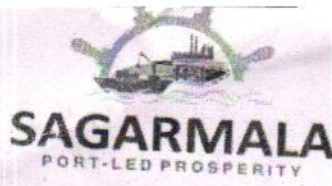




ISO 9001, ISO 14001
ISO 45001
ISPS COMPLIANCE PORT



విశాఖపట్టణం పోర్ట్ ప్రాధికారణ
(పత్తన, పోత పారివాహన एवं जलमार्ग मंत्रालय)

VISAKHAPATNAM PORT AUTHORITY
(Ministry of Ports, Shipping & Waterways, Govt. of India)

విశాఖపట్టణం పోర్ట్ అథారిటీ
(శివరవులు, నౌకాశ్రయము మరియు జలమార్గ మంత్రిత్వశాఖ భారత ప్రభుత్వం)

No. IENG/Env.Cell/APPCB/CFO-Comp/2024
Date: 3rd January, 2025

To
The Environmental Engineer,
Regional Office,
Andhra Pradesh Pollution Control Board,
Beside RTA Office,
Madhavadhara VUDA Colony,
Visakhapatnam – 530018

Sir,

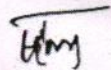
Sub: APPCB – RO – VSP-CFO Condition wise compliance report along with action plans & relevant Photographs & document details - Reg.

Ref: 1. Order No. APPCB/VSP/VSP/45/CFO/HO/1933 dated: 13.04.2022
2. Order No. APPCB/VSP/CTO/HO/2023 dated 12.07.2023

With reference to Order cited above, please find here with the condition wise (Half yearly) compliance of the CFOs (VPA & Cruise cum Coastal Cargo Terminal) of Visakhapatnam Port Authority for your kind information and records please.

Encl: As above.

Yours Sincerely,


CHIEF ENGINEER



2/1/25

CFO Compliance Status Report for

VISAKHAPATNAM PORT AUTHORITY

Order: APPCB/VSP/VSP/45/CFO/HO/1933- dated: 13.04.2022

VISAKHAPATNAM PORT AUTHORITY

Sub: APPCB Consent Order No: APPCB/VSP/VSP/45/CFO/HO/1933- dated: 13.04.2022 and VPA COMPLIANCE.

S. No	APPCB CFO directions of Dt. 13.04.2022	VPA Compliance Report
<u>SCHEDULED – A</u>		
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.	Noted. VPA will comply as and when such incidents happen.
2.	The industry should carry out analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.	Complied. <ul style="list-style-type: none"> • VPT is not generating any trade effluent since no processing activity is involved in port operations, however the city sewage which is entering into harbor water being treated through the existing a 10 MLD sewage treatment plant being monitored by M/s SV ENVIRO Labs & Consultants fort-nightly. The values of treated effluent are well within the norms (Copies are enclosed as Annexure-I). • There are no emissions generated from chimneys, as there is no processing is involved.
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.	Complied.
4.	Not with standing 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.	Noted.
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.	Noted.
6.	The applicant shall submit Environment statement in Form V before 30 th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Complied. Environment statement in Form V is being submitted to the RO APPCB before 30 th September every year. Latest Submitted copy is enclosed as Annexure-II .

S. No	APPCB CFO directions of Dt. 13.04.2022	VPA Compliance Report
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.	Noted & Being Followed.
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.	Noted & Being Followed.
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.	Noted.
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.	Noted.
11.	The industry may explore the possibility of tapping the solar energy for their energy requirements.	Complied. VPA has established 10.77MW Solar Power Plant and utilized for Entire Port requirement.
12.	The industry should educate the workers and nearby public of possible accidents and remedial measures.	Complied. VPA Conducting Training Programmes for all Employees on various Subjects of HRDC in VPA
13.	The conditions stipulated are without prejudice to the rights and contentions of this Board in any Hon'ble court of law.	Noted.

S. No	APPCB CFO directions of Dt. 13.04.2022	VPA Compliance Report
<u>SCHEDULE – B</u>		
1.	The VPT shall cover all dusty cargo with tarpaulins.	Complied. VPA is ensuring 100% coverage of all dusty cargo stacks with tarpaulins expect during loading/unloading operations (Photographs enclosed as Annexure - III).
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.	Complied. VPA has submitted plan/ drawing showing re-organization of the stacking yards vide Lr.No.: IENG/ENV/NGT/2020/336 dated 28.02.2020 (Copy enclosed as Annexure - IV)
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.	Complied. A Bank Guarantee of 1 Cr has been submitted by VPA which is valid up to 31 st July, 2025.
4.	The VPT shall construct 2 covered storage sheds of size 200m × 40m × 17m and 200m × 30m × 17m at R6-R9 areas for storing the cargo. Action plan with timelines shall be submitted.	Complied. VPA constructed covered storage sheds of 4 Nos. and there are in Operations. Photographs are enclosed as Annexure - V .
5.	The VPT shall not store any dusty cargo without MDSS system at any location in the Port premises.	Complied. VPA is ensuring that, no dusty cargo is stored without MDSS.
6.	The VPT shall mechanize EQ-6 along with the proposed cargo and submit action plan.	Complied. VPA proposed to mechanize EQ-6 berth and Prepared EIA Study for Obtaining of EC & CRZ Clearances which is in progress.
7.	The VPT shall submit action plan for completion of dismantle and reconstruct WQ-2 to WQ-4 berths.	Complied.
8.	The VPT shall not store stock piles in coal yards more than 6m.	Complied. VPA is ensuring that, no coal stock piles shall store more than 6.0 m height.
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.	Noted and being Complied.
10.	The VPT shall submit action plan to minimize the solid waste at source which suitable sustainable technology.	Noted. VPA Collecting and disposed to GVMC Dumping yard at Kapuluppada to generate Power from Waste by M/s. Jindal Urban Waste Management (Visakhapatnam) Pvt. Ltd.

S. No	APPCB CFO directions of Dt. 13.04.2022	VPA Compliance Report
11.	The Port (including PPP operators) shall route the hazardous waste through APEMC and ensure routing the bilge oil generated from Ships through APEMC.	Complied. VPA routed to dispose Hazardous Waste through APEMCL portal. (Screen Shot of the APEMCL is enclosed as Annexure - VI).
12.	The Port shall connect the CC Cameras to APPCB website.	Due to Security Problem ISPS code (with Indian Navy and Coast Guard) the CC Cameras are unable to connect to APPCB web site.
13.	The Port shall take measures to maintain the ambient air quality within the stipulated standards.	Being Complied.
14.	The Port shall provide display sign boards at berths and cargo stocking area showing the details of the berth & cargo handling.	Complied. VPA provide Display Boards at both Stock Yards and Berths. (Photographs enclosed at Annexure-VII)
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.	Complied. VPA Constructed high rise wall along Sea Horse Junction to Convent Junction at 1.7 km with a height of 7.5m.
16.	The Port shall achieve 100% target under Green Visakha Program.	Complied.
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.	Noted. VPA provided Automated Tarpaulin Closure System at one PPP terminal (Vedanta) and proposed to install the same at 2 more locations in Port area.
18.	Dry bulk cargo which is prone to dust emissions only to be handled through mechanization at all new/modified/ upgraded berths.	Noted. VPA proposed to modernization of existing berths EQ-1&EQ-1A, EQ-6, EQ-7, WQ-6 & WQ-7&8 and submitted application for EC/CRZ Clearance.
19.	All construction and Establishment activities must be started only after obtaining valid EC & CFE.	Noted.
20.	The Port shall comply the Task Force directions issued by the Board time to time.	Noted.
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.	Complied. VPA Deployed 10 no.s of dry Fog Canon Machines (3 Truck Mounted and 7 Trolley Mounted) at the cargo handling areas. At Stock yards VPA provided Automated Dust Suppression System.
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	Noted. VPA handled Coal, Iron ore cargo through closed conveyors at Outer Harbour.

S. No	APPCB CFO directions of Dt. 13.04.2022	VPA Compliance Report
	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 no's) and other berths.	Noted. VPA Proposed and submitted application for EC/CRZ Clearance.
24.	The Port shall handle dust free cargo like fertilizers, food grains and bagged cargo steel, granite etc. in EQ-2 to EQ-5.	Noted.
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.	Complied VPA Commissioned PLC based MDSS at various dusty cargo stacking areas (Photos are enclosed as Annexure-VIII)
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.	Noted. VPA carried out a Quantitative Risk Assessment Study for Ammonium Nitrate (Extracted pages are enclosed as Annexure - IX). VPA conducted Mock Drills periodically for all employees.
27.	The VPT shall take all the necessary measures to control the air pollution and shall ensure that PM _{2.5} & PM ₁₀ daily/monthly and annual average values are within the standard.	Being Complied. VPA taking necessary EMS to control the air pollution and monitoring AAQ parameters P.M ₁₀ & P.M _{2.5} are well within the limits.
28.	The effluent discharged shall not contain constituents in excess.	Being Complied. VPA carried out Sewage Water Analysis. The Treated water being used for dust suppression in port area.
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.	Noted. VPA proposed to conduct Water Audit and comply with the audit report.
30.	The Port shall maintain Electro Magnetic flow meters with totalizers for water and effluent quantity measurements for different streams of effluents and different categories of water usage stipulated in this order.	Noted. VPA Provided Electro Magnetic flow meters to measure the water consumptions at various pump houses.
31.	Rain water shall not be allowed to mix with either trade or domestic effluents. Port shall maintain storm water drains, properly.	Complied. VPA provided separate rain runoff water drains and constructed Rain water Harvest pits at various locations of VPA
32.	The Port shall ensure compliance with ambient air quality standards of PM ₁₀ -100 micro grams/ m ³ ; PM _{2.5} – 60 micro grams / m ³ ; SO ₂ – 80 micro grams/ m ³ ; NO _x – 80 micro grams/ m ³ , (day average standards). The Port shall ensure compliance of the National Ambient Air quality	Complied. VPA carried out Ambient Air Quality Monitoring by Authorized Agency of NABL Labs. The test parameters are within the limits.

S. No	APPCB CFO directions of Dt. 13.04.2022	VPA Compliance Report
	standards notified by MoE&F, Gol vide notification No. GSR 826(E), dated, 16.11.2009.	
33.	<p>The Port shall comply with the following for controlling fugitive emissions:</p> <ol style="list-style-type: none"> 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. 	<p style="text-align: center;">Complied.</p> <ol style="list-style-type: none"> 1. VPA proposed mechanization of berths EQ-1&1A, EQ-6, EQ-7, WQ-6 and WQ-7&8. 2. All cargo transporting trucks & wagons are covered with Tarpaulins. 3. VPA deployed 3no.s mechanical road sweeping machines for road sweeping and water tankers to sprinkle on roads for dust suppression. 4. VPA provided truck parking with amenities at PCR.
35.	The VPT shall maintain 3 CAAQM Station within the plant as per the specifications of CPCB for online monitoring of PM ₁₀ , PM _{2.5} , SO ₂ & NO _x with networking facility to Head Office, APPCB.	<p style="text-align: center;">Complied.</p> <ol style="list-style-type: none"> 1. VPA installed 3 continuous ambient air quality monitoring stations at 3 different locations. 2. GCB, GVMC, R&D Yard, However due to age old, the Equipment is malfunctioning and VPA Proposed for 3 No.s new CAAQM stations which is in Tender stage.
36.	The terminal shall take all measures to control dust emissions in and around the terminal.	<p style="text-align: center;">Complied.</p> <p>VPA taking necessary actions to control the dust emissions while handling of cargo.</p>
37.	The terminal shall provide and maintain Water sprinkling effectively at all container handling & truck moment areas.	<p style="text-align: center;">Complied.</p> <p>VPA deployed Water Tankers to Sprinkle on Roads and Truck Mounted & Trolley Mounted Fog Canon Machines at the time of cargo loading & unloading.</p>
	<u>GENERAL</u>	
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.	<p style="text-align: center;">Noted.</p> <p>VPA is handling cargo as per CFO.</p>
39.	<p>The terminal shall maintain the following records and the same shall be made available to the inspecting officers of the Board:</p> <ol style="list-style-type: none"> 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 & disposed. 	<p style="text-align: center;">Noted.</p>

S. No	APPCB CFO directions of Dt. 13.04.2022	VPA Compliance Report
	6. Inspection book. 7. Manifest copies of effluents / hazardous waste.	
40.	Fire detection and firefighting facilities with adequate water storage facility shall be provided in fire prone area in consultation with competent authorities.	Complied. VPA had a dedicated fire brigade with trained personnel.
41.	Onsite & offsite Disaster Management plan shall be prepared to meet any eventuality in case of any accident. Mock drills shall be conducted at least twice a year and modifications required if any shall be incorporated in Disaster Management Plan and shall submit to Board.	Complied. VPA having Disaster Management Plan along with Emergency Evacuation Plan. As per the Plan VPA conducting Mock Drills periodically.
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.	Complied. VPA 10MLD capacity STP to treat the city waste water which is entering into harbour water. The treated water being used for Dust Suppression and VPA carried out Marine Water Monitoring by Approved agency on Periodical basis.
43.	The Port shall maintain valid PLI policy which includes Environmental Relief Fund (ERF) and submit copy to RO, Visakhapatnam on yearly base.	Noted. PPP/BOT Operators are having PLI Policy.
44.	The Port shall comply with SoPs issued by CPCB time to time for all the wastes.	Noted and Complied.
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.	Noted and Complied.
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.	Complied. VPA deployed 3no.s of Mechanical Road Sweeping Machines to clean the roads on daily basis and it is ensuring by Environmental Task Force Team.
47.	The VPT shall maintain their own Task Force for regular monitoring and to take stringent action against the defaulters.	Complied. VPA having Environmental Task Force Team for monitoring environmental issues on daily basis addressed for issue to rectify the same
48.	The terminal shall use the NAVIS software to detect the material inside the containers.	Complied.
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.	Complied.

S. No	APPCB CFO directions of Dt. 13.04.2022	VPA Compliance Report
50.	The terminal shall put sign boards (demarcation) on each container representing type of material stored in the container.	Complied. Photographs are enclosed as Annexure – X.
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.	Noted. Photographs are enclosed as Annexure – XI.
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.	Complied. VPA developed green belt with 6,81,500 plants in and around port and VPA proposed 1million plantation drive in Visakhapatnam in phased manner
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.	Complied.
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 1 st of January and 1 st of July of every year. The first half yearly compliance reports shall be the audited through MoEF&CC recognized and National Accreditation Board for Laboratory Testing (NABL) accredited third party.	Complied. VPA has been submitted half yearly compliance in respect of EC IRO, to MoEF&CC, Vijayawada. CFO Half yearly compliance report is submitted to R.O., APPCB, Visakhapatnam and the same is hosted in VPA website.
55.	The Port Authorities shall obtain prior permission from MoEF&CC, Gol and APPCB for any changes in the cargo type / capacity.	Complied.
56.	Any other directions / circulars / notices issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.	Noted & being Complied.
57.	The VPT shall comply the Hon'ble NGT orders / directions from time to time.	Noted & being Complied.
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	Complied. VPA carried out Safety Audit by National Productivity Council, New Delhi.

S. No	APPCB CFO directions of Dt. 13.04.2022	VPA Compliance Report
	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.	Complied. VPA conducting Trainings and Mock Drills for all employees with internal and external trainers.
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.	Complied. Leakage detection system with alarming is provided. Photographs are enclosed as Annexure – XII.
4.	The Port shall install fluorescent Wind Vane at the highest point in the Port premises.	Complied. VPA provided fluorescent Wind Vane at the highest point in the Port premises to know the wind direction and speed. Photographs are enclosed as Annexure – XIII.
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.	Noted. VPA carried out Quantitative Risk Assessment Study by M/s. IRCLASS, Mumbai.
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.	Noted & Complied. VPA is having Disaster Management Plan along with Emergency Evacuation Plan. As per the Plan VPA conducting Mock Drills periodically.
SCHEDULE – C		
[See rule 6(2)][CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]		
1.	The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.	Complied.
2.	The authorization shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.	Noted.
3.	The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.	Complied.
4,	Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.	Complied.

S. No	APPCB CFO directions of Dt. 13.04.2022	VPA Compliance Report
5.	The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization 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.	Complied. VPA having Emergency Evacuation Plan, as per the plan VPA conducting Mock Drills periodically.
6.	The person authorized 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”.	Noted.
7.	It is the duty of the authorized to take prior permission of the State Pollution Control Board to close down the facility.	Noted.
8.	An applicable for the renewal of an authorization shall be made as laid down under these Rules.	Noted.
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.	Noted.
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.	Noted and Complied. VPA collecting and disposed through authorized vendors routed by APEMCL portal.
11.	The terminal shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016.	Noted and Complied. VPA disposed through authorized agencies as and when the sufficient quantity is reached to transport is routed by APEMCL portal.
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.	Noted.
13.	The terminal shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concern Regional Office of APPCB.	Noted.
14.	The terminal shall maintain proper records for Hazardous and Other Wastes stated in Authorization 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 & Trans boundary Movement) Rules, 2016.	Noted and Complied. VPA maintaining records and submitting as per the conditions.

CFO Compliance Status Report
for
Cruise – Cum - Coastal Cargo Terminal
Order No. APPCB/VSP/45/CTO/HO/2023 dated 12.07.2023

VISAKHAPATNAM PORT AUTHORITY

Sub: Half Yearly Compliance Status Report for the Period of Apr'24 to Sep'24 on Consent to Operate and Authorization for Cruise-Cum-Coastal Cargo Terminal at Visakhapatnam Port.

Ref: Consent Order No.: APPCB/VSP/45/CTO/HO/2023 dated 12.07.2023.

S.No.	APPCB CFO Conditions Dt. 12.07.2023	VPA Compliance Report
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.	Noted. VPA Will comply as and when such incidents happen.
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.	Complied. <ul style="list-style-type: none"> • VPT is not generating any trade effluent since no processing activity is involved in port operations, however the city sewage which is entering into harbor water being treated a 10 MLD sewage treatment plant being monitored by M/s SV ENVIRO Labs & Consultants fort-nightly. The values of treated effluent are well within the norms (Copies are enclosed as Annexure - I). • There are no emissions generated from chimneys, as there is no processing is involved.
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.	Noted.
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.	Complied.
5.	The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules,	Complied. Environment statement in Form V is being submitted to the

S.No.	APPCB CFO Conditions Dt. 12.07.2023	VPA Compliance Report
	1986 & amendments thereof.	concerned before 30th September every year. Latest submitted copy is enclosed as Annexure – II.
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.	Noted & Complied.
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.	Noted & Complied.
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.	Noted.
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.	Noted.
10.	The industry may explore the possibility of tapping the solar energy for their energy requirements.	Complied. VPA has established 10.77MW Solar Power Plant and utilized for captive power requirement.
11.	The industry should educate the workers and nearby public of possible accidents and remedial measures.	Complied. VPA conducting training programmes and Mock Drills for all employees.
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:		

S.No.	APPCB CFO Conditions Dt. 12.07.2023	VPA Compliance Report																		
1.	The terminal shall obtain permission from GVMC for sending domestic waste water to STP, Old Town, GVMC.	Complied. VPA having agreement with GVMC for supply of water.																		
2.	The terminal shall install flow meter for water consumption and wastewater generation for various purposes mentioned in CTO order.	Noted & Complied. Water meters are provided to know the consumption & Treated waste water from city drain which is entering into harbor water.																		
3.	The terminal shall not handle dusty cargo and shall handle MS ingots, Cement and Food grains only.	Noted & Complied. VPA not handle any dusty cargo at this berth.																		
4.	The terminal shall develop 33 % green belt of the total area with native species within 1 month.	Complied. VPA Developed Green Belt with 6,81,500 plants in and around port area.																		
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.	Complied																		
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.	Complied. VPA install 3 no.s of continuous AAQM Stations at 3 different locations viz., GCB, GVMC, R&D Yard.																		
WATER POLLUTION																				
7.	<p>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:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>S. No.</th> <th>Purpose</th> <th>Quantity in KLD</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Domestic (Cruise (Nov – March) – 1.68 KLD, Terminal building Staff – 0.9 KLD, Cargo handling (April-Oct) – 0.3 KLD)</td> <td>2.88</td> </tr> <tr> <td>2.</td> <td>Landscaping</td> <td>3.0</td> </tr> <tr> <td>3.</td> <td>Dust Suppression</td> <td>3.0</td> </tr> <tr> <td>4.</td> <td>Others</td> <td>5.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td>13.88</td> </tr> </tbody> </table> <p>Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above.</p>	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	<p>Complied.</p> <p>VPA provided water meter to know the consumption of water.</p> <p>VPA proposed to conduct Water Audit by third party. Accordingly action shall be initiated</p>
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																		
8.	Proper drains and wind barriers shall be provided around the stack yards.	Noted. VPA provided High rised wall and dust barriers along city interface.																		

S.No.	APPCB CFO Conditions Dt. 12.07.2023	VPA Compliance Report
9.	Under any circumstances, the facility shall not discharge any effluents into any water bodies.	Being Complied. VPA not having any process facility in the premises. There is effluents are generated and discharged. VPA install 10MLD capacity of STP to treat the city waste water, which is entering into harbor water. The treated water being used for dust suppression.
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.	Complied. VPA having 10.77MW Solar Power Plant and it is utilized for Captive power requirement. VPA have DG sets for usage of any emergency of power failures only.
11.	The terminal shall ensure compliance with ambient air quality standards of PM10 - 100 micro grams/ m ³ ; PM2.5 - 60 micro grams / m ³ ; SO ₂ - 80 micro grams/ m ³ ; NO _x – 80 micro grams/m ³ , (day average standards).	Noted. VPA carried out AAQ monitoring at 3 different locations. The monitoring results shall be maintained within the limits.
12.	The terminal shall ensure compliance of the National Ambient Air quality standards notified by MoE&F, Gol vide notification No. GSR 826(E), dated. 16.11.2009 during construction and regular operational phase of the project.	Complied. VPA ensured Ambient Air Quality with NAAQ Standards. The resultant parameters shall be maintained within the limits
13.	The stacking height of the materials stored on ground shall not exceed 8m above ground level.	Noted. VPA maintaining stacking height as per the CFO condition.
14.	All the cargo shall be stored in closed warehouse(s).	Noted. VPA constructed 4 no.s of covered store sheds and dusky cargo stored inside the shed
15.	The Port shall comply with the following for controlling fugitive emissions:	Complied.
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.	
a. VPA proposed mechanization of berths EQ-1&1A, EQ-6, EQ-7, WQ-6 and WQ-7&8. b. All cargo transporting trucks & wagons are covered with Tarpaulins. c. VPA deployed 3no.s mechanical road sweeping machines and water tankers to sprinkle on roads for dust suppression.		

S.No.	APPCB CFO Conditions Dt. 12.07.2023	VPA Compliance Report
d.	Based on traffic density/ vehicular movements anticipated from the port, parking facilities shall be provided.	d. VPA provided truck parking with amenities at PCR
e.	All the conveyor belts shall be covered with MS sheets	e. VPA having covered conveyor belt covered with G.L/ M.S Sheets
f.	The railway wagons and trucks shall be covered	f. The Cargo Transporting Trucks & Wagons are covered with Tarpaulins
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	Noted. VPA provided Water Sprinkling at Transfer points of belt conveyor and hoppers.
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, firefighting system etc. are to be provided.	Noted. VPA Provided Automated Mechanical Dust Suppression System (MDSS) at Stock yards and Berths. VPA deployed Water Tankers to Sprinkle on Roads and Truck Mounted & Trolley Mounted Fog Canon Machines at the time of cargo loading & unloading.
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.	Noted.
19.	The terminal shall maintain the following records and the same shall be made available to the inspecting officers of the Board:	Noted.
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/ nonhazardous 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.	Complied. VPA provide Display Boards at Stock Yards and Berths. (Photographs enclosed at Annexure-VII)
21.	The terminal shall submit action plan to minimize the solid waste at source which suitable sustainable technology.	Noted. VPA Collect and disposed to GVMC Dumping yard at

S.No.	APPCB CFO Conditions Dt. 12.07.2023	VPA Compliance Report
		Kapuluppada to generate Power from Waste by M/s. Jindal Urban Waste Management (Visakhapatnam) Pvt. Ltd.
22.	The terminal shall route the hazardous waste through APEMC and ensure routing the bilge oil generated from Ships through APEMC.	Complied. VPA routed to dispose Hazardous Waste through APEMCL portal. (Screen Shot of the APEMCL is enclosed as Annexure - VI).
23.	Fire detection and firefighting facilities with adequate water storage facility shall be provided in fire prone area in consultation with competent authorities.	Complied. VPA had a dedicated fire brigade with trained personnel.
24.	Onsite & offsite Disaster Management plan shall be prepared to meet any eventuality in case of any accident. Mock drills shall be conducted at least twice a year and modifications required if any shall be incorporated in Disaster Management Plan and shall submit to Board.	Complied. VPA having Disaster Management Plan along with Emergency Evacuation Plan. As per the Plan VPA conducting Mock Drills periodically.
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.	Complied. VPA 10MLD capacity STP to treat the city waste water which is entering into harbour water. The treated water being used for Dust Suppression and VPA carried out Marine Water Monitoring by Approved agency.
26.	The terminal shall maintain valid PLI policy which includes Environmental Relief Fund (ERF) and submit copy to RO, Visakhapatnam on yearly base.	Noted. PPP/BOT Operators are having PLI Policy.
27.	The terminal shall comply with SoPs issued by CPCB time to time for all the wastes.	Noted & Complied.
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.	Complied.
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	Complied. VPA has been submitted half yearly compliance in respect of EC IRO, to MoEF&CC, Vijayawada. CFO Half yearly compliance report is submitted to R.O., APPCB, Visakhapatnam and the same is hosted in VPA website.

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	reports shall be the 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	Complied.
31.	The Port Authorities shall obtain prior permission from MoEF&CC, Gol and APPCB for any changes in the cargo type / capacity.	Noted
32.	Any other directions / circulars / notices issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.	Noted
33.	The conditions are stipulated without prejudice to the rights and contentions of this Board in any Hon'ble Court of Law.	Noted.
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.	Complied. VPA carried out Safety Audit by National Productivity Council, New Delhi.
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.	Noted & being Complied. VPA conducting Trainings and Mock Drills for all employees with internal and external trainers.
36.	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.	Noted & being Complied. Leakage detection system with alarming is provided. Photographs are enclosed as Annexure – XII.
37.	The Port shall install fluorescent Wind Vane at the highest point in the Port premises.	Complied. VPA provided fluorescent Wind Vane at the highest point in the Port premises to know the wind direction and speed. Photographs are enclosed as Annexure – XIII.
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.	Complied.
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	Noted. VPA carried out Quantitative Risk Assessment Study by M/s.

S.No.	APPCB CFO Conditions Dt. 12.07.2023	VPA Compliance Report
	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 MSIH Rules, 1989.	IRCLASS, Mumbai.
SCHEDULE - C		
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.	Noted
2.	The authorisation shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.	Noted.
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.	Noted
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.	Noted
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;	<p style="text-align: center;">Complied.</p> VPA having Emergency Evacuation Plan, as per the plan VPA conducting Mock Drills periodically.
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".	Noted.
7.	It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.	Noted.
8.	An application for the renewal of an authorisation shall be made as laid down under these Rules.	Noted.
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.	Noted & Complied.
Specific Conditions		
10.	The terminal shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in	<p style="text-align: center;">Complied.</p> VPA collecting and disposed

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	their premises till its disposal to the manufacturers / dealers on buyback basis.	through authorized vendors routed by APEMCL portal.
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.	Noted & Complied. VPA disposed through authorized agencies as and when the sufficient quantity is reached to transport is routed by APEMCL portal.
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.	Noted.
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.	Complied.
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.	Complied. VPA maintaining records and submitting as per the conditions.