



CONSENT ORDER FOR ESTABLISHMENT

Order No. 45/APPCB/CFE/RO-VSP/HO/2006

Dt: 18.12.2017

Sub: PCB – CFE - **M/s. Visakhapatnam Port Trust, Visakhapatnam** – Consent for Establishment of the Board for **expansion - Handling of Additional Cargo** -under Sec.25 of Water (P & C of P) Act, 1974 and Under Sec.21 of Air (P&C of P) Act, 1981 - Issued - Reg.

Ref:

- 1) Environmental & CRZ Clearance dt. 25.05.2016.
- 2) Renewal of Consent & Authorisation order dt. 11.05.2017.
- 3) Industry's application recd. through AP OCMMS dt. 19.11.2017.
- 4) R.O's inspection report dt. 21.11.2017.
- 5) CFE Committee meeting held on 18.12.2017.
- 6) Proponent's mail dt. 18.12.2017.

1. In the reference 3rd cited, an application was submitted to the Board seeking Consent for Establishment (CFE) for **expansion of CFE for Handling of additional cargo of 6.39 MMTPA by Developing West Quay North (WQ – 7 & WQ – 8) berths with fully mechanized handling facilities for handling bulk cargo on DBFOT basis at Visakhapatnam Port** as mentioned below, with an additional project cost of Rs. 249.93 Crores.

Existing as per CFO dt. 11.05.2017	Proposed for Expansion
Handling cargo of 34.1 Million MT / Annum, in inner harbour (EQ 1 TO EQ 7 berths, WQ 1 TO WQ 5 berths, OR 1. & OR 2 berths and fertilizer berth) and outer harbour (OSTT, NOM, LPG BERTH AND MPB)	Handling of additional cargo of 6.39 MMTPA by Developing West Quay North (WQ – 7 & WQ – 8) berths with fully mechanized handling facilities for handling bulk cargo on DBFOT basis such as Gypsum, bauxite, other dry bulk cargo (excluding all types of coal, coke and finished fertilizers), ore (other than iron ore), etc.

2. As per the application, the above activity is to be located at M/s. Visakhapatnam Port Trust, Visakhapatnam within the existing area of 29,960 Sq. m i.e., 7.40 acres. The total berth built up area is 560 m x 33.5 m = 18,760 Sq. m i.e., 4.64 acres.
3. The above site was inspected by the Environmental Engineer and Asst. Environmental Engineer-III, Regional office, Visakhapatnam, A.P Pollution Control Board on 20.11.2017 and observed that the activity is surrounded by inner harbour of Visakhapatnam Port Trust on all sides.
4. The Board, after careful scrutiny of the application and verification report of Regional Officer, hereby issues **CONSENT FOR ESTABLISHMENT FOR EXPANSION** to your activity Under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to the activity as mentioned at para (1) only.**
5. This Consent Order now issued is subject to the conditions mentioned in Annexure.

6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.
7. **This order is valid for period of 7 years from the date of issue.**

Encl: Annexure

MEMBER SECRETARY

To

**M/s. Visakhapatnam Port Trust,
Port Area,
Visakhapatnam
info@vizagport.com**

Copy to: 1. The JCEE, Z.O., Visakhapatnam for information and necessary action.
2. The E.E., R.O, Visakhapatnam for information and necessary action.

Annexure

1. The proponent shall obtain Consent for Operation (CFO) from APPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the trial runs.
2. The applicant shall provide separate energy meters for Effluent Treatment Plant (ETP) and Air pollution Control equipments to record energy consumed. An alternative electric power source sufficient to operate all pollution control systems shall be provided.
3. The industry shall construct separate storm water drains and provide rain water harvesting structures. No effluents shall be discharged in to the storm water drains.

Water:

1. The source of water is GVMC and the maximum permitted water consumption is as following:

Sl. No.	Purpose	Quantity as per CFO dated 11.05.2017 (KLD)	Proposed for expansion
1.	Sprinkling and dust suppression	Sewage water - 10 MLD	20 KLD
2.	Domestic	Fresh water – 4 L Gal/day or 4410.0 KLD	20 KLD

2. The maximum waste water generation shall not exceed the following:

S. No.	Source	Qty as per CFO dt. 11.05.2017	Proposed for expansion
1.	Domestic Effluents	19.04 KLD	16 KLD
2.	Domestic Effluents from Gangullagedda and Yerrigedda after treatment	10,000 KLD	----

a) ETP Details & Mode of Disposal:

Source of effluent	Treatment	Mode of final disposal
Domestic sewage Domestic effluents from Gangullagedda, Chakaligedda and Yerrigedda	STP of 10 MLD capacity consists of Bar Screen Chamber, Aeration tank, Clarifier, Chlorination tank, Return sludge sump and Sludge drying beds.	For dust suppression purpose

3. The Sewage Treatment Plant (STP) shall be operated regularly to meet the standards prescribed. All the units of the STP shall be impervious to prevent ground water pollution.
4. Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
 - a) Sprinkling and dust suppression.
 - b) Domestic purposes.
5. The industry shall provide digital flow meters with totalisers at water inlet and at the STP outlet for assessing water consumed for dust suppression and runoff from the MDSS.

Air:

6. The Air pollution Control equipment shall be installed along with the commissioning of the activity and shall comply with the following for controlling air pollution for the proposed expansion:

Sl. No	Details of Stack	Stack – 1
a)	Attached to	D.G. Set
b)	Capacity	2 X 320 KVA & 4 X 125 KVA
c)	Fuel quantity	Diesel
d)	Stack height	2 m
e)	Control Equipment	Acoustic enclosures

7. The proponent shall implement fully mechanized handling facilities for handling and stacking of cargo.
8. The industry shall provide standby centrifugal pump with drive motor for uninterrupted dust suppression of the cargo.
9. All the transfer points, loading / unloading points and conveyer systems shall be housed completely with leak proof arrangements. Adequate dust suppression and containment measures shall be implemented for effective control of fugitive emissions.
10. **The proponent 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.**
11. The generator shall be installed in a closed area with a silencer and suitable noise absorption systems. The ambient noise level shall not exceed 75 dB(A) during day time and 70 dB(A) during night time.

Solid / Hazardous Waste:

12. The industry shall comply with the following for disposal of Solid waste:

S. No	Name of the waste	Quantity as per CFO dt. 11.05.2017	After expansion	Disposal Option
1.	Used lubricating oil/ Waste oil / drained oil	70 KLPA	90 KLPA	Authorized Re-processors / Re- cyclers.
2.	Sludge containing oil from ships	80 KLPA	80 KLPA	
3.	Empty oil barrels	700 Nos/year	700 Nos/ year	Shall be disposed to the outside agencies.
4.	E-waste	0.5 TPA	0.5 TPA	Authorized Re-processors / Re- cyclers.

13. Fire detection and fire fighting facilities with adequate water storage facility shall be provided in fire prone area in consultation with Directorate of Fire Firefighting.
14. The following rules and regulations notified by the MOEF&CC, GoI, New Delhi shall be implemented.
- a) Hazardous waste and other wastes (Management and Transboundary Movement) Rules, 2016.
 - b) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
 - c) Fly Ash Notification, 2016.
 - d) Batteries (Management & Handling) Rules, 2010.
 - e) E-Waste (Management) Rules, 2016.
 - f) Construction and Demolition waste Management Rules, 2016.
 - g) Solid Waste Management Rules, 2016.

Other Conditions:

15. Green belt of adequate density and width shall be developed and maintained in an area of 0.46 acre along the boundary of the stacking area.
16. The industry shall submit the information regarding usage of Ozone Depleting Substance once in six months to the Regional Office and Zonal Office of the Board.
17. The proponent shall ensure that there shall not be any change in the process technology and scope of working without prior approval from the Board.
18. The proponent shall comply with all the directions issued by the Board from time to time.
19. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order attracts action under the provisions of relevant pollution control Acts.
20. The Board reserves its right to modify above conditions or stipulate new / additional conditions and to take action including revoke of this order in the interest of environment protection.

MEMBER SECRETARY

To

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