

MAHARASHTRA POLLUTION CONTROL BOARD

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Consent order No :- BO/JD(APC)/EIC No. 6440-12/R/EE- Date 10/07/2013

To,
M/s Hindalco Industries Ltd., (Expansion Project),
S.No.95/1 & 95/2 At Village-Daheli,
Tal-Mouda, Dist-Nagpur.

CAC-5838

Subject: Consent to Establish for installation of additional Machineries RED category.

Ref: Minutes of CAC meeting held on 31.5.2013 & 4.6.2013.

Your application Dated: 31.01.2012

For: Consent to Establish for installation of additional Machineries 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 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 annexed to this order:

1. The Consent to Establish is granted for a period up to - Commissioning of the unit or 5 years whichever is earlier.
2. The proposed capital investment of the Expansion Project is Rs.197.34/- Crore. (As per the Certificate on Rs.100/- stamp paper signed by Rajiv Sharma, Works Head Mouda dated 23.01.2013 submitted by industry along with consent application as Annexure III)
3. The Consent is valid for the Installation of -
 - i) Rolling Mills-3 nos
 - ii) Separators-2 nos.
 - iii) Roll grinder-1 no.
 - iv) Annealing Furnaces-9 Nos.
 - v) Lubricator-1 No & Associated utility equipments.

(Proposed expansion is only for installing additional facilities as mentioned above for further processing of the products i.e aluminum strips & sheets of lesser thickness without increase in the quantity of the products i.e aluminum strips & sheets-3250 MT/month).

(If no. of products are more than five, then separate annexure shall be attached)

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	e.g. land/CETP/Recycle
2.	Domestic effluent	Nil	As per Schedule -I	e.g. land/CETP/Recycle

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.	Rolling Mill Furnace (3 Nos)	03	As per Schedule -II
2.	Annealing Furnaces (9 Nos)	09	As per Schedule -II

6. Conditions under Hazardous Waste (M, H & T M) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No	Item No. of Process Generating HW as Per schedule-I	Type of Waste	Quantity	Disposal
1	5.1	Used/Spent oil (Used Rolling Oil)	75.0 KL/Month	Will be recycled after reprocessing through in house vaccum distillation unit(VDU) or disposed by sale to authorized Oil re-processor
	5.2	Waste Oil	1.0 KL/Month	By Sale to registered recycler
2	4.1	Oily sludge/emulsion(Oil residue from VDU)	2.5 KL/Month	CHWTSDF, Butibori
3	35.1	spent filter media & spent filter earth	7.2 Ton/Month	
4	34.3	Chemical Sludge from waste water treatment	200 Kgs/Month	
5		Lead Acid Battries	6 Nos/Month	Disposed through buy back scheme (Authorised Supplier)
6		E-waste	50 kg/Month	Sale to MPCB authorized recycler/Re-processor

7. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.

8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.

9. This consent is issued to the pursuant to the decision taken in the Consent Appraisal Committee Meeting held on 31.5.2013 & 4.6.2013. In the said CAC meeting, it was decided to grant consent to establish for installation of additional machineries worth Rs. 197.34 Crs. with condition that there will not be any change in production qty as per consent granted earlier and decrease in water consumption i.e. up to 60 CMD.

For and on behalf of the
Maharashtra Pollution Control Board

(V.M.Motghare)
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	394780	982981	14 Jan 2011	SBI Bank

Copy to:

1. Regional Officer - Nagpur and Sub-Regional Officer- Nagpur - II, MPCB, Nagpur.
2. Chief Accounts Officer, MPCB, Mumbai.
2. CC/CAC desk- for record & website up dation purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, industrial effluent is Nil.
- 2) A.] As per your consent application, sewage effluent is Nil.

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Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install/ provided the Air pollution control (APC) system and also proposed to erect / 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 ₂ Kg/Day
1	Rolling Mill- 3Nos	---	30 each	Furnace Oil	300 KL/day	4.5	27000
2	Annealing Furnace- 9 Nos	---	30 each				
3	Boiler						
4	D.G.Set (....KVA)	N.A.					
5	Incinerator						

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	150 mg/Nm ³ .
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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 (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1						
2						
3						

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Schedule-IV

General Conditions:

- 1) 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.
- 2) If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker.
- 3) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 4) 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.
- 5) 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.
- 6) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 7) 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.
- 8) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW(MH&TM) Rules 2008, which can be recycled
- 9) /processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste, which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 10) The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 11) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 12) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity (in case of Consent to establish).
- 13) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
- 14) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 15) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement 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.
- 16) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
 - 17) The applicant shall install a separate 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.
 - 18) The industry should not cause any nuisance in surrounding area.
 - 19) 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.
 - 20) The applicant shall maintain good housekeeping.
 - 21) 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 31st March of the year and number of trees planted by September end.
 - 22) 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.
 - 23) 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.
 - 24) 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.
 - 25) 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 be downloaded from MPCB official site).
 - 26) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
 - 27) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.
 - 28) The consent is issued on the basis of certification submitted for No increase in pollution load vide letter dated 28.1.2013.

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