



**ANDHRA PRADESH POLLUTION CONTROL BOARD**  
**D.No.33-26-14D/2, Near Sunrise Hospital, Pushpa Hotel Centre,**  
**Chalamalavari Street, Kasturibaipet, Vijayawada – 520 010**  
**Phone. No.0866-2436217, Website : https://pcb.ap.gov.in**

**RED CATEGORY  
 CONSENT & AUTHORIZATION ORDER**

**Consent Order No : APPCB/VSP/VSP/45/CFO/HO/1933-**

**13/04/2022**

CONSENT is hereby granted for Operation 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:

**M/s. Visakhapatnam Port Trust**  
**Port Area, Visakhapatnam -530 035.**  
**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:**

<b>Outlet No.</b>	<b>Outlet Description</b>	<b>Max Daily Discharge KLD</b>	<b>Point of Disposal</b>
1)	Domestic Effluents	3,091	The Port shall treat wastewater in existing STP, after treatment in STP, the treated wastewater shall used for dust suppression, duly meeting the Board's discharge standards (BOD-30 mg/l)

ii. **Emissions from chimneys: NIL**

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

M/s. Visakhapatnam Port Trust, Port Area, Visakhapatnam District, is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous / Other Wastes namely:

<b>S. No.</b>	<b>Name of the Hazardous Waste</b>	<b>Stream Number as per HWM Rules</b>	<b>Quantity of Hazardous waste</b>	<b>Disposal Option</b>
1.	Used Lubricating oil/ Waste oil/	5.1 of Schedule – I	70 KLPA	Shall be routed through M/s. APEMC to authorized Re-

	Drained oil			processors / Recyclers
2.	Balast water/ Sludge containing oil from ships		3000 KLPA	
3.	Empty oil barrels	33.3 of Schedule – I	500 Nos/yr	After complete detoxification shall be disposed to the outside agency
<b>Other Waste:</b>				
4.	E- waste	--	0.5 TPA	Authorized Reprocessors / Recyclers
5.	Scrap/ used lead acid batteries	--	300 Nos/ Annum	Authorized Reprocessors / Recyclers

**This consent order is valid for the following only:**

***Handling cargo of 46.55 Million MT/ Annum including 1,00,000 TEU of containers, in inner harbour (EQ 1 to EQ 7 berths, WQ 1 to WQ 8 berths, OR 1 & OR 2 berths and fertilizer berth) and outer harbour (OSTT, NOM, LPG Berth and MPB)***

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 **31<sup>st</sup> day of December, 2026.**

VIJAY KUMAR GSRKR IAS, MEMBER SECY(GSRKRVK), O/o MEMBER SECRETARY-APPCB

To

**M/s. Visakhapatnam Port Trust  
Port Area, Visakhapatnam -530 035**

**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. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. The industry may explore the possibility of tapping the solar energy for their energy requirements.
12. The industry should educate the workers and nearby public of possible accidents and remedial measures.
13. The conditions stipulated are without prejudice to the rights and contentions of this Board in any Hon'ble court of law.

#### **SCHEDULE - B**

The VPT shall comply the following:

1. The VPT shall cover all dusty cargo with tarpaulins.
2. The VPT shall submit the plan/ drawing showing the earlier coal and other dusty cargo stack yards in city interface shifted to port interior areas as a part of re-organization of the stacking yards which are near to the city interface.

3. The VPT shall remove the dusty cargo i.e., coal cargo near to city interface at R-2, R-4 & R-5, A, B yards at TM Office until the MDSS is installed and ready for operation as per the action plan submitted against NGT directions for which BG is given to APPCB.
4. The VPT shall construct 2 covered storage sheds of size 200m x 40m x 17 m and 200 m x30m x 17m at R6-R9 areas for storing the dusty cargo. Action plan with timelines shall be submitted.
5. The VPT shall not store any dusty cargo without MDSS system at any location in the Port premises.
6. The VPT shall mechanize EQ-6 along with the proposed cargo and submit action plan.
7. The VPT shall submit action plan for completion of dismantle and reconstruct WQ-2 to WQ-4 berths.
8. The VPT shall not store stock piles in coal yards more than 6m.
9. The VPT shall export aluminum powder bags and any other bagged cargo as a precautionary measure with sea wall nets at berths and shall not cause any spillages on berth as well as in sea water.
10. The VPT shall submit action plan to minimize the solid waste at source which suitable sustainable technology.
11. The Port (including PPP operators) shall route the hazardous waste through APEMC and ensure routing the bilge oil generated from Ships through APEMC.
12. The Port shall connect the CC Cameras to APPCB website.
13. The Port shall take measures to maintain the ambient air quality within the stipulated standards.
14. The Port shall provide display sign boards at berths and cargo stocking area showing the details of the berth & cargo handling.
15. The Port shall fill the gaps in between GI sheets with geo net installed above the compound wall from convent junction to Kobbarithota junction.
16. The Port shall achieve 100% target under Green Visakha Program.
17. The VPT shall convert the coal handling trucks into Automated Tarpaulin Closure System and also ensure the PPP operators to comply with the same.
18. Dry bulk cargo which is prone to dust emissions only to be handled through mechanization at all new/modified/ upgraded berths.
19. All construction and Establishment activities must be started only after obtaining valid EC & CFE.
20. The Port shall comply the Task Force directions issued by the Board time to time.
21. The facility shall provide dry fogging system as per the condition stipulated by the Board as the facility has provided only water sprinkling system (MDSS systems) at cargo handling area and stacking area.
22. The facility shall explore the possibility to install tube conveyor system to transport dusty cargo to control dust pollution on surroundings effectively as the facility located in Visakhapatnam city and also receiving complaints from the nearby residents on air pollution problems and shall submit the action plan in this regard.
23. M/s.VPT shall submit the action plan for mechanization of partly

mechanized berths (5 nos) and other berths.

24. The port shall handle dust free cargo like fertilizers, food grains and bagged cargo, steel, granite etc. in EQ-2 to EQ-5.
25. M/s.VPT shall install PLC based MDSS at all dusty stacking areas and shall report implementation progress every month to ZO, Visakhapatnam and RO, Visakhapatnam.
26. The district crisis group formed under MSIHC rules shall monitor and review the safety measures regarding of Ammonium Nitrate and ensure additional safety precautions to be taken by conducting periodical mock drills under the supervision of the District Crisis Group.
27. The VPT shall take all the necessary measures to control the air pollution and shall ensure that PM2.5 & PM10 daily/monthly and annual average values are within the standard.

#### WATER POLLUTION:

28. The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below.

Outlet	Parameter	Limiting Standards (mg/l except for pH)
1	pH	5.50 – 9.00
	Total Suspended Solids (TSS at 103 – 1050C)	<100.00
	Oil and Grease	10.00
	Biochemical Oxygen Demand (BOD in 3 days at 27 <sup>0</sup> C )	30.00
	Fecal Coliform (FC) (Most Probable Number per 100 milliliter, MPN/100ml)	<1000 MPN/100 ml

29. 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
1.	Sprinkling and dust suppression	10,055 KLD
2.	Domestic & gardening	8 Lakh Gallon per Day or 8820 KLD

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

30. The Port shall maintain Electro Magnetic flow meters with totalisers for water and effluent quantity measurements for different streams of effluents and different categories of water usage stipulated in this order.
31. Rain water shall not be allowed to mix with either trade or domestic effluents. Port shall maintain storm water drains, properly.

#### AIR POLLUTION:

32. The Port shall ensure compliance with ambient air quality standards of PM10 - 100 micro grams/ m<sup>3</sup>; PM2.5 - 60 micro grams / m<sup>3</sup>; SO<sub>2</sub> - 80 micro grams/ m<sup>3</sup>; NO<sub>x</sub> – 80 micro grams/m<sup>3</sup>, (day average standards). The Port 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 and also the

Noise standards: Day time (6 AM to 10 PM) - 75 dB (A)

Night time (10 PM to 6 AM) - 70 dB (A)

- 33.The Port shall comply with the following for controlling fugitive emissions:
1. Vehicle movement shall be minimized / eliminated by implementing mechanical operation.
  2. All the vehicles involved in transportation of cargo shall be covered with tarpaulin.
  3. 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.
  4. Based on traffic density/ vehicular movements anticipated from the port, parking facilities shall be provided.
- 35.The VPT shall maintain 3 CAAQM Station within the plant as per the specifications of CPCB for online monitoring of PM10, PM2.5, SO2 & NOx with networking facility to Head Office, APPCB.
- 36.The terminal shall take all measures to control dust emissions in and around the terminal.
- 37.The terminal shall provide and maintain Water sprinkling effectively at all container handling & truck moment areas.

**GENERAL:**

- 38.The VPT shall not increase the cargo handling capacity beyond the permitted capacity mentioned in this order, without obtaining CFE & CFO of the Board.
- 39.The terminal shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
1. Daily cargo handling & containers details.
  2. Quantity of Effluents generated, treated, recycled/reused.
  3. Log Books for pollution control measures.
  4. Characteristics of effluents and emissions.
  5. Hazardous/non hazardous solid waste generated and disposed.
  6. Inspection book.
  7. Manifest copies of effluents / hazardous waste.
- 40.Fire detection and fire fighting facilities with adequate water storage facility shall be provided in fire prone area in consultation with competent authorities.
- 41.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.
- 42.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.
- 43.The Port shall maintain valid PLI policy which includes Environmental Relief Fund (ERF) and submit copy to RO, Visakhapatnam on yearly base.
- 44.The Port shall comply with SoPs issued by CPCB time to time for all the wastes.
- 45.The VPT shall remove the dusty cargo (Gypsum) which is stored newly at S6 area or provide a closed shed for storage of cargo of S6 area.
- 46.M/s. Visakhapatnam Port Trust shall clean the internal roads on a daily basis. It shall

- ensure that GVMC clean the roads around the Port area and NHAI shall clean the flyover connecting the national highway and Port area on a daily basis.
- 47.The VPT shall maintain their own Task Force for regular monitoring and to take stringent action against the defaulters.
  - 48.The terminal shall use the NAVIS software to detect the material inside the containers.
  - 49.The terminal shall not undertake any industry cargo stuffing / de-stuffing at the exciting premises. There shall not be intra container transfer of material in the premises.
  - 50.The terminal shall put sign boards (demarcation) on each container representing type of material stored in the container.
  - 51.The terminal shall maintain leaky container enclosure with a provision for collection of The International Maritime Dangerous Goods (IMDG) in case of leakage as hazardous waste and same shall be disposed to TSDF, Parawada.
  - 52.Thick green belt should be developed covering an area of minimum 33% of the total area, without disturbing existing green belt. Action plan to comply with this condition shall be submitted to the Board.
  - 53.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 CFO; and exhibit the CFO order at a prominent place in the factory premises.
  - 54.The terminal shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and Consent for Operation (CFO) 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 the audited through MoEF&CC recognized and National Accreditation Board for Laboratory Testing (NABL) accredited third party.
  - 55.The Port Authorities shall obtain prior permission from MoEF&CC, GoI and APPCB for any changes in the cargo type / capacity.
  - 56.Any other directions / circulars / notices issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.
  - 57.The VPT shall comply the Hon'ble NGT orders / directions time to time.

**Special conditions:**

1. 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.
2. 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.
3. The Port shall carryout 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.
4. The Port shall install fluorescent Wind Vane at the highest point in the Port premises.

5. 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.
6. 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.

VIJAY KUMAR GSRKR IAS, MEMBER SECY(GSRKRVK), O/o MEMBER SECRETARY-APPCB

**To**  
**M/s. Visakhapatnam Port Trust**  
**Port Area, Visakhapatnam -530 035.**