



# TAMILNADU POLLUTION CONTROL BOARD



Category of the Industry :

RED

CONSENT ORDER NO. 1908221999639 DATED: 11/10/2019.

PROCEEDINGS NO.T2/TNPCB/F.0023ARY/RL/ARY/A/2019 DATED: 11/10/2019

**SUB:** Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT -M/s. THE RAMCO CEMENTS LIMITED (CEMENT PLANT) , S.F.No. 238, 239, 241, 242, 246, 247, 248, 249, 250, 251, 252, 253, 258, 259, 260, 261, 262, 265, 269, 270, 271, 275, 276, 277, 278, 282, 284, 286, 287, 289, 290, 291, 292, 295, 298, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 323, 324, 327, 328, 333, 334, 337, 522, 523, 524, 525, 528, 535, 561, 563, 564, 565, 624, 625, 738, THEIR PARTS OF GOVINDAPURAM VILLAGE AND 41, 42, 43, 44, 45 THEIR PARTS OF AMEENABATH VILLAGE, GOVINDAPURAM village, Ariyalur 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.0023ARY/RL/ARY/W&A/2018 DATED: 19/02/2018.  
2. Unit's application on 15.03.2019 and resubmitted on 13.05.2019.  
3. JCEE(M)'s IR.No : F.0023ARY/RL/JCEE-M/ARY/2019 dated 23/04/2019.  
4. Board proceeding No: T2/TNPCB/F.0023ARY/RL/ARY/W&A/2019 DATED: 31/07/2019.

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 AND MANAGING DIRECTOR

M/s. THE RAMCO CEMENTS LIMITED (CEMENT PLANT),

S.F.No. 238, 239, 241, 242, 246, 247, 248, 249, 250, 251, 252, 253, 258, 259, 260, 261, 262, 265, 269, 270, 271, 275, 276, 277, 278, 282, 284, 286, 287, 289, 290, 291, 292, 295, 298, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 323, 324, 327, 328, 333, 334, 337, 522, 523, 524, 525, 528, 535, 561, 563, 564, 565, 624, 625, 738, THEIR PARTS OF GOVINDAPURAM VILLAGE AND 41, 42, 43, 44, 45 THEIR PARTS OF AMEENABATH VILLAGE,  
GOVINDAPURAM village,  
Ariyalur 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**

**POLLUTION PREVENTION PAYS**



**TAMILNADU POLLUTION CONTROL BOARD**

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

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by K. Gokuladas  
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## 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
<b>Product Details</b>			
1.	Ordinary Portland Cement, Portland Pozzalona Cement and Slag Cement	5.50	MTPA
<b>Intermediate Product Details</b>			
1.	Clinker	3.25	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 <sup>3</sup> /hr
1	Kiln/Raw Mill-1	Reverse Air Bag House	115	700000
2	Coal Mill - 1	Bag Filters with stack	55	75000
3	Cooler - 1	ESP with stack	50	225000
4	Cement Mill - 1	Bag Filters with stack	55	335000
5	Raw Mill Reject Handling Line -1	Unit Bag Filter	4	25000
6	Raw Meal Silo	Unit Bag Filter	3	25000
7	Fine Coal Bins Venting Line -1	Unit Bag Filter	4	6000
8	Fine Coal Bins Venting Line -1	Unit Bag Filter	4	6000
9	Fine Coal Bins Venting Line -1	Unit Bag Filter	4	6000
10	Calibration Bin Venting Line -1	Unit Bag Filter	4	15000
11	Solid Flow Meter	Unit Bag Filter	3	10000
12	Kiln Feed Preheater Top Line - 1	Unit Bag Filter	4	10000
13	Cooler Discharge Line - 1	Unit Bag Filter	4	10000
14	Clinker Silo Top Line - 1	Unit Bag Filter	4	10000
15	Fly Ash Bin	Unit Bag Filter	4	6000
16	Cement Silo Top - 6 Nos	Unit Bag Filter	4	7500
17	Cement Mill Reject Handling	Unit Bag Filter	4	10000
18	Silo Elevator Boot	Unit Bag Filter	4	10000
19	Fly Ash Silo Top - 2 Nos	Unit Bag Filter	4	15000
20	Unloading Hopper - 1	Unit Bag Filter	4	30000
21	Unloading Hopper - 2	Unit Bag Filter	4	30000
22	Silo Bottom - 2 Nos	Unit Bag Filter	3	5000
23	Silo to Belt Discharge - 4 Nos	Unit Bag Filter	3	16000
24	Screen & Packing Plant - 4 Nos	Unit Bag Filter	3	34000
25	D.G.Set - 1000KVA	Stack	12	
26	D.G.Set - 1000KVA	Stack	12	
27	D.G.Set - 6MW	Stack	30	
28	D.G.Set - 4MW	Stack	29	
29	D.G.Set - 4MW	Stack	30	
30	Fly Ash Drier	Bag Filters with stack	52	11000
31	Additive yard Crusher house	Unit Bag Filter	4	30000

**POLLUTION PREVENTION PAYS**



## TAMILNADU POLLUTION CONTROL BOARD

32	Coal Mill Screen and Crusher Line -1	Unit Bag Filter	4	15000
33	Clinker Hopper Top Line - 1	Unit Bag Filter	5	15000
34	Clinker Hopper Bottom Line - 1	Unit Bag Filter	4	15000
35	Packing Plant Bulk Loading Venting	Unit Bag Filter	5	10000
1	Kiln / Raw Mill Line - 2	Reverse Air Bag House	142	900000
2	Coal Mill - 2	Bag Filters with stack	60	100000
3	Cooler Line -2	ESP with stack	45	325000
4	Cement Mill Line - 2	Bag Filters with stack	65	310000
5	Raw Mill Reject Handling Line - 2	Unit Bag Filter	4	25000
6	Raw Meal Silo Line - 2	Unit Bag Filter	3	15000
7	Fine Coal Bin Venting Line - 2	Unit Bag Filter	3	6000
8	Fine Coal Bin Venting Line - 2	Unit Bag Filter	3	6000
9	Fine Coal Bin Venting Line - 2	Unit Bag Filter	3	6000
10	Calibration Bin Venting Line - 2	Unit Bag Filter	3	15000
11	Solid Flow Meter Line - 2	Unit Bag Filter	3	10000
12	Kiln Feed Preheater Top Line - 2	Unit Bag Filter	3	10000
13	Cooler Discharge Line - 2	Unit Bag Filter	3	6000
14	Clinker Silo Top Line - 2 (2 Nos)	Unit Bag Filter	4	10000
15	Lime Stone Crusher	Bag Filters with stack	20	60000
16	Raw Mill Drag Chain Platform Line - 2	Unit Bag Filter	6	15000
17	Kiln Dozing Hopper Line -2	Unit Bag Filter	5	10000
18	Venting Bag Filter for Ball Mill Line -2	Unit Bag Filter	5	40000
19	Clinker Hopper Top - Line - 2	Unit Bag Filter	5	25000
20	Cement Mill Silo Feed Elevator Line - 2	Unit Bag Filter	5	15000
<b>II</b>	<b>Fugitive/Noise emission :</b>			
<b>Sl. No.</b>	<b>Fugitive or Noise Emission sources</b>	<b>Type of emission</b>	<b>Control measures</b>	

**POLLUTION PREVENTION PAYS**



## **TAMILNADU POLLUTION CONTROL BOARD**

### **Additional Conditions:**

1. The consent order issued vide Board proceeding dated 31/07/2019 (cited under reference fourth) under both Acts are cancelled and recorded.
2. 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.
3. The unit shall maintain and calibrate the online continuous stack monitoring system regularly so as to transmit the good quality data.
4. The unit shall adhere to the CPCB Guidelines on fugitive emission control vide PROBES/118/2007, dated 06.07.2007.
5. The unit shall continue to develop green belt more in and around the premises.
6. 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.
7. The unit is permitted to use the following quantity of pet coke as feed stock or in the manufacturing process only to use pet coke as feed stock for the consumption on monthly basis at - 27,500 MT/Month and on annual basis at around - 3.30 Lakhs MT/Annum 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.
8. 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.
9. 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
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.,

K.

**Gokuladas**

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by K. Gokuladas  
Date: 2019.10.14  
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**For Member Secretary,  
Tamil Nadu Pollution Control Board,  
Chennai**

To  
CHAIRMAN AND MANAGING DIRECTOR,  
M/s.THE RAMCO CEMENTS LIMITED (CEMENT PLANT),  
GOVINDAPURAM WORKS, SENDURAI ROAD, ARIYALUR,  
Pin: 621713

### **Copy to:**

1. The Commissioner, ARIYALUR-Panchayat Union, Ariyalur 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