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|-----|-------------------|---------------|-----|-------|
| (1) | Suspended Solids | Not to exceed | 100 | mg/l. |
| (2) | BOD 3 days 27o C. | Not to exceed | 100 | mg/l. |

(vi) **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.

(vii) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1.	Metal Scrap	300	MT/M	Sale	Sale

(viii) **Other Conditions:** 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) and amendment Rules, 2003 there under

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

- | | | |
|------------------------------|-----|----------|
| (i) Domestic | ... | 5.00 CMD |
| (ii) Industrial Processing | ... | 0.00 CMD |
| (iii) Washing & Cleaning | ... | 0.00 CMD |
| (iii) Industrial Cooling | ... | 0.50 CMD |
| (iv) Agriculture / Gardening | ... | 0.00 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 ACT :

(i) The applicant shall install a comprehensive control system consisting of control equipments 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:

1. Fume extraction system followed by dust collector of sufficient capacity shall be provided to furnace and shall be operate properly and continuously.
2. The industry shall take all the necessary precautions to control noise pollution in the industry activities and also the nuisance due to vibration generated due to hammering operations. The industry shall take suitable acoustic measures including shielding, enclosures, noise barriers, separation etc. to control the noise levels within the norms stipulated to avoid nuisance in the surrounding.
3. There shall not be any secondary (Fugitive) emissions.

6. 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. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- d. 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.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. 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
- g. D.G. Set shall be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set

b. Standards for Emissions of Air Pollutants:

- (i) SPM/TPM Not to exceed 150 mg/Nm³
- (ii) SO₂ Not to exceed 63 Kg/Day

(i) **The applicant shall observe the following fuel pattern:-**

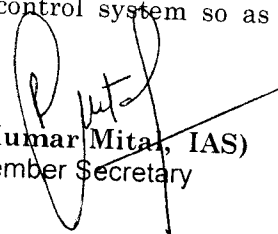
Sr. No.	Type Of Fuel	Quantity	UOM
1.	LDO	2500	Lit/Day
2.	LPG	2000	Kg/Day
3	FO	100	Kg/Ddy

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Oil fired Furnace	20.0
2	Gas fired Furnace	21.0
3	DG Set 3 nos. (2270, 1250, 250KVA)	15.0

- (iii) 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.
- (iv) 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.

- control equipments provided for without previous written permission of the Board.
- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
 - vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
 - viii. 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.
 - ix. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
 - ix. The applicant shall install a separate electric 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.
 - xi. 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 arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down-stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
 - xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
8. The Capital investment of the industry is Rs. 45.01/-Crs.
 9. This is issued with approval of consent committee meeting held on date 04/1/2013.
 10. The industry shall submit the Bank Guarantee of Rs.500000/- valid for period upto 31/10/2016 within 15 days period at Regional Office, Kalyan towards operation and maintenance of pollution control system so as to achieve the consented standards.


 (Rajeev Kumar Mita, IAS)
 Member Secretary

To,
 M/s HILTON METAL FORGING LTD.
 1,2,3,15,17,16,18,20,21,25,26,28,29,30,
 Shah & Mehata Indl. Estate,
 Ghonsai, Tal-Wada.

Copy to:

RO- Kalyan/SRO- Kalyan-III - They are directed to submit the detail verification report of consent conditions within 1 month period & obtain BG of Rs.500000/- from the industry.

a. CAO/Cess Branch/Master File

Received Consent fee of -

Sr. No.	Amount	DD. No.	Date	Drawn On
1	250000/-	048929	27/10/2012	Axis Bank.
2	125000/-	048958	30/10/2012	Axis Bank