


MAHARASHTRA POLLUTION CONTROL BOARD

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Red/L.S.I

Consent No. BO/JD(APC)/EIC No. NM- 2272/O/CC- 81

Date: 6/12/2011

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 & Transboundary Movement) Rules 2008 [To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

CONSENT is hereby granted to

M/s. Hindustan Platinum Pvt. Ltd.
Plot No. C - 122, C-154, TTC, MIDC, Pawane,
Navi Mumbai - 400703

Located in the area declared under the provision of Water/Air act and authorization under the provision of HW(M & H) Rules subject to the provision of the act and the rules and the orders that may be further and subject to the following terms and conditions :-

1. The Consent to Operate is granted for a period up to 28/02/2016.
2. The consent is valid for the manufacturing of following product:-

Sr. no. :	Product	Maximum Quantity
1	Electrical Contacts	25 Tons/Month
2	Copper & Copper Alloys	8.3 Tons/Month
3	Jewellery & other related articles and Alloys pigs	62.5 Tons/Month
4	Silver and Silver alloyed contacts, Bimetal contacts	20.0 Tons/Month
5	Gauzes, Precious and Non Precious Metal	5.0 Tons/ Month
6	Platinum Labwares	0.5 Tons / Month
7	Platinum Gold Spinnerettes	0.5 Tons/ Month
8	Catalyst and Salt	10.0 Tons/ Month
9	Other items manufactured from Silver, Gold, Platinum, etc	5.0 Tons/ Month
10	Stainless Steel Spinnerettes	3.0 Tons/ Month

3. CONDITION UNDER WATER ACT :

- i) The daily quantity of trade effluent from the factory shall not exceed 125 m³
- ii) The daily quantity of sewage effluent from the factory shall not exceed 57.5 m³
- iii) Trade Effluent:

Treatment:- The application shall provide comprehensive treatment system consisting of Primary/Secondary and/or Tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:-

Sr.no.	Parameters	---	Limits
1	PH	Between	5.5 to 9.0
2	Suspended Solids	Not to Exceed	100 mg/l
3	BOD 3 days 27°C	Not to Exceed	100 mg/l
4	C.O.D.	Not to Exceed	250 mg/l
5	Oil & Grease	Not to Exceed	10 mg/l
6	Total dissolved solids	Not to Exceed	2100 mg/l
7	Copper (as Cu)	Not to Exceed	3.0 mg/l
8	Cadmium (as Cd)	Not to Exceed	2.0 mg/l
9	Nickel (as Ni)	Not to Exceed	5.0 mg/l
10	Cyanide	Not to Exceed	0.2 mg/l
11	Zinc(as Zinc)	Not to Exceed	5.0 mg/l

iv) **Trade Effluent Disposal :-** The metal bearing industrial effluent shall be segregated and reused back in to process after metal recovery. The balance treated effluent shall be recycled to the maximum extent and remaining treated effluent shall use on land for gardening/plantation or shall be sent to CETP. There shall not be any discharge outside the factory premises.

v) **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 the treated effluent to the following standard

Sr.No.	parameters		limits
1	Suspended Solids	Not to Exceed	100 mg/l
2	BOD 3 days 27°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 Waste :**

Sr.no.	Type of waste	quantity	Treatment	Disposal
1	Empty Carboys/Drums	---	----	Sale
2	Metal Scrap	---	----	Sale

viii) **Other Condition :** The industry shall monitor the effluent Quality regularly.

4) The applicant shall comply with the provision of the Water (Prevention and 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 are as under :

	Purpose		
1	Domestic	50.0	CMD
2	Industrial Processing	160.0	CMD
3	Industrial Cooling/Boiler	100.0	CMD
4	Agriculture Gardening	50.0	CMD

5) CONDITION UNDER AIR ACT :

- i) The applicant shall install a Comprehensive control system consisting of control equipment as 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 :-

Control Equipments : Air Pollution Control equipments of adequate capacity shall be provided to limit the emission.

- Condition under D.G. Set :

1. Noise from DG Sets shall be controlled by providing acoustic enclosure or by treating the room acoustically.
2. Applicant should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room shall 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 shall be done at different points at 0.5 meters from acoustic enclosure/ room and then average.
3. The Applicant should make efforts to bring down noise level due to DG Set, outside the premises, with ambient noise level requirements by proper setting and control measures.
4. Installation of DG Set must be strictly in compliance with recommendations of DG set manufacturer;

A proper routine and preventive maintenance procedure for DG Set shall be set and followed in consultation with the DG manufacturers, which would help to prevent noise levels of DG Sets from deteriorating with use.

5. The DG set shall be operated only in case of power failure. The applicant shall make arrangement for regular electrical power.
6. The Applicant shall not cause any nuisance in the surrounding area due to operation of DG sets.
7. In case of problems, the D.G. set shall not be operated until it is set back to satisfactory position.

(viii) Other Conditions:

1. The industry should not cause any nuisance in surrounding area.
2. The industry should monitor stack emission and ambient air quality regularly.

Standard for Emission of Air Pollutant : -

Sr.No.			Limits
1	SPM/TPM	Not to Exceed	150 mg/Nm ³
2	SO ₂	Not to Exceed	54 kg/day
3	NO _x	Not to Exceed	50 ppm
4	Hcl	Not to Exceed	35 mg/Nm ³
5	Cl ₂	Not to Exceed	15 mg/Nm ³
6	NH ₃	Not to Exceed	50 ppm

ii) The applicant shall observe the following fuel pattern:

Sr. No	Type of Fuel	Quantity
1.	L.D.O. Or Natural Gas	1.5 KL/day 3000 SCM/day

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

Sr. no	Chimney attached to	Height in Mtrs
1	Boiler	29.5
2	Process Stream I & II	25.3
3	Incinerator - I	25.3
4	Incinerator - II	25.3
5	Incinerator - III	25.3

iv) The applicant shall provide in the Chimney/(s) and facility such as ladder, platform etc. for monitoring the air emission and the same shall be open for inspection to/and for use of the Board' 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.

v) The industry shall taken adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in standard in respect of noise to less than 75 dB (A) during night time. Daytime is reckoned in between 6 a.m. to 10 p.m. to 6 a.m. and night time is reckoned between 10 pm. to 6 am

vi) Other conditions:-

- 1) The industry should not cause any nuisance in surrounding area.
- 2) The industry should monitor stack emission & ambient air quality regularly.

6) CONDITIONNS UNDER HW (M&H) RULES , 1989& AMENDMENT RULES-2008 :

i) The Applicant shall handle Hazardous Waste as specified below.:

Sr. no	Item no of Process generating HW as per Schedule - I	Type of Waste	Quantity	Disposal
1.	5.1	Used Oil	2.0 MT/Anum	Sale to authorized Re-processor
2.	5.2	Wastes/Residue Containing Oil	2.5 MT/Anum	Sale to authorized Re-processor
3.	34.3	Sludge from Waste Water Treatment	160 Kg/day	CHWTSDF

ii) Treatment : -----

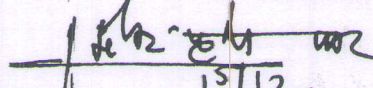
iii) The authorisation is hereby granted to Operate a facility for collection, storage ,transport and disposal of Hazardous Waste

7. General conditions:

- (i) 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, no. of trees surviving as on 31st March of the year and no. of trees planted by September end.
 - (ii) The applicant shall provide for an alternate 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 & conditions of this consent regarding pollution level.
 - (iii) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent. The applicant shall not change or alter 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.
 - (iv) The firm shall submit MPCB, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30th September every year.
 - (v) The applicant shall install a separate meter showing the consumption of energy for operation of domestic effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained. The applicant shall also submit a comparative statement of designed power and chemical consumptions vis-a-vis actual power and chemical consumption along with Environmental statement.
 - (vi) The applicant shall provide facility for collection of environmental samples and samples of sewage effluents and air emissions wastes 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.
 - (vii) The firm shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the premises.
 - (viii) 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.
 - (ix) Whenever due to any accident or other unforeseen act or event, 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.'
- 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 pursuant to the decision of the CC meeting dtd. 28/11/2011.
10) Capital investment of the industry shall not exceed Rs. 81.22 Crores.

For and on behalf of the
Maharashtra Pollution Control Board


15/12
(Milind Mhaiskar, IAS)
Member Secretary

To,

M/s. Hindustan Platinum Pvt. Ltd.
Plot No. C - 122, C-154, TTC, MIDC, Pawane,
Navi Mumbai - 400703

Copy to:

- 1) Regional Officer (Navi Mumbai), MPCB, Navi-Mumbai.
- 2) Sub-Regional Officer (Navi Mumbai-I), MPCB, Navi-Mumbai. They are directed to ensure the compliance of Consent conditions
- 3) Chief Accounts Officer, MPCB, Mumbai

Received Consent fees as per revised Environment Department G.R. dated 25.08.2011

Amount	D.D.No	Date	Drawn on
Rs 3,75,000/- /-	353556	23.12.2010	HDFC Bank Ltd.
Rs. 2,75,000/-	708056	04/10/2011	HDFC Bank Ltd.
Rs.100/-	356095	24.12.2010	HDFC Bank Ltd.