiently
4. The unit ensure that the emission shall meet the emission standards as notified by MoEF&CC vide GSR 497(E) dated:10.5.2016.
5. The unit shall maintain and calibrate the online continuous stack monitoring system regularly so as to transmit the good quality data.
6. The unit shall ensure that calibration shall be done in frequent intervals to keep the analyser intact.
7. The unit shall send in advance to CAC, TNPC Board that testing is done on the day to avoid mis interpretation of exceedance and subsequent alert message receipt during injection of 4 to 20 milli amperes current value into the analyser.
8. The unit shall adhere to the CPCB Guidelines on fugitive emission control vide PROBES/118/2007, dated 06.07.2007.
9. The unit is permitted to use the following quantity of pet coke as feed stock or in the manufacturing process only
Pet coke quantity/ month-----10500T/Month
Pet coke quantity/ Annum-----1.26Lakhs T/annum.
Sources of Pet coke----- Imported (or) from refineries in India
Also to comply with the following conditions for import of Pet coke:
I. The industry is permitted to directly import pet coke and consignment shall be in the name of user industrial units for their own use only.
II. Import of pet coke for the purpose of trading shall not be permitted.
III. The Industry shall furnish opening and closing stock of imported Pet coke and consumption of the same to the TNPCB on a monthly basis.
IV. The Petcock shall be used in the cement Kiln only and it shall not be used for any other purpose.
10. The unit shall furnish the characteristics of pet coke in each consignment utilised in cement plant.
11. The unit shall continue to develop green belt more in and around the premises.
12. The unit shall install CAAQMS in the receptors like public school, temple, Health Care Facility etc.... in and around 10 km radius minimum six stations.
13. The unit shall utilise /enhance the usage of Alternate Fuels and Raw materials (AFR such as Plastic wastes, Hazardous wastes) for Co- processing/Co-incineration in Cement Kiln so as to improve the Thermal Substitution Ratio (TSR). Also the unit shall provide necessary infrastructure facilities such as feeding system, conveyor systems, etc., for co processing

K.
Gokuladas
For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

Digitally signed by
K. Gokuladas
Date: 2019.12.27
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To
The Director,
M/s.M/S CHETTINAD CEMENT CORPORATION PRIVATE LIMITED,CEMENT PLANT,
Rani Seethai Hall Building,IV&V Floors,603,Anna Salai, Chennai – 600 006,
Pin: 600006

Copy to:

- 1.The Executive Officer, PULIYUR-Town Panchayat, Karur Taluk, Karur District .
 2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, KARUR.
 3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Salem.
 4. File
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