


MAHARASHTRA POLLUTION CONTROL BOARD

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Red/ L.S.I

Consent No: **BO/JD(APC)/EIC No. RD- 2240-12/O/CC-505** Date: **07/08/2012**.

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

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

CONSENT is hereby granted to

**M/s. India Steel Works Ltd.
Zenith Compound Khopoli
Dist Raigad,**

Located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) 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 Operate is granted for a period up to 31.12.2014.

2. The Consent is valid for the manufacture of-

Sr. No	Products	Maximum Quantity
1.	Stainless Steel Bars & Alloy Steel Billets & Flats	4000 MT / Month

3. **CONDITIONS UNDER WATER (Prevention & Control of Pollution) ACT, 1974:**

- i. The daily quantity of trade effluent from the factory shall be Nil.
- ii. The daily quantity of sewage effluent from the factory shall not exceed **2.0 m³/day**.
- iii. **Trade Effluent treatment and disposal: N.A.**
- iv. **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality & operate & maintain the same continuously so as to achieve the quality of the treated effluent to the following standards-

1.	Suspended Solids	Not to exceed	100	mg/l
2.	BOD 3 days 27°C	Not to exceed	30	mg/l

- v. **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening/ plantation only.

vi. **Non-Hazardous Solids Wastes:**

Type of waste	Quantity	Treatment	Disposal
Slag	250 MT / M	--	Landfill within own premises

- vii. **Other Conditions:** The industry shall monitor effluent quality regularly

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

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

(i)	Domestic	--	11 CMD
(ii)	Industrial Processing	--	--- CMD
(iii)	Industrial Cooling	--	2.5 CMD
(iv)	Agriculture / Gardening	--	2.5 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.

5. **CONDITIONS UNDER AIR (Prevention & Control of Pollution) ACT, 1981:**

- i. The applicant shall install a comprehensive control system consisting of control equipment as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

A) Control Equipment :

- Adequate Cyclone followed by Bag house/ wet type ventury scrubber of sufficient capacity shall be provided to furnace and at all dust generating locations and operated properly & continuously
- There shall not be any secondary (fugitive) emissions
- Industry shall provide secondary emission control system for emission occurring during the process of loading of raw material as well as unloading the product i.e. while pouring the molten metal.**

B) (i) Standards for Emissions of Air Pollutants:

i	SPM / TPM	Not to exceed	150	mg/Nm ³
ii	SO ₂	Not to exceed	540	Kg/day

(ii) **The applicant shall observe the following fuel pattern**

S No.	Type of Fuel	Quantity
1.	Furnace Oil	3.2 KL/day
2.	CBFS	12.8 KL/day

(iii) **The applicant shall erect the chimney(s) of the following specifications:**

S No.	Chimneys attached to	Height in Mtrs.
1.	Rolling Mill Furnace	35 m
2.	Steel Melting Shop	48 m

(iv) 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 emissions shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

(v) 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 daytime and 70 dB(A) during night time. Day time is reckoned between 6 am and 10 pm and night time is reckoned between 10 pm and 6 am.

(vi) **Other Conditions:**

- 1) The industry shall not cause any nuisance in surrounding area.
- 2) The industry shall monitor stack emissions and ambient air quality regularly.

6. CONDITIONS UNDER HW (Management, Handling & Transboundary Movement) RULES, 2008:

I. The industry shall handle hazardous wastes as specified below:-

Sr. No.	Type of HW	QTY.	UOM	Disposal
1.	Slag from induction Furnace	100	MT/M	CHWTSDF
2	Process Dust/Mill Scale	250	MT/M	CHWTSDF
3	Used oil	100	Ltrs/M	SPCB/CPCB authorized reprocessor or/CHWTSDF

II. Treatment: ---

III. The authorization is hereby granted to operate a facility for collection, storage, transport and disposal of hazardous waste.

7. 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 Service, 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.

8. General Conditions:

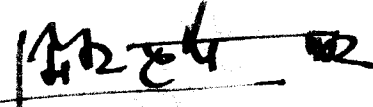
- a. The applicant shall bring minimum 33 % of the available open land under green coverage/ plantation. The shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- b. The applicant shall provide for an alternative electric power source sufficient to operate all pollution control facilities installed by the applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant shall stop, reduce, or otherwise, control production to abide by terms and conditions of this consent regarding pollution levels.
- c. The applicant shall make an application for renewal of consent atleast 60 days before the date of expiry to the consent. The applicant shall not change or alter the quantity, quality, rate of discharge, temperature or the mode of effluent/ emissions or hazardous waste or control equipments provided for without previous written permission of the Board.
- d. The firm shall submit to this office, the 30th day of September, 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, before 30th September every year.
- e. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluents treatment plants and air pollution control system. A register showing consumption of chemical used for treatment shall be maintained. The applicant shall also submit a comparative statement of designated power and chemical consumptions vis-à-vis actual power and chemical consumption along with Environment statement.
- f. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangements for measuring the flow. No effluent shall be admitted in the pipes/ sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises shall be allowed to mix with effluents from the factory.
- g. 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. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- h. The industry shall ensure that the fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area/ inhabitants.

9. The industry shall comply with the Hazardous Waste (Management & Handling) Rules, 2003, as amended.
10. This Board reserves right to amend or add any conditions in this consent and the same shall be binding on the applicant.

11. The capital investment of the industry is Rs. 100/- Crores

12. This is issued with approval of Consent Appraisal Committee meeting of the Board held on dtd. 25.07.2012 .

For and On Behalf of the
Maharashtra Pollution Control Board,



(Milind Mhaiskar)
Member Secretary

To
M/s. India Steel Works Ltd.
Zenith Compound Khopoli,
Dist. Raigad

Copy to:-

1. Regional Officer, MPCB Raigad
2. Sub Regional Officer, MPCB Raigad
- They are directed to ensure the compliance of the consent conditions and submit the status report periodically.
3. CAO/ Cess Branch/ Master File

Received Consent fee as per revised consent Fee GR dated 25.8.2011.

Amount	DD No	Date	Drawn on
Rs. 3,81,350/-	104781	04.01.2012	Kotak bank
Rs. 2,18,650/-	027546	31.07.2012	Bank of Maharashtra

*Industry has paid excess consent fees of Rs.2, 25,000/- in the Board, which will be considered at the time of next renewal of consent to operate.