



ANDHRA PRADESH POLLUTION CONTROL BOARD
Paryavarana Bhavan, A-III, Industrial Estate,
Sanathnagar, Hyderabad-500 018
Phone : 040-23887500, Website : www.appcb.ap.nic.in

**RED CATEGORY
RENEWAL OF CONSENT & AUTHORIZATION ORDER
BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE**

Consent Order No : APPCB/VSP/VSP/349/CFO/HO/2016-

Date : 27.02.2016

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules, 2008 & Amendments thereof and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

**M/s. Essar Vizag Terminals Ltd.,
Ore Handling Complex,
Near Flyover, Scindia Road,
Visakhapatnam Port Trust,
Visakhapatnam – 530004.
E-mail: chv.rao@essar.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) Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge KLD	Point of Disposal
1	Domestic Effluents	2.88	Septic tank followed by soak pit.

ii) Emissions from chimneys: NIL

iii) HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 5 (4)]: NIL

This consent order is valid for Loading / Handling of 12.5 Million TPA of Iron Ore in Phase – I at OB-1 & OB-2 berths of M/s. Visakhapatnam Port Trust.

11-12 17-18
8.5 MTPA - 16-17
S. B. M. L.

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 Authorization shall be valid for a period ending with the 31st day of October, 2017.

Sd/-
MEMBER SECRETARY

✓ To
M/s. Essar Vizag Terminals Ltd.,
Ore Handling Complex,
Near Flyover, Scindia Road,
Visakhapatnam Port Trust,
Visakhapatnam – 530004

// T.C.F.B.O. //

Wla
23/16.
Joint Chief Environmental Engineer
Unit Head-IV

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. 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.
3. The facility should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.
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 facility shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by 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. 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.

SCHEDULE-B

WATER POLLUTION:

1. The water consumption quantities of the facility are mentioned below:

S.No	Purpose	Quantity (KLD)
1.	Sprinkling	2000.0
2.	Domestic	4.8
	Total	2004.8

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

AIR POLLUTION:

1. The facility shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10 μ m) - 100 μ g/ m³; PM2.5 (Particulate Matter size less than 2.5 μ m) - 60 μ g/ m³; SO₂ - 80 μ g/ m³; NO_x - 80 μ g/m³, outside the factory premises at the periphery of the industry.
Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.
Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)
Night time (10 PM to 6 AM) - 70 dB (A)
2. The facility shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Act Rules. In case of DG sets of capacity 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.
3. The facility shall not operate new stock yards without valid permission from the A.P. Pollution Control Board.
4. The air pollution control system provided at Iron Ore Handling Complex (OHC) shall be maintained and operated properly for control of dust pollution.
5. The facility shall ensure that it operate the MDSS continuously for the dusty cargo stock yards. It shall provide dedicated tankers in the stock yards which are not provided with the MDSS in such a way that the entire stock yard is sprinkled once in two hours.

GENERAL:

1. The facility shall install CAAQM Station within the premises as per the specifications of CPCB for online monitoring of PM₁₀, PM_{2.5}, SO₂ & NO_x with networking facility to Head Office, APPCB by March, 2015.

2. The facility shall not increase the cargo handling capacity beyond the permitted capacity mentioned in this order.
3. 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 at transfer points of the conveyor belt.
4. The facility shall provide standby centrifugal pump with drive motor for uninterrupted supply of water for dust suppression of the cargo.
5. The facility shall clean the internal roads on a daily basis.
6. The facility shall have own Task Force for regular monitoring and control of pollution.
7. The height of the stored material stockpiles shall not exceed 6 meters.
8. The facility shall submit the Fire and safety audit to the RO, Visakahapatnam. The facility shall obtain NOC from the Director, Fire Fighting with regard to the Fire Fighting facilities provided and safety measures adopted.
9. **Notwithstanding anything contained in the Concession Agreement between M/s. VPT and M/s. Essar Vizag Terminals Ltd., the applicant will be held liable for any violation of the conditions of consent or any other directive / rules / orders made under Environmental Laws.**
10. **The facility shall obtain necessary permissions from the MoEF as required.**
11. The conditions are stipulated without prejudice to the rights and contentions of this Board, in any Hon'ble Court of Law.
12. The industry shall comply with CPCB directions dated 05.02.2014 / 02.03.2015 and guidelines issued regarding online monitoring systems issued from time to time.
13. The facility shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
 - a. Daily production details (ER-1 Central Excise Returns).
 - b. Quantity of Effluents generated, treated, recycled/reused and disposed to CETP.
 - c. Log Books for pollution control systems.
 - 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.
14. The facility shall install / implement following for controlling dust emissions:
 - a. Fully mechanized handling equipment for loading and unloading operations.
 - b. Closed conveyor belt with water sprinkling arrangement for suppression of dust while conveying cargo.
 - c. Vehicle movement shall be eliminated by implementing mechanical operation.
 - d. Automated mechanical water sprinkling shall be provided on roads and at dusty cargo storage areas, for suppression of dust.
15. The facility shall develop green belt in all the vacant places. In future, excess green belt over and above 33 % of total area can be utilized for industrial activity as per requirement of industry.

SCHEDULE – C

[See rule 5(4)]

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

1. All the rules and regulations notified by Ministry of Environment and Forests, Government of India under the E(P) Act, 1986 in respect of management, handling, transportation and storage of the Hazardous wastes should be followed.
2. The facility shall not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof.
3. The facility 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.
4. The facility shall maintain 6 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.
5. The facility shall maintain proper records for Hazardous 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 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.
6. The unit shall submit the condition wise compliance report of the conditions stipulated in Schedule A, B and C of this order on half yearly basis to Board Office and concerned Regional Office.

Sd/-

MEMBER SECRETARY

To
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Ore Handling Complex,
Near Flyover, Scindia Road,
Visakhapatnam Port Trust,
Visakhapatnam – 530004.

// T.C.F.B.O. //

WRP
2/3/16.

Joint Chief Environmental Engineer
Unit Head-IV

