

Category of the Industry :

RED

CONSENT ORDER NO. 2008230648927 DATED: 23/06/2020.

PROCEEDINGS NO.T2/TNPCB/F.0035TRY/RL/TRY/A/2020 DATED: 23/06/2020

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT –M/s. M/S. DHANDAPANI CEMENTS (P) LIMITED , S.F.No. 509/3, THATHAMANGALAM village, Mannachanallur Taluk and Thiruchirapalli 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.0035TRY/RL/TRY/W&A/2019 DATED: 03/07/2019
2) Unit's application for CTO-Renew submitted through OCMMS on 21/12/2019 and resubmitted on 22/02/2020.
3) JCEE's IR.No : F.0035TRY/RL/JCEE-M/TRY/2020 dated 22/02/2020

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 Managing Director
M/s.M/S. DHANDAPANI CEMENTS (P) LIMITED,
S.F.No. 509/3,
THATHAMANGALAM village,
Mannachanallur Taluk,
Thiruchirapalli 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

**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.	Cement (OPC & PPC)	900	Tons/Day

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
1	Raw Mill -I	Bag Filters	12.2	75
2	Raw Mill - II	Bag Filters	11.0	75
3	Raw Mill Blending silo	Bag Filters	24.9	50
4	Cement Mill - I	Bag Filters	12.8	75
5	Cement Mill -II	Bag Filters	12.8	75
6	Cement Storage silo	Bag Filters	25.9	50
7	DG Set 380KVA	Stack	9.5	100
8	Kiln	RABH	59.5	100
9	Clinker Cooler	ESP	55.2	100
10	Coal Mill	Bag Filters	55.1	100
11	Cement Mill Separator vent	Bag Filters	35.5	65
12	Packing House	Bag Filters	12.8	100
13	Clinker Conveyor to Hopper	Bag Filters	26.4	50
14	Clinker Silo Clinker Conveyor	Bag Filters	12.6	50
15	Limestone Screen and transfer point	Bag Filters	14.1	100
16	Raw Mill Silo bottom extraction system	Bag Filters	12.2	100
17	Limestone Separator to Hopper Transfer	Bag Filters	13.7	100
18	Raw Mill Storage Silo top	Bag Filters	67	50
19	Clinker Storage Silo Top	Bag Filters	28.5	50
II	Fugitive/Noise emission :			
Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures	
1.	Hauling Roads	Fugitive	concrete roads provided and cleaned daily	

Special Additional Conditions:

The unit shall install retrofit emission control device, with atleast 70% Particulate matter reduction efficiency on all DG sets with rated capacity more than 125 KVA installed within the industrial premises before 30.06.2020 or otherwise the unit should be shifting to gas based generators by employing new gas based generators. The retrofit emission control device should be tested from one of the five laboratories recognised by CPCB.

Additional Conditions:

1. The unit shall operate and maintain APC measures continuously and efficiently to achieve the AAQ/SM standards prescribed by TNPCB and on line connectivity devices shall be calibrated regularly.
2. The unit shall provide infra structure facilities to achieve the TSR of 10% during 2020-21 within 3 months as per the minutes of the meeting held on 7.11.2019 with all the Cement industries.
3. The unit shall obtain Authorisation immediately under Hazardous and other Waste(M&TM) Rules 2016, for the generation HW categorized under 5.1 and other RDF waste within a month.
4. The unit shall make MoU with the local bodies such as Kovilpatti, Kayalpattinam, Thoothukudi, Tirchendur taluks of Thoothukudi District within a month as prescribed in the minutes of the meeting held on 7.11.2019 with all the Cement industries.
5. The unit shall maintain and calibrate the online continuous monitoring system regularly so as to transmit good quality data to the CAC, TNPCB, Chennai.
6. The unit shall rectify the analyser provided to the parameter SO₂, NO_x from coal mill and provide continuous data to CAC, TNPCB within one month time.
7. The unit shall adhere to the CPCB Guidelines on fugitive emission control vide PROBES/118/2007, dated 06.07.2007.
8. The unit shall pave the entire area with concrete within one month time to contain the dust pollution.
9. The unit shall continue to develop green belt in and around the unit premises.
10. The unit shall not use 'use and throwaway plastics' such as plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises. Instead it shall encourage use of eco friendly alternative such as banana leaf, areca nut palm plate, stainless steel, glass, porcelain plates/cups, cloth bag, Jute bag etc.,
11. 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.
12. The unit shall install additional 2 nos. of Continuous Ambient Air Quality Monitoring System (CAAQMS) stations in the receptors like public school, temple, Health Care Facility etc. to monitor common/criteria pollutants from the flue gases such as PM₁₀, PM_{2.5}, SO₂, NO_x in the radius 10 to 15 km and shall connect to Care Air Centre, TNPCB.
13. The unit shall continue to develop green belt with native species of trees to attenuate the Air/Noise pollution.
14. The unit shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.II dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
15. The unit shall not use Poly propylene bags for packing of Cement.

**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

To
The Managing Director,
M/s.M/S. DHANDAPANI CEMENTS (P) LIMITED,
No.69, Ganapathy Nagar,
Thiruvannaikoil,
Trichy,
Pin: 620005

Copy to:

1. The Commissioner, MANACHANALLUR-Panchayat Union, Mannachanallur Taluk, Thiruchirapalli District
- .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, THIRUCHIRAPALLI.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Tiruchirappalli.
4. File
