



ANDHRA PRADESH POLLUTION CONTROL BOARD
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RED CATEGORY
CONSENT TO OPERATE & AUTHORIZATION ORDER

Consent Order No : APPCB/VSP/45/CTO/HO/2023-

Dt. 12/07/2023

CONSENT is hereby granted to Operate under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous & Other Wastes (Management and Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

Development of Cruise-Cum-Coastal Cargo Terminal at Visakhapatnam Port
by M/s. Visakhapatnam Port Trust,
Visakhapatnam District, Andhra Pradesh.
E mail: vptenvironmentcell21@gmail.com;

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

i) Out lets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge KLD	Point of Disposal
1)	Domestic Effluents	2.59	Septic tank followed by soak pit. The over flow from the Septic tank shall be disposed to STP, old town, GVMC, Visakhapatnam

ii. Emissions from chimneys:

S. No	Description of Chimney
1	Attached to 500 KVA D.G. Set

iii. HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 6 (2)]:

Development of Cruise-Cum-Coastal Cargo Terminal at Visakhapatnam Port by M/s. Visakhapatnam Port Trust, Visakhapatnam District, Andhra Pradesh, is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous / Other Wastes namely:

S. No.	Name of the Waste	Stream	Quantity	Disposal Option
1.	Used oil	5.1 of Schedule – I	0.05 KL per annum	Shall be routed through M/s. APEMC to authorized Re-processors / Recyclers

2.	Discarded Containers	33.2 of Schedule – I	10 Ton per Annum	After complete detoxification Shall be routed through M/s. APEMC to the recyclers / agencies
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Other than hazardous waste:

S. No.	Name of the Waste	Quantity	Disposal Option
1.	Garbage	7.74 Tons per Annum	Shall be disposed to authorized agencies / GVMC.

This consent order is valid for the following only:

To operate a Cruise-cum-Coastal Cargo Terminal by re-orienting the existing Channel berth located in the outer harbour.

Cruise-cum-Cargo Terminal: The length of the Cruise terminal is 180 m and 15m wide with two mooring dolphins on east side and two shore bollards on west side to make a overall length of 330 m duly matching the existing channel berth with an offset of 50m towards the landside parallel to the existing dredge limit line.

Terminal building & Gate complex: The backup area of 15,000Sq.m is to be utilized for development of a terminal building. A gate complex of built-up area 3,350Sq.m to be developed in the back up area.

The expected no. of passengers per annum is 12,000 (Approx.) and cargo to be handled is a) Steel, b) Cement and c) Food grains. The Cargo handling capacity is 1.0 Million Metric Tons per annum.

The cargo of Cement and food grains shall be handled in baggage form, as committed vide mail dt.18.04.2023.

This order is subject to the provisions of 'the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorisation shall be valid for a period ending with the **31st day of May, 2028.**

B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

To

**Development of Cruise-Cum-Coastal Cargo Terminal at Visakhapatnam Port
by M/s. Visakhapatnam Port Trust,
Visakhapatnam District, Andhra Pradesh**

Copy to:

1. The JCEE, APPCB, Zonal Office, **Visakhapatnam** for information and necessary action.
2. The EE, APPCB, Regional Office, **Visakhapatnam** for information and necessary action.

SCHEDULE – A

1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
2. The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
3. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
4. The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.
5. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
6. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules **at least 120 days before the date of expiry of this order**, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board.
7. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.
9. The industry shall be liable to pay Environmental Compensation / Other Environmental Taxes, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other competent authority as per the Rules in vogue.
10. The industry may explore the possibility of tapping the solar energy for their energy requirements.
11. The industry should educate the workers and nearby public of possible accidents and remedial measures.

SCHEDULE - B

The item was placed in the CTO committee meeting held on 07.07.2023 and the committee recommended to issue 1st CTO & HWA order to the industry for a period upto 31.05.2028. The industry shall comply with the following:

1. The terminal shall obtain permission from GVMC for sending domestic wastewater to

STP, Old Town, GVMC.

2. The terminal shall install flow meter for water consumption and wastewater generation for various purposes mentioned in CTO order
3. The terminal shall not handle dusty cargo and shall handle MS ingots, Cement and Food grains only.
4. The terminal shall develop 33 % green belt of the total area with native species within 1 month.
5. The terminal shall submit a copy of the NOC obtained from the National Board for Wild Life (NBWL) at the Regional office: Visakhapatnam, as stipulated in the EC order dt. 26.10.2021 .
6. The facility shall install Continuous Ambient Air Quality Monitoring Stations to the main pollutants released PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions and covering the total area of the port in consultation with the Regional Officer In addition to the existing 3 CAAQM stations data to the APPCB website without interruption..

WATER POLLUTION:

7. The source of water is GVMC. The Port shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

S.No	Purpose	Quantity in KLD
1.	Domestic (Cruise (Nov –March) – 1.68 KLD, Terminal building Staff – 0.9 KLD, Cargo handling (April-Oct) – 0.3 KLD)	2.88
2.	Landscaping	3.0
3.	Dust Suppression	3.0
4.	Others	5.0
	Total	13.88

Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above.

8. Proper drains and wind barriers shall be provided around the stack yards.
9. Under any circumstances, the facility shall not discharge any effluents into any water bodies.

AIR POLLUTION:

10. The terminal shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.
11. The terminal shall ensure compliance with ambient air quality standards of PM10 - 100 micro grams/ m³; PM2.5 - 60 micro grams / m³; SO2 - 80 micro grams/ m³; NOx – 80 micro grams/m³, (day average standards).
12. The terminal shall ensure compliance of the National Ambient Air quality standards notified by MoE&F, GoI vide notification No. GSR 826(E), dated. 16.11.2009 during construction and regular operational phase of the project.
13. The stacking height of the materials stored on ground shall not exceed 8 m above ground level.
14. All the cargo shall be stored in closed warehouse(s).
15. The Port shall comply with the following for controlling fugitive emissions:

- a. Vehicle movement shall be minimized / eliminated by implementing mechanical operation.
 - b. All the vehicles involved in transportation of cargo shall be covered with tarpaulin.
 - c. Vehicles shall be managed to avoid traffic congestion and shall provide empty dusting vehicle washings / dry cleaning system to clean all out going cargo vehicles.
 - d. Based on traffic density/ vehicular movements anticipated from the port, parking facilities shall be provided.
 - e. All the conveyor belts shall be covered with MS sheets
 - f. The railway wagons and trucks shall be covered
16. All the transfer points, loading / unloading points and conveyor systems shall be covered completely with leak proof arrangements. Adequate dust suppression and containment measures shall be implemented for effective control of fugitive emissions
17. The facility shall provide water sprinklers preferably rain guns at all dust emanating areas to avoid dust nuisance to the surroundings. Automatic water sprinklers shall be provided along the internal roads. peripheral drainage system, fire fighting system etc. are to be provided.

GENERAL:

18. The port shall not increase the cargo handling capacity beyond the permitted capacity mentioned in this order, without obtaining CTE & CTO of the Board.
19. The terminal shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
 - a. Daily cargo handling & containers details.
 - b. Quantity of Effluents generated, treated, recycled/reused.
 - c. Log Books for pollution control measures.
 - d. Characteristics of effluents and emissions.
 - e. Hazardous/non hazardous solid waste generated and disposed.
 - f. Inspection book.
 - g. Manifest copies of effluents / hazardous waste.
20. The Port shall provide display sign boards at berths and cargo stocking area showing the details of the berth & cargo handling.
21. The terminal shall submit action plan to minimize the solid waste at source which suitable sustainable technology.
22. The terminal shall route the hazardous waste through APEMC and ensure routing the bilge oil generated from Ships through APEMC.
23. Fire detection and fire fighting facilities with adequate water storage facility shall be provided in fire prone area in consultation with competent authorities.
24. Onsite & offsite Disaster Management plan shall be prepared to meet any eventuality in case of any accident. Mock drills shall be conducted atleast twice a year and modifications required if any shall be incorporated in Disaster Management Plan and shall submit to Board.
25. DO levels in the sea water at the dredging area shall be monitored at regular interval and the dredging time shall be suitably regulated to prevent depletion of DO levels in the sea water.
26. The terminal shall maintain valid PLI policy which includes Environmental Relief Fund (ERF) and submit copy to RO, Visakhapatnam on yearly base.
27. The terminal shall comply with SoPs issued by CPCB time to time for all the wastes.
28. The terminal shall install digital display boards at publicly visible places at the main gate indicating the products manufactured Vs permitted quantities, Treated effluent

concentrations Vs discharge standards, Stack emission & AAQ concentrations Vs standards, hazardous waste generation, disposed, stock Vs permitted quantities and validity of CTO; and exhibit the CTO order at a prominent place in the factory premises.

29. The terminal shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent to Establish (CTE) and Consent to Operate (CTO) through website i.e., <https://pcb.ap.gov.in> by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the terminal and second half yearly compliance reports shall be audited through MoEF&CC recognized and National Accreditation Board for Laboratory Testing (NABL) accredited third party.
30. The facility Authorities shall comply with all the conditions stipulated in the Environmental Clearance dt.26.10.2021 issued by SEIAA
31. The Port Authorities shall obtain prior permission from MoEF&CC, GoI and APPCB for any changes in the cargo type / capacity.
32. Any other directions / circulars / notices issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.
33. The conditions are stipulated without prejudice to the rights and contentions of this Board in any Hon'ble Court of Law.

Special conditions:

34. The Port shall prepare a safety report and carry out an independent safety audit report of the respective industrial activities including chemical storages / isolated storages by an expert not associated with such industrial activity as required under Rule 10 of MSIHC Rules, 1989 and get it approved by the Factories Dept., and submit the compliance along with copy of the safety report, safety audit report and safety certificate at concerned Regional Office, APPCB.
35. The Port shall extend training to the working personnel for the prevention of accidents and necessary antidotes to ensure safety, as per the MSIHC Rules, 1989.
36. The Port shall carry out calibration of safety equipment and leak detection systems at regular intervals and shall certify the same with the Factories Department. That certified copy shall be submitted to the APPCB, Regional Office.
37. The Port shall install fluorescent Wind Vane at the highest point in the Port premises.
38. The Port shall submit Risk analysis and risk assessment covering worst scenario clearly describing impact within the Port premises and outside the Port premises and emergency response system.
39. The Port shall submit the copy of the safety audit report and On-Site / Off Site Emergency Plans as applicable after being certified by the Factories Department to the APPCB, Regional Office from time to time, if the storage quantity of hazardous chemicals is equal to or, in excess of the threshold quantities specified in schedule 2 & 3 of MSIHC Rules, 1989.

SCHEDULE - C

[see rule 6(2)]

**[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR
HANDLING HAZARDOUS WASTES]**

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.

3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on “Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty”.
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. An application for the renewal of an authorisation shall be made as laid down under these Rules.
9. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

Specific Conditions:

10. The terminal shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
11. The terminal shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
12. The terminal shall comply with the provisions of HWM Rules, 2016 in terms of interstate transport of Hazardous Waste and manifest document prescribed Under Rule 18 and 19 of the HWM Rules, 2016.
13. The terminal shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB.
14. The terminal shall maintain proper records for Hazardous and Other Wastes stated in Authorisation in Form-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form-4 as per Rule 20 (2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

To

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