

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Red/MSI

Consent order No :- Format1.0/BO/RO(HQ)/EIC No.Mu-6655-15/E /CC-10447 Date-07/08/15

To,
M/s. Yogayatna Ports Pvt.Ltd.,
CTS No.508,Behind Octroi Naka,
Mouje Turbhe,Mankhurd

Subject: Consent to Operate in RED category.

Ref : Minutes of CC meeting held on 23.06.2015.

Your application: CE1503000868 Date 23.02.2015.

For: Consent to Establish

Under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to establish is granted for a period up to Commissioning of the project or whichever is earlier.
2. The proposed capital investment of the project is Rs. 4.25 Crs. (As per undertaking submitted by industry).
3. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity	UOM
for proposed jetty for Cargo Terminal (for loading & unloading of cargo) having size of jetty 65 Mtrs X12 Mtrs having cargo handling capacity 4.5 MTPA			

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	---	--	--
2.	Domestic effluent	8.5	As per Schedule -I	On land for gardening.

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1	DG Sets-[75 KVA X2]	1	As Per Schedule -II

6. Conditions about Non Hazardous Wastes:

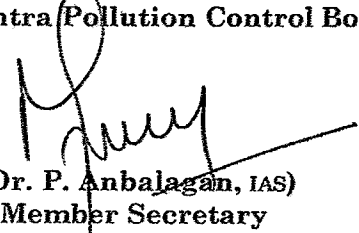
Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
NIL				

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
Nil						

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. The applicant should not take any effective steps for implementation of the project before obtaining Environmental Clearance as per EIA Notification 2006 and amendments thereto.
11. PP shall comply condition stipulated in CRZ Clearance granted by MCZMA vide No.CRZ-2009/CR-212/TC-3 Dated 2/2/2011.

For and on behalf of the
Maharashtra Pollution Control Board


(Dr. P. Anbalagan, IAS)
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	Rs. 15,000/-	652031	21.1.2015	State Bank of India
2.	Rs.100/-	652225	30.3.2015	State Bank of India

Copy to:

1. Regional Officer - Mumbai and Sub-Regional Officer- Mumbai-III, MPCB.
They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) A] Trade effluent Generation: Nil.

B] Trade effluent treatment: N.A.

C] Trade effluent Disposal: N.A.

2) A.] As per your consent application, you have provided the septic tank followed by soak pit for sewage effluent of Capacity 8.5 CMD.

B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

(1)	Suspended Solids.	Not to exceed	100 mg/l.
(2)	BOD 3 days 27oC	Not to exceed	100 mg/l.

C] The treated sewage shall be disposed on land for gardening

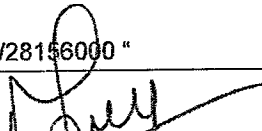
3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.

4) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	---
2.	Domestic purpose	20
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	---
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	-----
5.	Gardening	-----

6) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install/ provided the Air pollution control (APC) system and also proposed to erect / erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack To	Attached APC System	Height in Mtrs	Type of Fuel	Quantity & UoM	S %	SO ₂ Kg/Day
1	DG Sets- [75 KV Ax2]	Stack	6.0	HSD	1100 Ltrs/hrs	-	--

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm ³ .
SO ₂	Not to exceed	--

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
6. Control equipment such as dust collectors, separators and hoods shall be deployed where ever required to control the fugitive emissions.
7. Optimum water spraying shall be done so as to suppress the fugitive emission of dust/particles matters so as to achieve suspended particulate matter (SPM) levels below 500 micrograms /M³ for 24 hours average in the vicinity.
8. Trucks if used for internal movement of coal shall be mechanically closed type. Open trucks shall not be used for internal material handling/transportation movement.
9. The industry shall take adequate measures for control of noise levels from its own sources as to maintain ambient air quality standards in respect of noise to less than

75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. to 10 p.m. and night is reckoned in between 10 p.m. to 6. a.m.

10. Environmental monitoring for air and water shall be done during the operation of coal jetty. Air monitoring shall be done near berth as well as material storage yard for PM10 & PM2.5 within 500 m distance from material handling points at storage yard and loading point at berth. Monitoring can be done through any laboratory approved by the Ministry of Environment and Forest, Govt of India, New Delhi under environment (protection) Act, 1986. The Ambient Air Quality Monitoring shall be done on twice a week basis continuously for 24 hours. The monitoring shall be done as per CPCB guidelines in this respect.
11. Marine survey shall be carried out once in a fortnight near berths for the environmental parameters such as physical, chemical, physic-chemical, biological/bio-monitoring including heavy metals.
12. In addition to point no iii above Sea water monitoring shall be carried out at following locations once in fortnight
- I. Between material handling berth and approach channel
 - II. At 500 m distance on both sides of the approach channel
 - III. At 1000 m distance from coal berth towards sea
13. The results of the environment monitoring shall be submitted to the MPC board on monthly basis.
14. All possible care shall be taken so that the natural environment including flora and fauna in the vicinity is not adversely affected due to transportation of materials.

Schedule-III

Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to E	Rs.5 Lakh	15 Days	Towards compliance of consent conditions	Upto Commissioning of the project	Five years

Schedule-IV

Conditions during construction phase:

a	During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
b	During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
c	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 3) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 4) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 5) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 6) The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 7) The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 8) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 9) **The applicant shall obtain Consent to Operate from Board before commissioning of the project.**
- 10) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
- 11) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 12) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.

13) Conditions for D.G. Set

- a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 14) The industry should not cause any nuisance in surrounding area.
- 15) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 16) The applicant shall maintain good housekeeping.
- 17) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 18) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 19) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 20) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 21) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 22) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.

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