



TAMILNADU POLLUTION CONTROL BOARD



CONSENT ORDER NO. 1908221758664

DATED: 06/08/2019.

PROCEEDINGS NO.T2/TNPCB/F.0048ARY/RL/ARY/A/2019

DATED: 06/08/2019

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT –M/s. DALMIA CEMENT (BHARAT) LIMITED, CEMENT PLANT , S.F.No. S.F.No. 9,10,11,12, etc of Palinganatham Village and S.F.No. 273/13C5, 284/1,2, 285A/8,9,10,11,12 of Kallakudi Village, PALINGANATHAM 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 Proceedings No. T2/TNPCB/F.0048ARY/RL/ARY/W&A/2018 DATED: 14/12/2018
2) Unit's application for CTO-Renew submitted through OCMMS on 13/03/2019 and resubmitted in full shape on 23/05/2019.
3) JCEE's IR.No : F.0048ARY/RL/JCEE-M/ARY/2019 dated 12/04/2019.

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 Deputy Managig Director
M/s.DALMIA CEMENT (BHARAT) LIMITED, CEMENT PLANT,
S.F.No. S.F.No. 9,10,11,12, etc of Palinganatham Village and S.F.No. 273/13C5, 284/1,2, 285A/8,9,10,11,12 of Kallakudi Village,
PALINGANATHAM 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

K.

Gokuladas

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

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Date: 2019.08.08 15:31:46 +05'30'



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.	Cement	3.4	MTPA
Intermediate Product Details			
1.	Clinker	2.304	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 Nm³/hr
1	Line-1 Kiln/Raw Mill	Bag Filters with stack	72	550000
2	Line-1 Coal Mill	Bag Filters with stack	35.8	100000
3	Line-1 Cooler	ESP with stack	30	320000
4	Cement Vertical Roller Mill-1	Bag Filters with stack	67.18	450000
5	Line-2 Kiln/Raw Mill	Bag Filters with stack	130	830000
6	Line-2 Coal Mill	Bag Filters with stack	130	220000
7	Line-2 Cooler	ESP with stack	50	465798
8	Cement Vertical Roller Mill-II	Bag Filters with stack	89	753000
9	Roto Packer-1	Bag Filters with stack	30	45000
10	Roto Packer-2	Bag Filters with stack	37	45000
11	Roto Packer-3	Bag Filters with stack	39	28000
12	Roto Packer-3 Aux	Bag Filters with stack	39	28000
13	Roto Packer-4	Bag Filters with stack	39	28000
14	Roto Packer-4 Aux	Bag Filters with stack	39	28000
15	Roto Packer-5	Bag Filters with stack	39	28000
16	Roto Packer-5 Aux	Bag Filters with stack	39	28000
17	Lime Stone Crusher	Bag Filters with stack	22.5	75000
18	Cement Mill II & III	Bag Filters with stack	42	125000
19	2.5 MVA Genset 6 R 321	Stack	16.8	
20	2.5 MVA Genset 6 R 322	Stack	16.8	
21	2.5 MVA Genset 6 R 323	Stack	16.8	
22	5 MVA Genset 12 V 321	Stack	16.8	
23	Line-1 Raw meal Silo-1 Top	Bag filter		
24	Line-1 Raw meal Silo-2 Top	Bag filter		
25	Line-1 Raw meal Silo-1 bottom	Bag filter		
26	Line-1 Raw meal Silo-2 bottom	Bag filter		
27	Line-1 Kiln feed bin	Bag filter		
28	Line-1 DDC Feed Bin	Bag filter		

TAMILNADU POLLUTION CONTROL BOARD

29	Line-1 DPC Discharge End-1	Bag filter		
30	Line-1 DPC Discharge End-2	Bag filter		
31	Line-1 Clinker Silo Top	Bag filter		
32	Line-1 Kiln feed bucket elevator top	Bag filter		
33	Line-1 Coal bin-1	Bag filter		
34	Line-1 Coal bin-2	Bag filter		
35	Line-1 Coal bin-3	Bag filter		
36	Line-1 Bin 3 Vent at 8.1 Mtr	Bag filter		
37	Line-1 Clinker Silo Extraction	Bag filter		
38	Line-1 PA3 to PA4 Clinker Transfer Point	Bag filter		
39	Line-1 CVRM-1 Hopper Discharge	Bag filter		
40	Line-1 CVRM-1 Mill feed belt	Bag filter		
41	Line-1 CVRM-1 DFA bin	Bag filter		
42	Line-1 Old Cement Silo Top	Bag filter		
43	Line-1 New 4 Comp. Cement Silo Top	Bag filter		
44	Line-1 DD Silo Top	Bag filter		
45	Line-1 DD Silo Bottom	Bag filter		
46	Line-1 Roto pactor	Bag filter		
47	Line-1 Roto pactor at 5th floor	Bag filter		
48	Line-1 H& B Packing Plant	Bag filter		
49	Line-1 Cement Bulker Loading	Bag filter		
50	Line-1 Coal Mill Building Top	Bag filter		
51	Line-1 CM5	Bag filter		
52	Line-1 Near Crusher-3 Tower	Bag filter		
53	Line-2 Raw mill buffer hopper	Bag filter		
54	Line-2 Raw mill Reject handling	Bag filter		
55	Line-2 Raw meal Transport Eqpt.	Bag filter		
56	Line-2 Raw meal Silo top	Bag filter		
57	Line-2 Raw meal Silo Bottom	Bag filter		
58	Line-2 Kiln feed Elevator bottom	Bag filter		
59	Line-2 Kiln feed Elevator top	Bag filter		

60	Line-2 Cooler ESP Discharge	Bag filter		
61	Line-2 Off Spec Silo top	Bag filter		
62	Line-2 Clinker Silo top	Bag filter		
63	Line-2 Clinker Silo Extraction	Bag filter		
64	Line-2 Coal Crusher top	Bag filter		
65	Line-2 Top of Raw Coal hopper	Bag filter		
66	Line-2 Coal Screen Crusher top	Bag filter		
67	Line-2 Coal bin-1	Bag filter		
68	Line-2 Coal bin-2	Bag filter		
69	Line-2 Coal bin-3	Bag filter		
70	Line-2 Carbon black feeding-1	Bag filter		
71	Line-2 Carbon black feeding-2	Bag filter		
72	Line-2 PA3 Clinker Discharge	Bag filter		
73	Line-2 Clinker hopper top	Bag filter		
74	Line-2 Clinker Apron feeder discharge	Bag filter		
75	Line-2 Hopper building BC1 to BC2 transfer point	Bag filter		
76	Line-2 Dry Fly ash bin at CVRM-2	Bag filter		
77	Line-2 CVRM2 Reject handling	Bag filter		
78	Line-2 Cement Silo feed elevator boot	Bag filter		
79	Line-2 Clinker Manual feeding	Bag filter		
80	Line-2 Cement Silo-1 top	Bag filter		
81	Line-2 Cement Silo-2 top	Bag filter		
82	Line-2 Cement Silo-3 top	Bag filter		
83	Line-2 Cement Silo-4 top	Bag filter		
84	Line-2 Dry Fly Ash Silo Top	Bag filter		
85	Line-2 Dry fly Ash Silo Extraction	Bag filter		
86	Line-2 DFA Silo Elevator boot	Bag filter		
87	Line-2 Top of DFA hoppers-Control bin top	Bag filter		
88	Line-2 Cement Bulker Loading	Bag filter		
89	Line-2 Thermic fluid heating system	Stack	18	
II	Fugitive/Noise emission :			



TAMILNADU POLLUTION CONTROL BOARD

Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures
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TAMILNADU POLLUTION CONTROL BOARD

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/Emissions/Ambient Noise level standards prescribed by the Board.
2. The unit shall maintain and calibrate the online continuous stack monitoring system regularly so as to transmit the good quality data to Care Air Centre.
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 shall adhere to the CPCB Guidelines on fugitive emission control vide PROBES/118/2007, dated 06.07.2007.
5. 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
6. The unit shall continue to develop green belt more in and around the premises.
7. The unit shall furnish exact green belt area earmarked developed as per norms in the unit premises and furnish photographs along with latitude and longitude co-ordinates.
8. The unit shall not use 'use and throwaway plastics' such as plastic sheets used for food wrapping, spreading in 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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Gokuladas
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**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

To
The Deputy Managig Director,
M/s.DALMIA CEMENT (BHARAT) LIMITED, CEMENT PLANT,
Palinganatham Village, Ariyalur Taluk & District,
Pin: 621651

Copy to:

1. The Commissioner, THIRUMANOOR-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
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CONSENT ORDER NO. 1908121758664

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PROCEEDINGS NO.T2/TNPCB/F.0048ARY/RL/ARY/W/2019

DATED: 06/08/2019

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT – M/s. DALMIA CEMENT (BHARAT) LIMITED, CEMENT PLANT , S.F.No. S.F.No. 9,10,11,12, etc of Palinganatham Village and S.F.No. 273/13C5, 284/1,2, 285A/8,9,10,11,12 of Kallakudi Village, PALINGANATHAM village, Ariyalur Taluk and Ariyalur District - Renewal of Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued- Reg.

REF: 1) Board Proceedings No. T2/TNPCB/F.0048ARY/RL/ARY/W&A/2018 DATED: 14/12/2018
2) Unit's application for CTO-Renew submitted through OCMMS on 13/03/2019 and resubmitted in full shape on 23/05/2019.
3) JCEE's IR.No : F.0048ARY/RL/JCEE-M/ARY/2019 dated 12/04/2019.

RENEWAL OF CONSENT is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as "The Act") and the rules and orders made there under to

The Deputy Managig Director

M/s.DALMIA CEMENT (BHARAT) LIMITED, CEMENT PLANT,

S.F.No. S.F.No. 9,10,11,12, etc of Palinganatham Village and S.F.No. 273/13C5, 284/1,2, 285A/8,9,10,11,12 of Kallakudi Village,

PALINGANATHAM Village ,

Ariyalur Taluk ,

Ariyalur District .

Authorising the occupier to make discharge of sewage and /or trade effluent.

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

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Date: 2019.08.08

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



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SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct 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	3.4	MTPA
Intermediate Product Details			
1.	Clinker	2.304	MTPA

2. This renewal of consent is valid for operating the facility with the below mentioned outlets for the discharge of sewage/trade effluent. Any change in the outlets and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
Effluent Type : Sewage			
1.	Sewage	349.0	On land for gardening
Effluent Type : Trade Effluent			
1.	Trade Effluent	277.0	Utilized as cooling water makeup, clinker cooler spray and cement mill spray



TAMILNADU POLLUTION CONTROL BOARD

Additional Conditions:

1. The unit shall operate and maintain the STP and ETP efficiently and continuously to achieve the standards prescribed by the Board.
2. 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.

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K. Gokuladas

Gokuladas

Date: 2019.08.08
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**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

To

The Deputy Managig Director,
M/s.DALMIA CEMENT (BHARAT) LIMITED, CEMENT PLANT,
Palinganatham Village, Ariyalur Taluk & District,
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