

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Consent order No :- Format I.0/BO/CAC-cell/EIC no.RD-2792-14/E (amendment)/CAC- 10000
Date- 30/10/2014

To,
M/s. JSW Dharamtar Port Pvt. Ltd.
(Formerly known as M/s. JSW Ispat Steel Ltd.)
Village: Dolvi, Tal: Pen,
Dist: Raigad

Subject: Amendment in Consent to Establish for expansion of existing captive Jetty from 331.5 mtrs to 1750 mtrs in RED category.

Ref :

1. Consent to Operate (existing) granted vide no. BO/JD(APC)/EIC No. RD-2491-12/CC-CAC-1586 dated 22.2.2013.
2. Previous Consent to Establish (expansion from 331.5 mtrs to 1741 mtrs) granted vide no. BO/JD(APC)/EIC no. RD-1719-10/E/CAC-72 dated 16.12.2011.
3. Minutes of 20th CAC meeting of 2014-2015 held on 20.10.2014

Your application CE1408000336
Dated: 16.8.2014

For: Amendment in Consent to Establish for expansion of existing captive Jetty from 331.5 mtrs to 1750 mtrs under Section 25 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 port or 15.12.2016 whichever is earlier.
2. The proposed capital investment of the industry is Rs. 1671 crs. (As per DPR report certified by CA submitted by industry)
3. The Consent to establish for expansion of existing captive jetty from 331.5 mtrs to 1750 mtrs (captive jetty only) is valid for the handling of multiple cargos as below -

Sr. No.	Name of the Cargo	Sr. no.	Name of the Cargo
1	Coal	14	DAP
2	Coke	15	Dolomite
3	All kinds of coal products	16	Clinker
4	Bauxite	17	Limestone
5	Fertiliser	18	Food grains
6	Sulphur	19	Pulses
7	Cement	20	Mill Scale
8	Slag	21	Iron Based Raw Material
9	Sugar	22	Coal Based Raw Material
10	Steel coils	23	Flux
11	Plates and related products	24	HR Coil
12	Tiles	25	GBS
13	Ammonium nitrate	26	Container
Total			35,00,00,000 MT/Year

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	Nil	NA	NA
2.	Domestic effluent	40	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.	Nil	NA	NA

6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Packaging material, papers, labour, camp waste	0.3 MT/day	Segregation, bio-degradable composting	Segregation bio-degradable after composting used as manure and non-biodegradable sale

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
1	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. As per Para 2 of EIA notification dated-14/09/2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated-19/8/2010, fencing of the site to protect it from getting encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps.
11. This consent is issued with overriding effect over previous consent to establish granted vide no. BO/JD(APC)/EIC no. RD-1719-10/E/CAC-72 dated 16.12.2011.

For and on behalf of the
Maharashtra Pollution Control Board

(Rajeev Kumar Mital, IAS)
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On	Remarks
1	Rs. 60,000/-	552064	20.1.2009	State Bank of India	As per previous C to E dtd 16.12.2011
2.	Rs. 971,000/-	555691	30.3.2009	State Bank of India	
3.	Rs. 2,00,000/-	001298	5.7.2014	Axis Bank	C to E fees towards increase in CI from Rs. 1571 crs to Rs. 1671 crs.

Copy to:

1. Regional Officer - Raigad and Sub-Regional Officer- Raigad-II, MPCB, Raigad. 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] As per your consent application, you have proposed to provide the sewage treatment system with the design capacity of 50 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 purpose within the port area.

- 2) 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.
- 3) 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.
- 4) 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	650 (Sprinkling), 100(gardening) 800 (firefighting)
2.	Domestic purpose	50
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	Nil
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil

- 5) 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/ Environmental Clearance / CREP guidelines.
- 6) Environmental monitoring for water shall be done during the operation of coal jetty. Sea water monitoring shall be carried out at following locations once in fortnight
- 1) Between coal berth and approach channel
 - 2) At 500 m distance on both sides of the approach channel
 - 3) At 1000 m distance from coal berth towards sea
- 7) Marine survey shall be carried out once in a fortnight near coal berth for the environmental parameters such as physical, chemical, physico-chemical, biological/bio-monitoring including heavy metals.
- 8) The results of the environment monitoring shall be submitted to the MPC board on monthly basis

Schedule-II

Coal and other ore minerals Handling, Storage and Movement:

1. Trucks if used for internal movement of coal shall be mechanically closed type. Open trucks shall not be used for internal coal movement.
2. 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 coal.
3. All the barges used for transportation of coal shall be as per the approved criteria laid down by the MMD or IRS as the case may be.
4. The Jetty shall be provided with adequate capacity mechanized equipments like screw unloaders for unloading the coal and closed pipe conveying system for transportation of coal to avoid fugitive emissions and operate and maintain them properly.
5. The offshore facility for transit storage of coal near the coal Jetty shall be provided with adequate water sprinkling facility to avoid fugitive emission of particulate matter.
6. With the issuance of this consent to operate coal handling shall not be done elsewhere except without specific prior permission of the Board.

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
Existing						
1	Operate	Rs. 10 lakh	--	O & M of pollution control system	--	
Proposed						
1	C to E (expansion)	Rs. 10 lakh	15 days from date of issue consent	Towards not to take effective steps towards implementation of project prior to obtaining EC	COU or 15.12.2016 whichever is earlier	30.4.2017

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 shall be controlled by providing an acoustic enclosure by treating the room accordingly.

- 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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