

MAHARASHTRA POLLUTION CONTROL BOARD

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Consent order No :- BO/JD(APC)/EIC No. CH-1205-13/R/CAC-6337 Date 29/07/2013

To,
Western Coalfields Ltd.
Durgapur Open Cast Coal Mine, Durgapur,
Tal & Dist. Chandrapur.

Subject: Consent to Renewal- RED category.

- Ref : 1. Earlier Consent granted vide no. BO/JD(APC)/EIC No. CH-0938/R/CC-CAC-629 dtd 9.10.2012.
2. Earlier Consent granted vide no. BO/JD(APC)/EIC No. CH-0917/R/CC-CAC-502 dtd 13.07.2012.
3. Minutes of CAC meeting held on 05.07.2013.

Your application Dated:17.11.2012.

For: Consent to Renewal

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 annexed to this order:

- The consent is granted for a period from 31.12.2012 to 31/03/2014.
- The proposed and/or actual capital investment of the industry is Rs.196.35 Crs. (As per letter of Dy General Manager, WCL Durgapur O/c Sub Area submitted by industry along with consent application)
- The Consent is valid for the manufacture of -

Sr. No.	Product / Name	By-Product	Maximum Quantity in MTA
	Coal		3.0 Million ton per annum

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	155	As per Schedule -I	land
2.	Domestic effluent	390	As per Schedule -I	land/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.			
2.			
3.			
4.			

6. Conditions under

Conditions under Hazardous Waste (MH & TM) 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	6.0	KL/ Month	—	CPCB/SPCB authorized re-processors/recycler
2	Chemical sludge from waste water treatment	34.3	5.0	MT/ Month	—	CHWTSDF Butibori
3	Waste/residues containing oil (Used oil filter & Cotton waste contaminated with oil)	5.2	4.0	MT/ Month	—	CHWTSDF Butibori

8. The 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 authorities.

For and on behalf of the
Maharashtra Pollution Control Board

(V.M.Motghare) 29/11/13
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	47,78,100	529259	8.11.2012	SBI Bank

The balance fees Rs. 27,87,225/- with the Board will be considered at the time of next renewal of consent.

Copy to:

1. Regional Officer - Chandrapur and Sub-Regional Officer- Chandrapur, MPCB, Chandrapur.

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.

- 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	300.00
2.	Domestic purpose	600.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	--
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	-----

- 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/ Environmental Clearance / CREP guidelines.

Maharashtra Pollution Control Board



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

(A) Standards for Ambient Air Pollutants:

- | | | |
|---|---------------|-----------------------|
| (i) Suspended Particulate Matter [SPM] | Not to exceed | 600 ug/m ³ |
| (ii) Respirable Particulate Matter [RSPM]
[Size less than 10 micrometer] | Not to exceed | 250 ug/m ³ |
| (iii) Sulphur Dioxide (SO ₂) | Not to exceed | 120 ug/m ³ |
| (iv) Oxides of Nitrogen (NO _x) | Not to exceed | 120 ug/m ³ |

1. 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.

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).

Maharashtra Pollution Control Board

Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal consent	Fresh BG of Rs.5/- Lakh	15 days	Operation and Maintenance of Pollution Control System so as to achieve the consented standards.	----	31/07/2014
2	Renewal consent	Fresh Bank Guarantee of Rs. 2.0 Lakhs (top up)	15 days	Compliance of Interim directions dated 18.2.2011	----	31/07/2014

[Signature]
24/7/14
Maharashtra Pollution Control Board

Schedule-IV

General Conditions:

The following general conditions shall apply as per the type of the industry (Product wise).

- 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 Hazarsous 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 make an application for renewal of the consent at least 60 days before the date of the expiry of the consent. (In case of Renewal of consent).
- 13) 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.
- 14) 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 arrangements for measuring the flow of effluents shall be admitted in the pipes/covers downstream of the terminal manholes. Arrangements shall be made in such a way that they do not lead to uncollected collection.
- 15) No effluent or waste from any other premises shall be allowed to mix with the effluent of the industry.

- 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
- 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 statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 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.

Specific Conditions-

- 1) The applicant shall comply with the conditions stipulated in Environmental Clearance granted by MoEF vide No. J-11015/66/2006-IA.II(M) dtd.30.03.2007 & vide No. J-11015/56/2008-IA.II(M) dtd.16.03.2012.
- 2) Transportation of coal & minerals shall be by closed system, Conveyor system wherever possible.
- 3) The applicant shall install three continuous automatic ambient air and micrometeorological monitoring station at location indicated by State Board to be set up and operate at its own cost measure SO₂, NO_x and particulate matter. These CAAQMS shall also have necessary provision of networking to the Air Quality Monitoring network of MPCB.

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