

# MHARASHTRA POLLUTION CONTROL BOARD

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RED/LSI

Date: 28/03/2014

Consent No: Format 1.0/BO/JD (APC)/EIC No. NM-5006-14/O-CC-3031

To,  
M/s Pradeep Metals Ltd.  
R-205, MIDC Rabale, TTC,  
Navi Mumbai.

Subject: Renewal of Consent to Operate RED category.

Ref: 1. Earlier Consent granted vide no. BO/JD (APC)/EIC No. NM-2662-11/CC-207 dtd. 09.02.2012.

2. Minutes of CC meeting held on dtd. 18/03/2014.

Your application Dated: 1-1-2014.

For: Renewal of 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 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 & V annexed to this order:

1. The consent is granted for a period from 28/02/2014 to 28/02/2017.
2. The actual capital investment of the industry is Rs. 42.61 Crs. (As per C.A. Certificate submitted by industry)
3. The Consent is valid for the manufacture of -

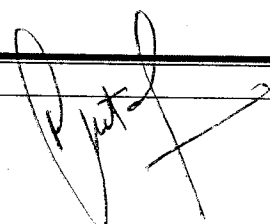
Sr. No.	Product Name	Maximum Quantity
1	Steel Forging	600 MT/M

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	As per Schedule -I	N.A.
2.	Domestic effluent	18.50	As per Schedule -I	MIDC drainage system.

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.	Forging Furnace	01	As per Schedule -II
2.	Heat Treatment	01	As per Schedule -II
3.	D.G. Set	01	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 (M, H & T M) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Used/spent oil	5.1	800	Lit/A	-	Sale to authorized reprocessor

8. This 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 agencies.

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
1	2,25,000/-	106988	21/12/2013	Union Bank of India
2	25,000/-	142163	17/10/2014	Union Bank of India

Copy to:

1. Regional Officer -Navi Mumbai and Sub-Regional Officer-Navi Mumbai - II, MPCB,Navi Mumbai 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.

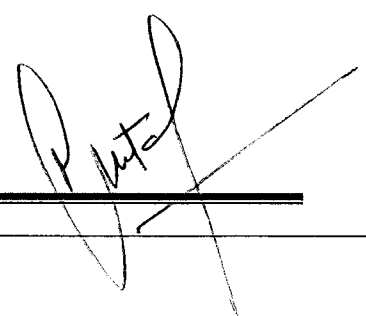
**Schedule-I**

**Terms & conditions for compliance of Water Pollution Control:**

- 1) A] As per your application, you have provided the Effluent Generation is Nil.  
B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent: N.A.  
C) The treated effluent shall be disposed: N.A.
- 2) A] As per consent application you have provided Septic Tank & Soak Pit with the design capacity of 18.5 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/lC] The treated sewage effluent shall be disposed on MIDC drainage system.
- 3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of water, works 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	6.00
2.	Domestic purpose	18.50
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	00.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	00.00
5	Agriculture/gardening	00.00

- 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:**

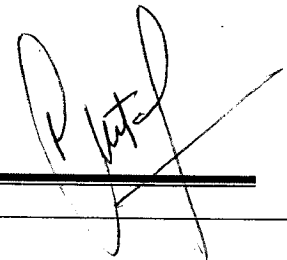
1. As per your application, you have erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO <sub>2</sub> Kg/Day
1	Forging Furnace	-	33.0	PNG	2500 Mg/Day.	-	-
2	Heat Treatment	-	15.0			-	-
3	D.G. Set	-	15.0			-	-

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 / Environmental Clearance / CREP guidelines. (Concern section shall mention specific control equipments)
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	100 mg/Nm <sup>3</sup> .
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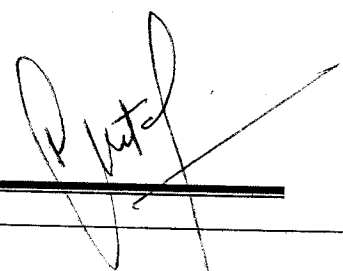
4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to 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).



**Schedule-III**  
**Details of Bank Guarantees**

Sr. No.	Consent	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	(C to R)	5 Lakh	15 Days	Operation & Maintenance of pollution control system	—	30/06/2017

Maharashtra Pollution Control Board



control system. A register showing consumption of chemicals used for treatment shall be maintained.

15) 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.
- 16) The industry should not cause any nuisance in surrounding area.
- 17) 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.
- 18) The applicant shall maintain good housekeeping.
- 19) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31<sup>st</sup> March of the year and number of trees planted by September end.
- 20) 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.
- 21) 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.
- 22) 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.
- 23) The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPOB official site).
- 24) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 25) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.