

MAHARASHTRA POLLUTION CONTROL BOARD

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Redi L.S.I

Consent No.BO/JD(APC)/EIC No.RD-1719 -10/E- CAC-72 Date: 16/12/2011

Consent to Operate 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 / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008

[To be referred as Water Act, Air Act and HW (M, H & TBM) Rules respectively].

CONSENT is hereby granted to

**M/s JSW Ispat Steel Ltd.(Non Captive Jetty)
Formerly Known as M/s Ispat Industries Limited.
Geetapuram Dolvi,
Tal:Pen, Dist:Raigad.**

Located in the area declared under the provisions of the Water Act, Air Act and Authorization under provisions of HW (M,H &T) rules and amendments thereto subject to the provisions of the Act and the Rules and the orders that may be made further and subject to the following terms and conditions.

1. The Consent to Establish for expansion of existing captive jetty from 331.5 mtrs to 1741 mtrs non-captive jetty is valid up to commissioning of the project or five years period whichever is earlier.

Proposed for handling third party materials 1)Coal 2) Coke, 3) All Kinds of coal products, 4) Bauxite, 5) Fertilizer, 6) Sulphur, 7) Cement, 8) Slag, 9) Sugar, 10) Steel Coils, 11) Plates and related products, 12) Tiles, 13) Ammonium Nitrate, 14) DAP, 15) Dolomite, 16) Clinker, 17) Lime Stone, 18) Food grains, 19) Pulses, 20) Mill Scale - Total quantity -1, 40, 00,000 MT/Year

"Consent to Establish will be operational only after obtaining amendment of Environmental Clearance from Competent Authority by the applicant and subject to the compliance of conditions stipulated in an Environmental Clearance including conditions which may be more stringent, if stipulated by / in the Environmental Clearance."

2. CONDITION UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the coal jetty shall be nil.
- (ii) The daily quantity of sewage effluent from the jetty shall not exceed 20 CMD.
- (iii) Trade Effluent Disposal: --
- (iv) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.
 - a) Suspended Solids Not to Exceed 100 mg/l
 - b) BOD 3 days 27 deg C Not to Exceed 100 mg/l
- (v) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in to soak pit which shall be got cleaned periodically. Over flow if any shall be used on land for gardening/plantation only.

3. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

The daily water consumption for the following categories is as under:

Sr.no	Usage	
(i)	Domestic	50 CMD
(ii)	Industrial Processing	-- CMD
(iii)	Industrial Cooling /Boiler	-- CMD
(iv)	Agriculture / Gardening	-- CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

4. CONDITION UNDER AIR ACT.

A) Control Equipments and Measures

- i) Control equipment such as coal dust collectors, separators and hoods shall be deployed where ever required to control the fugitive emissions.
- ii) 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.
- iii) Trucks if used for internal movement of coal shall be mechanically closed type. Open trucks shall not be used for internal coal movement.

5. OTHER CONDITIONS

- i) 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.
- ii) Environmental monitoring for air and water shall be done during the operation of jetty. Air monitoring shall be done near coal berth as well as coal yard for PM10 & PM2.5 within 500 m distance from coal handling points at coal yard and loading point at coal 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 AAQ monitoring shall be done on alternate day basis continuously for 24 hours. The monitoring shall be done as per CPCB guidelines in this respect.
- iii) 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.
- iv) In addition to point no(iii)above 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
- v) The results of the environment monitoring shall be submitted to the MPC board on monthly basis.
- vi) 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.
- vii) 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.
- viii) 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.
- ix) 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. CONDITIONS UNDER HW (M, H & T) RULES, 2008

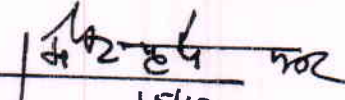
The industry shall handle hazardous waste as specified below

Sr No	Type of Waste	Quantity	UOM	Disposal
1	Used/Spent oil category 5.1	500	Liters / month	Sale to SPCB/CPCB authorized re-refiner/reprocessor

:5:

- i) Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be forthwith reported to the MPC Board.
7. The applicant shall obtain amendment in the Environmental Clearance and obtain CRZ clearance from the competent authority.
8. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
9. This consent is issued with an overriding effect on earlier Consent granted by the Board vide letter no.BO/RO(P&P)/EIC no.MU1081-09/E/CC-201 Dated 24.06.2009.
10. The total Capital investment of the industry is Rs. 1571 Crores.
11. This is issued with approval of Consent Appraisal Committee meeting of the Board held on dtd. 05.12.2011.

For and on behalf of the
Maharashtra Pollution Control Board


15/12
(Milind Mhaiskar, IAS)
Member Secretary

To
M/s JSW Ispat Steel Ltd.(Jetty)
Formerly Known as M/s Ispat Industries Limited.
Geetapuram Dolvi,
Tal:Pen, Dist:Raigad

Copy to
RO-Raigad, Navi Mumbai/SRORaigad-II/CAO CESS branch/ Master file.

Consent fee already paid by the industry -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	Rs. 60,000/-	552064	20.01.2009	State Bank Of India
2	Rs.9,71,000/-	555691	30.03.2009	State Bank of India