



TAMIL NADU POLLUTION CONTROL BOARD

Category of the Industry :

RED

CONSENT ORDER NO. 2308245948364 DATED: 24/04/2023.

PROCEEDINGS NO.T6/TNPCB/F.0118TTN/RL/TTN/A/2023 DATED: 24/04/2023

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT –M/s. V.O.CHIDAMABARANAR PORT AUTHORITY , S.F.No. 340/2 341/2 342/2 343/2 344/2 345/2 346/2 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 790 400/1 400/2 400/3 401 402/1 402/2 402/3 403/1 403/2 403/3 404 405 406 407 408 409 410 411 412 413/1B of Mullakkadu Village & 392/1 392/2 392/3 393 & 394 of Tuticorin Village, MULLAKKADU PART 1 village, Thoothukkudi Taluk and Thoothukkudi 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's Proceedings No. T1/TNPCB/F.0118TTN/RL/TTN/A/2018 Dated 16.11.2018
2. Unit's Application No: 45948364 Dated 27.12.2022
3. DEE, Thoothukkudi's IR No: F.0118TTN/RL/DEE/TTN/2023 Dated 27.03.2023

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.V.O.CHIDAMABARANAR PORT AUTHORITY,

S.F.No. 340/2 341/2 342/2 343/2 344/2 345/2 346/2 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 790 400/1 400/2 400/3 401 402/1 402/2 402/3 403/1 403/2 403/3 404 405 406 407 408 409 410 411 412 413/1B of Mullakkadu Village & 392/1 392/2 392/3 393 & 394 of Tuticorin Village,
MULLAKKADU PART 1 village,
Thoothukkudi Taluk,
Thoothukkudi 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, 2028

**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.	Details of Berths and products handled Berth No I – Construction Materials, Raw Cashew, Palm Oil, Steel Plants, Granite, Timber Berth No II – Construction Materials, Raw Cashew, Palm Oil, Steel Plants, Granite, Timber Berth No III - Industrial Coal, Rock Phosphate, Copper Concentrate, Limestone, Pet Coke, Granite, Timber Berth No IV - Industrial Coal, Rock Phosphate, Copper Concentrate, Limestone, Pet Coke, Granite, Timber Berth No V - Project Cargo, Construction Materials, Maize, Logs, Sulfuric acid, Fertilizer raw material, Phosphoric acid, Granite, Timber, Ilmenite Sand Berth No VI - Project Cargo, Construction Materials, Maize, Logs, Sulfuric acid, Fertilizer raw material, Phosphoric acid, Granite, Timber, Ilmenite Sand Berth No VII - Containers Berth No VIII - Containers Berth no IX - Industrial Coal, Copper Concentrate, Rock Phosphate, Fertilizer Raw Materials Coal Jetty –I - Thermal Coal Coal Jetty –II - Thermal Coal Oil jetty - POL& other liquid Cargoes North cargo berth- I - Thermal Coal The following products are handled in the above Berths Handling of Various Types of Cargo (Such as POL, Naphtha, Furnace Oil, Diesel [HSD], Petrol, Kerosene, LPG, Phosphoric Acid, Liquid Ammonia, VCM, EDC, DNS, Palm Oil, MOP, DAP, Sulphur, Rock Phosphate, Coal, Petcoke, Met Coke, Raw Cashew, Timber logs, Pulses, Iron Scraps, Iron Pellets, Copper Cone, Soda Ash, Lime Stone, Sugar, Containerised Cargoes, Salt, Illuminate Sand, Garnet Sand, Copper Slag, Caustic Soda lye, Phosphoric Acid, Sulphuric Acid, Rice, Wheat, maize, Fertilizer, Cement, Feldspar, Construction Materials Barge etc)	42.00	Million Tons Per Annum
By-Product Details			
1.	NIL	0	0
Intermediate Product Details			
1.	NIL	0	0

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	DG Set 500 KVA	Acoustic enclosures with stack	4.27	1120
02	DG Set 160 KVA	Acoustic enclosures with stack	3.35	185
03	DG Set 100 KVA	Acoustic enclosures with stack	3	105
04	DG Set 250 KVA	Acoustic enclosures with stack	4.58	185
05	DG Set 125 KVA	Acoustic enclosures with stack	2.75	290
06	DG Set 600 KVA	Acoustic enclosures with stack	5	1900
07	DG Set 200 KVA	Acoustic enclosures with stack	3	735
II Fugitive/Noise emission :				
Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures	
1.	Coal Stock Yard	Fugitive	Wind net, Sprinkler System, Dust suppression system	

Special Additional Conditions:

- i. The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

Additional Conditions:

1. The Port shall maintain the stack and acoustic enclosure provided for DG set
2. The Port shall ensure that the emission let out from the DG set shall satisfy the Ambient Air Quality/Emission/ANL standards prescribed by the Board
3. The Port shall take utmost care to prevent odour/fly nuisance to the surroundings
4. The Port shall develop adequate greenbelt within the periphery of the unit to attenuate noise and air pollution
5. The Port shall provide additional water sprinkler systems to cover the entire coal stock yard since the existing water sprinkler systems are found to be inadequate
6. In the Port area the speed of the trucks/vehicles transporting the bulk cargo/coal should be controlled by providing speed breakers at suitable intervals so as to control the heavy fugitive dust emission arising during the movement of trucks/vehicles at high speed and report should be submitted to TNPCB
7. The Port has installed three continuous ambient air quality monitoring stations at present in the following locations: 1. Near Post office in the Port colony area 2. Near oil jetty 3. Near SHV storage tank. The Port shall install one additional CAAQM station near the Green Gate in consultation with TNPCB
8. The Port shall ensure that in the CAAQM station located near Oil Jetty, the parameter namely Hydro Carbons in the ambient air should also be monitored
9. To minimize the dust emission from the coal stock yard the unit shall provide closed stock yard for the storage of coal instead of open storage and shall submit report within six months
10. The Port shall provide concrete roads inside the coal yard for the movement of trucks/vehicles in order to contain the fugitive dust emission arising during the movement of trucks/vehicles.
11. The Port shall provide Truck chase washing & tyre washing yard for cleaning of the trucks/vehicles in order to contain the fugitive dust emission arising during the movement of trucks/vehicles.
12. The Port shall ensure that wind barriers/wind screens are provided all around the periphery of the coal stock yard and are maintained properly
13. In case of revision of consent fee by the Government, the unit shall remit the difference in consent fee amount within one month from the date of notification. Failing to remit the consent fee, this consent order will be withdrawn without any notice and further action will be initiated against the unit as per law.

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

To
CHAIRMAN,
M/s.V.O.CHIDAMABARANAR PORT AUTHORITY,
V.O.CHIDAMBARANAR PORT AUTHORITY
ADMINISTRATIVE OFFICE
BARATHI NAGAR
TUTICORIN,
Pin: 628004

Copy to:

- 1.The Commissioner, THOOTHUKUDI-Corporation, Thoothukkudi Taluk, Thoothukkudi District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, THOOTHUKKUDI.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, TIRUNELVELI.
4. File

**** This consent order is computer generated by OCMMS of TNPCB and no signature is needed****



TAMIL NADU POLLUTION CONTROL BOARD

Category of the Industry :

RED

CONSENT ORDER NO. 2308145948364 DATED: 24/04/2023.

PROCEEDINGS NO.T6/TNPCB/F.0118TTN/RL/TTN/W/2023 DATED: 24/04/2023

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT – M/s. V.O.CHIDAMABARANAR PORT AUTHORITY , S.F.No. 340/2 341/2 342/2 343/2 344/2 345/2 346/2 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 790 400/1 400/2 400/3 401 402/1 402/2 402/3 403/1 403/2 403/3 404 405 406 407 408 409 410 411 412 413/1B of Mullakkadu Village & 392/1 392/2 392/3 393 & 394 of Tuticorin Village, MULLAKKADU PART 1 village, Thoothukkudi Taluk and Thoothukkudi 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's Proceedings No. T1/TNPCB/F.0118TTN/RL/TTN/A/2018 Dated 16.11.2018
2. Unit's Application No: 45948364 Dated 27.12.2022
3. DEE, Thoothukkudi's IR No: F.0118TTN/RL/DEE/TTN/2023 Dated 27.03.2023

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

CHAIRMAN

M/s.V.O.CHIDAMABARANAR PORT AUTHORITY,

S.F.No. 340/2 341/2 342/2 343/2 344/2 345/2 346/2 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 790 400/1 400/2 400/3 401 402/1 402/2 402/3 403/1 403/2 403/3 404 405 406 407 408 409 410 411 412 413/1B of Mullakkadu Village & 392/1 392/2 392/3 393 & 394 of Tuticorin Village,
MULLAKKADU PART 1 village,
Thoothukkudi Taluk,
Thoothukkudi 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, 2028

**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/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.	Details of Berths and products handled Berth No I – Construction Materials, Raw Cashew, Palm Oil, Steel Plants, Granite, Timber Berth No II – Construction Materials, Raw Cashew, Palm Oil, Steel Plants, Granite, Timber Berth No III - Industrial Coal, Rock Phosphate, Copper Concentrate, Limestone, Pet Coke, Granite, Timber Berth No IV - Industrial Coal, Rock Phosphate, Copper Concentrate, Limestone, Pet Coke, Granite, Timber Berth No V - Project Cargo, Construction Materials, Maize, Logs, Sulfuric acid, Fertilizer raw material, Phosphoric acid, Granite, Timber, Ilmenite Sand Berth No VI - Project Cargo, Construction Materials, Maize, Logs, Sulfuric acid, Fertilizer raw material, Phosphoric acid, Granite, Timber, Ilmenite Sand Berth No VII - Containers Berth No VIII - Containers Berth no IX - Industrial Coal, Copper Concentrate, Rock Phosphate, Fertilizer Raw Materials Coal Jetty –I - Thermal Coal Coal Jetty –II - Thermal Coal Oil jetty - POL& other liquid Cargoes North cargo berth- I - Thermal Coal The following products are handled in the above Berths Handling of Various Types of Cargo (Such as POL, Naphtha, Furnace Oil, Diesel [HSD], Petrol, Kerosene, LPG, Phosphoric Acid, Liquid Ammonia, VCM, EDC, DNS, Palm Oil, MOP, DAP, Sulphur, Rock Phosphate, Coal, Petcoke, Met Coke, Raw Cashew, Timber logs, Pulses, Iron Scraps, Iron Pellets, Copper Cone, Soda Ash, Lime Stone, Sugar, Containerised Cargoes, Salt, Illuminate Sand, Garnet Sand, Copper Slag, Caustic Soda lye, Phosphoric Acid, Sulphuric Acid, Rice, Wheat, maize, Fertilizer, Cement, Feldspar, Construction Materials Barge etc)	42.00	Million Tons Per Annum
By-Product Details			
1.	NIL	0	0
Intermediate Product Details			
1.	NIL	0	0

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.	TREATED SEWAGE	500.0	On land for gardening
2.	TREATED SEWAGE	150.0	Sprinkler - Coal dust suppression
Effluent Type : Trade Effluent			

Special Additional Conditions:

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

Additional Conditions:

1. The Port shall operate the Sewage Treatment Plant provided efficiently and continuously so as to satisfy the standards prescribed by the Board
2. The unit shall revamp the existing STP and the conveying pipelines within three months time to achieve the standards.
3. The Port shall install Online Continuous Effluent Monitoring System (OCEMS) to the STP as per the directions issued by the Board.
4. The Port shall utilize the treated sewage for green belt development and dust suppression activities as reported.
5. The Port shall not let out any untreated wastewater outside the premises or in to marine coastal areas at any point of time.
6. The Port shall comply with all the conditions stipulated in the Environmental Clearances issued
7. The Port shall install Electro Magnetic Flow meters with continuous recording arrangements in the inlet and outlet of the STP
8. This consent issued under the Water (P&CP) Act 1974, as amended shall not be construed as the Right to supersede or overrule other Acts or Rules or Bylaws or Directions, Orders etc., issued by other Government Departments / Statutory Bodies / Local Body / Organization etc., and the unit shall abide by the same, as and when issued by the respective Authority
9. The Port shall maintain the spill control measures provided at jetty and material handling areas to prevent Pollution
10. The Port shall not go for any additional construction, re-construction etc., without obtaining valid environmental clearance under the EIA notification, 2006 and CRZ Notification 2011 and consent to establish for the same
11. The Port shall not draw ground water from within the premises/CRZ area at any point of time
12. The Port shall maintain the drainage facilities provided to collect run off from port treat the same to prevent pollution of marine water
13. The Port shall maintain the leakage detection & early warning systems provided at the hazardous cargo sections, to ensure that that no spill/accident occurs due to handling of such cargo
14. The Port shall ensure that cargo is handled within the quantity for which EC is issued by MoEF & CC GOI
15. The Port Shall conducted regular mock drills to ensure desired response to oil spills, spill of hazardous chemicals and mock drills for response to accidents involving storage of hazardous chemicals
16. The Port shall ensure that the waste oil and used oil is handled with valid authorisation under Hazardous & Other Waste (Management & Transboundary) Rules 2016
17. The Port shall comply with the provisions of the Hazardous & other Wastes (Management and Transboundary movement) Rules, 2016
18. The Port shall ensure that cleaning of the septic tanks and STP tanks/components is carried out only mechanically and manual cleaning of the septic tanks and STP tanks/components is not carried out under any circumstances. While cleaning the septic tanks and STP tanks/components the workers involved in the cleaning operations should not be allowed to enter inside the septic tanks and STP tanks/components under any circumstances in order to avoid any fatal accidents while cleaning the septic tanks and STP tanks/components.
19. The Port shall provide concrete platform in the entire coal stock yard area with leachate collection and recycling arrangement to recycle the leachate generated back for sprinkling in the coal stock yard with proper approval from the CZMA
20. The Port shall carry out study on the adequacy of the existing STP and shall submit report along with the improvement works in the existing STP
21. The Port shall provide EMFMs at the inlet and outlet of the STP and shall establish on-line connectivity of the same with TNPCB Care Air Centre. The unit shall also carry out periodical calibration of the EMFM installed by approved agencies and shall furnish report to TNPC Board
22. In case of revision of consent fee by the Government, the unit shall remit the difference in amount within one month from the date of notification, failing which, this consent order will be withdrawn without any notice and further action will be initiated against the unit as per law
23. The Port 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 bags and plastic flags irrespective of thickness, within the industry premises. Instead the unit shall encourage use of eco friendly alternative such as banana leaf, areca nut palm plates, stainless steel, glass, porcelain plates/cups, cloth bag, jute bag etc.

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

To
CHAIRMAN,
M/s.V.O.CHIDAMABARANAR PORT AUTHORITY,
V.O.CHIDAMBARANAR PORT AUTHORITY
ADMINISTRATIVE OFFICE
BARATHI NAGAR
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