

MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 3rd & 4th floor, Sion- Matunga
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Sion Circle, Sion (E),
Mumbai - 400 022

Consent order No :- Formate1.0/ BO/CAC-Cell/ EIC No KN-6789-15/th CAC/ 6595

Date-18/05/2016

To,
Century Rayon,
P.B.No 22, Murbad Road,
Shahad, Ulhasnagar, Dist Thane.

Subject: Consent to establish for expansion under RED category.

Ref : 1. Existing Consent granted vide no. Formate1.0/BO/CAC-Cell/EICNo KN-6673-14/2nd CAC/6431 dtd 30.05.2015

2. Your application approved in CAC meeting held on 22.03.2016.

Your application: CE1507000643

Dated:01.07.2015

For: Consent to establish for expansion

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 is granted for a period from commissioning of the unit or Five years whichever is earlier.
2. The proposed capital investment of the industry is Rs.125 Crs. (As per Undertaking submitted by industry). The total capital investment of the industry is Rs 199.79 crs + Rs 125 crs = Rs 324.79 crs.
3. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity
1	Rayon Viscose Filament yarn, Tyre cord, continuous Spun yarn (combined VFY production)	5000 MT/A
	By products	
1	Anhydrous Sodium Sulphate	3078 MT/A

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	2000	As per Schedule -I	100% recycle
2.	Domestic effluent	Nil	NA	NA

5. Conditions under Air (P& CP) Act, 1981 for air emissions: Existing utilizes shall be used. Only there will be additional air flow of 3,60,000Nm³/Hr for VFY stacks.

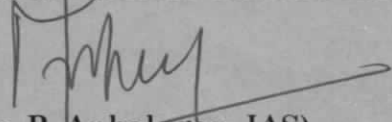
6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UOM	Treatment	Disposal
1	Yarn waste	0.8 TPD	NA	Sale to authorized vendor

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Chemical sludge from waste water treatment	34.3	300	MT/A		CHWTSDF

7. The 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 authorities.
9. Industry shall not take effective steps before obtaining Environmental Clearance and shall submit BG of Rs 10 lakhs for the compliance of the same.
10. Industry shall 100% recycle the treated trade effluent generated from the proposed expansion project.
11. Industry shall install flow meter to monitor the quantity of treated water recycled back in the process/utilities
12. The consent is granted without the prejudice to the order passed or being passed by Hon'ble NGT and Hon'ble High Court.
13. Industry shall achieve the standard BOD- 30 mg/l for the existing effluent of 13 MLD by 30.11.2016.
14. Industry shall install continuous online monitoring system of pH meter, BOD & flow meter along with data logger at the outlet of treated trade effluent discharge to Ulhas creek through Waldhuni Nala by 31.08.2016 and submit the BG of Rs. 2 lakh towards compliance of the same.
15. Industry shall carry out water audit from renowned institutes like IIT or NEERI by 30.08.2016 and submit the BG of 2 lakhs for the compliance of the same. Industry shall amend their existing consent to operate accordingly.

For and on behalf of the
Maharashtra Pollution Control Board


(Dr. P. Anbalagan, IAS)
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	250000	245314	05.06.2015	SBI bank
2	100	017610	02.06.2015	SBI Bank

Copy to:

1. Regional Officer -Kalyan and Sub-Regional Officer-Kalyan-1 MPCB: 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:

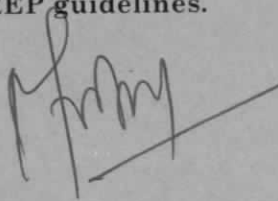
- 1) A] As per your application, you have provided existing Effluent Treatment Plant (ETP) with the design capacity of 16000 CMD.

B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to recycle back the treated effluent.

C] The treated effluent generated from expansion activity shall be 100% recycled for use in degasser.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks 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.
- 3) 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.
- 4) 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	500
2.	Domestic purpose	0
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	1240
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	310

- 5) 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.

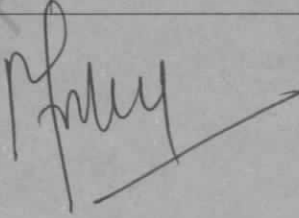


Schedule-II

Industry is going to use the existing utilities. There shall be no increase in the fuel consumption for additional steam generation. Only there will be increase in air flow of 360000 Nm³/Hr for VFY stacks.

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	C to E	Rs 10 lakh	Within 15 days from the date of issue of consent	Industry shall not take effective steps before obtaining Environmental Clearance	30.06.2021	31.10.2021
2	C to E	Rs 2 lakh	Within 15 days from the date of issue of consent	Industry shall install continuous online monitoring system of pH meter, BOD & flow meter along with data logger at the outlet of treated trade effluent discharge to Ulhas creek through Waldhuni Nala.	31.08.2016	31.12.2016
3	C to E	Rs 2 lakh	Within 15 days from the date of issue of consent	Industry shall carry out water audit from renowned institutes like IIT or NEERI	31.08.2016	31.12.2016



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, stack emissions and ambient air quality monthly.
- 3) 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.
- 4) 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.
- 5) 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.
- 6) 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.
- 7) 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.
- 8) 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.
- 9) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 10) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity.**
- 11) 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).
- 12) 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.
- 13) 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.
- 14) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

- 15) 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.
- 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 31st 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 official e-mail address and any change will be duly informed to the MPCB.
- 24) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

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