

MAHARASHTRA POLLUTION CONTROL BOARD

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Consent No: Format 1.0/ BO/CAC-Cell/EIC No:-KP-15019-14/CAC- **0276**

Date- ~~10/2016~~ **13/02/2017**

To,
M/s. Koyna Generating Station Complex,
M. S. P. C. Ltd., (Stage- I & II),
Alore, Pophali,
Tal. Chiplun, Dist. Ratnagiri.

Subject: Consent to 1st Operate under RED category.
Ref : 1. Minutes of CAC meeting held on 29.05.2014

Your application: CO1402000168
Dated: 04/01/2014.

For: Consent to 1st 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 as amended in 2016 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 up to 31.08.2020
- The actual capital investment of the industry is Rs. 165.896/- Crs. (As per C.A. Certificate submitted by industry)
- The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity in MT/A
1	Hydro-Electricity	4 x 70 MW (280 MW) & 4 x 80 MW (320 MW)

- 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	On land for gardening
2.	Domestic effluent	0.8	As per Schedule -I	

- Conditions under Air (P&CP) Act, 1981 for air emissions:

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
NA			

- Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
NA				

7. 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	Waste & Residue	21.1	50	Nos/A	—	CHWTSDF
2	Wastes/Residues containing Oil	5.2	12	Kg/A	—	CHWTSDF
3	Used oil/Waste Oil	5.1	208	Lit/A	—	Sale to authorized Reprocessor
4	Waste Gaket		5	Kg/A	—	CHWTSDF
5	E-Waste (Flurescent tubes/Bulbs)		201	Nos/Y	—	Authorized Re-cycler

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.
10. This consent is issued as per the office order issued by Environment Department, GoM vide no. संकिर्ण 2017/प्र.क्र २६ /आस्थापना, Dated 23/01/2017.

For and on behalf of the
Maharashtra Pollution Control Board

(P. K. Mirashe)
Assistant Secretary (Technical)

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD/DR. No.	Date	Drawn On
1	3,31,892/-	002086	01.01.2014	Central Bank of India
2	<p>Total Fees required for Stage I & II, III and IV from 04/06/2012 up to 31.08.2020 is Rs. 2,49,12,907/- Out of which Fees required for Stage I & II is Rs. 30,66,412/-, Fees required for Stage III is Rs. 11,55,309 & Fees required for Stage IV is Rs. 2,06,91,186/-.</p> <p>Total fees required Rs. 2,49,12,907/-</p> <p>Industry along with application of Stage I & II has paid fees of Rs. 3,31,892/- + along with application of Stage III has paid fees of Rs. 1,25,100/- + along with application of Stage IV has paid fees of Rs. 22,39,000/- + Industry vide dtd 01.09.2016 has submitted fees of Rs. 2,20,14,818/- + vide dtd 16.11.2016 has submitted fees of Rs. 2,02,097/- = Total fees paid Rs. 2,49,12,907/-.</p> <p>Industry has paid requisite consent fees for period from 04/06/2012 up to 31/08/2020. Hence there is no Balance fees with the Board.</p>			

Copy to:

1. Regional Officer -Kolhapur and Sub-Regional Officer-Chiplun MPCB, Nagpur 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] 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/l.

B] The treated domestic effluent shall be used on land for plantation / gardening.

- 2) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules thereunder.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	—
2.	Domestic purpose	1.8
3.	Industrial Processing	—
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	—

Schedule-II Not applicable

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
				Nil		

Maharashtra Pollution Control Board

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) Industry should monitor effluent quality monthly/quarterly.
- 3) Whenever due to any accident or other unforeseen act or even, 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.
- 4) 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.
- 5) 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.
- 6) 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/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.
- 7) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 8) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**
- 9) 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).
- 10) 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.
- 11) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 12) 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.
- 13) 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
- 14) The industry should not cause any nuisance in surrounding area.
- 15) 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.
- 16) The applicant shall maintain good housekeeping.
- 17) 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.
- 18) 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.
- 19) 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.
- 20) 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.
- 21) 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).
- 22) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 23) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.

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