



TAMILNADU POLLUTION CONTROL BOARD



CONSENT ORDER NO. 1908220944788

DATED: 31/07/2019.

PROCEEDINGS NO. T2/TNPCB/F.0030ARY/RL/ARY/A/2019 DATED: 31/07/2019

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT -M/s. THE RAMCO CEMENTS LIMITED - CEMENT PLANT , S.F.No. 7 PT, 8 PT, 9 PT, 10, 11, 12, 13, 14, 19, 22, 23 PT, 24, 25, 26 PT, 27 PT, 28 PT, 42, 44, 46, 406 PT, 412 PT, 413 PT, 414 PT, 415 PT, ALATHIYUR village, Sendurai Taluk and Ariyalur 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 proceeding No: T2/TNPCB/F.0030ARY/RL/ARY/W&A/2018 DATED: 19/02/2018.
2. Unit's application on 04.03.2019 and resubmitted on 23.05.2019.
3. JCEE(M)'s IR.No : F.0030ARY/RL/JCEE-M/ARY/2019 dated 16/03/2019.

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

Chairman

M/s. THE RAMCO CEMENTS LIMITED - CEMENT PLANT,

S.F.No. 7 PT, 8 PT, 9 PT, 10, 11, 12, 13, 14, 19, 22, 23 PT, 24, 25, 26 PT, 27 PT, 28 PT, 42, 44, 46, 406 PT, 412 PT, 413 PT, 414 PT, 415 PT,

ALATHIYUR village,

Sendurai Taluk,

Ariyalur 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

Digitally signed by K.
Gokuladas
Date: 2019.08.02
12:23:10 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

POLLUTION PREVENTION PAYS



TAMILNADU POLLUTION CONTROL BOARD

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 & PORTLAND POZZALANA CEMENT	254200	TPM
By-Product Details			
1.	NO BY PRODUCT	0	
Intermediate Product Details			
1.	CLINKER - 2 KILNS X 3700 TPD	2.52	MTPA

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.



TAMILNADU POLLUTION CONTROL BOARD

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 Nm ³ /hr
1	LINE-1 KILN/RAW MILL	BAG HOUSE WITH STACK	100	615000
2	LINE-1 COAL MILL	Bag Filters with stack	52.5	143040
3	LINE-1 COOLER	ESP with stack	40	340000
4	LINE-1 CEMENT MILL	Bag Filters with stack	80	625000
5	PACKING PLANT PACKER-1	Unit Bag Filter	35	39000
6	LINE-1 REJECT HANDLING	Unit Bag Filter	3.5	16500
7	LINE-1 RAWMEAL SILO TOP	Unit Bag Filter	4.0	15000
8	LINE-1 FINE COAL BINS VENTING-1	Unit Bag Filter	7.0	5100
9	LINE-1 FINE COAL BINS VENTING-2	Unit Bag Filter	7.0	5100
10	LINE-1 FINE COAL BINS VENTING-3	Unit Bag Filter	7.0	5100
11	LINE-1 CALIBRATION BIN VENTING	Unit Bag Filter	2.0	9900
12	LINE-1 SOLID FLOW METER	Unit Bag Filter	2.5	9900
13	LINE-1 KILN FEED PREHEATER TOP	Unit Bag Filter	3.0	9900
14	LINE-1 COOLER DISCHARGE	Unit Bag Filter	1.5	10500
15	CLINKER SILO-1 TOP	Unit Bag Filter	2.5	5100
16	LINE-1 COAL ASH BIN	Unit Bag Filter	17	7800
17	LINE-1 CEMENT SILO TOP	Unit Bag Filter	3.0	9900
18	LINE-1 REJECT HANDLING	Unit Bag Filter	3.5	16500
19	LINE-1 SILO ELEVATOR BOOT	Unit Bag Filter	3.0	16500
20	LINE-1 FLY ASH SILO TOP	Unit Bag Filter	4.0	10200
21	UNLOADING HOPPER-1	Unit Bag Filter	3.0	40500
22	UNLOADING HOPPER-2	Unit Bag Filter	3.0	40500
23	LINE-1 SILO BOTTOM	Unit Bag Filter	3.0	5100
24	LINE-1 SILO TO BELT DISCHARGE	Unit Bag Filter	2.5	9900
25	LINE-1 SCREEN	Unit Bag Filter	2.5	16500
26	LINE-1 KILN FEED EXTRACTION	Unit Bag Filter	1.0	9900
27	CLINKER SILO-3 TOP	Unit Bag Filter	1.5	12000

POLLUTION PREVENTION PAYS



TAMILNADU POLLUTION CONTROL BOARD

28	CLINKER TRUCK LOADING	Unit Bag Filter	3.0	41760
29	CEMENT BULK LOADING	Unit Bag Filter	1.5	10500
30	6 MW GENSET-1	Stack	35	59400
31	6 MW GENSET-2	Stack	35	59400
32	380 KVA DG	Stack	2.5	4100
33	LINE-2 KILN/RAW MILL	BAG HOUSE WITH STACK	100	615000
34	LINE-2 COAL MILL	Bag Filters with stack	45	143040
35	LINE-2 COOLER	ESP with stack	36	340000
36	LINE-2 CEMENT MILL	Bag Filters with stack	90	625000
37	PACKING PLANT PACKER-2	Unit Bag Filter	35	39000
38	LINE-2 REJECT HANDLING	Unit Bag Filter	3.5	30000
39	LINE-2 RAWMEAL SILO TOP	Unit Bag Filter	4.0	12000
40	LINE-2 FINE COAL BINS VENTING-1	Unit Bag Filter	6.0	5100
41	LINE-2 FINE COAL BINS VENTING-2	Unit Bag Filter	6.0	5100
42	LINE-2 FINE COAL BINS VENTING-3	Unit Bag Filter	6.0	5100
43	LINE-2 CALIBRATION BIN VENTING	Unit Bag Filter	2.5	7500
44	LINE-2 SOLID FLOW METER	Unit Bag Filter	2.5	7500
45	LINE-2 KILN FEED PREHEATER TOP	Unit Bag Filter	1.5	15000
46	LINE-2 COOLER DISCHARGE	Unit Bag Filter	3.25	7500
47	TRANSFER TOWER	Unit Bag Filter	3.0	7500
48	CLINKER SILO-2 TOP	Unit Bag Filter	2.5	5100
49	LINE-2 FLYASH BIN	Unit Bag Filter	2.5	40500
50	LINE-2 CEMENT SILO TOP	Unit Bag Filter	3.0	16500
51	LINE-2 REJECT HANDLING	Unit Bag Filter	3.5	40500
52	LINE-2 SILO ELEVATOR BOOT	Unit Bag Filter	3.0	12000
53	LINE-2 FLY ASH SILO TOP	Unit Bag Filter	4.0	10500
54	UNLOADING HOPPER-1	Unit Bag Filter	3.0	40500
55	UNLOADING HOPPER-2	Unit Bag Filter	3.0	40500
56	LINE-2 SILO BOTTOM	Unit Bag Filter	3.0	10500
57	LINE-2 SILO TO BELT DISCHARGE	Unit Bag Filter	2.5	10500
58	LINE-2 SCREEN	Unit Bag Filter	2.5	16500



TAMILNADU POLLUTION CONTROL BOARD

59	LINE-2 COAL ASH BIN	Unit Bag Filter	2.0	7800
60	LINE-2 CEMENT MILL CLINKER HOPPER TOP	Unit Bag Filter	1.0	16500
61	WAGON TIPLER CRUSHER	Unit Bag Filter	4.0	55000
62	PACKING PLANT PACKER-3	Unit Bag Filter	35	40500
63	PACKER-3 AUXILIARIES	Unit Bag Filter	11.0	16500
64	LINE-2 CLINKER DPC TOP	Unit Bag Filter	17	3500
65	LINE-2 CEMENT MILL ELEVATOR TO AIRSLIDE	Unit Bag Filter	3.0	2000
66	PACKING PLANT PACKER-4	Unit Bag Filter	22.3	46000
67	PACKER-4 AUXILIARIES	Unit Bag Filter	21.7	11500
68	CSR Belt Venting	Unit Bag Filter	7.0	3000
69	Line-1 Flyash Bin Venting	Unit Bag Filter	30	3300
70	Clinker Silo-3 Extraction DPC -4 Venting	Unit Bag Filter	5.0	2200
71	Clinker Silo-3 Extraction DPC -5 Venting	Unit Bag Filter	5.0	2200
72	Clinker Silo-3 Extraction DPC -6 Venting	Unit Bag Filter	5.0	2200
73	4 MW Genset	Stack	35	39600
74	725 KVA DG	Exhaust Duct	6.0	7524

II Fugitive/Noise emission :

Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures
1.	INSIDE PLANT ROADS	Fugitive	ROAD SWEEPING M/C-2 Nos.& TRUCK MOUNTED M/C - 1 No
2.	HEAVY VEHICLE MOVEMENT ROADS	Fugitive	Water sprinkler system
3.	COAL TIPLER & COAL BELT TRANSFER POINTS	Fugitive	DUST SUPPRESSION SYSTEM/DRY FOGGING SYSTEM
4.	COMPRESSORS	Noise	ACCOUSTIC ENCLOSURES

POLLUTION PREVENTION PAYS



TAMILNADU POLLUTION CONTROL BOARD

Additional Conditions:

1. The unit shall operate and maintain the Air Pollution Control measures continuously and efficiently so as to achieve the revised Ambient Air Quality/Emission standards prescribed by Board.
2. The unit shall maintain the online stack and ambient monitoring systems connected with Care Air Centre and online display board installed in the entrance of the unit efficiently.
3. The unit ensure that the emission shall meet the emission standards as Notified by MoEF&CC vide GSR 497(E) dated:10.5.2016.
4. 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 Pet coke quantity/ Annum Sources of Pet coke
22,000 MT/Month 2.64 Lakhs MT/Annum Imported (or) from refineries in India
Also 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.
5. The unit shall furnish the characteristics of pet coke in each consignment utilised in cement plant.
6. The unit shall comply with CPCB guidelines on fugitive emission control.
7. The unit shall utilize / 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.
8. The unit shall install continuous ambient air quality monitoring stations with respect to ground level concentration around 25 km radius from the unit premises and furnish the AAQ monitoring reports to TNPCB regularly.
9. The unit shall maintain good housekeeping.
10. The unit shall continue to develop green belt in and around the premises.
11. The unit shall furnish exact greenbelt area earmarked/developed as per norms in the unit premises and furnish photographs along with Latitude and Longitude co-ordinates.
12. 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, arecanut palm plate, stainless steel, glass, porcelain plates/cups, cloth bag, Jute bag etc.,

K. Gokuladas
Digitally signed by K. Gokuladas
Date: 2019.08.02 12:23:55 +0530
For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To
Chairman,
M/s. THE RAMCO CEMENTS LIMITED - CEMENT PLANT,
ALATHIYUR WORKS, P.A.C.RAMASAMYRAJA NAGAR, CEMENT NAGAR POST,
Pin: 621730

Copy to:

1. The Commissioner, SENTHURAI-Panchayat Union, Sendurai Taluk, Ariyalur District.
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, ARIYALUR.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Triuchirappalli.
4. File