

MAHARASHTRA POLLUTION CONTROL BOARD

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RED/LSI



Kalpataru Point, 2nd - 4th Fl.

Opp. Cine Planet Cinema,

Near Sion Circle, Sion (E)

Mumbai-400 022.

CAC-273

Consent No. BO/JD (WPC)/ RO ABAD/EIC No. TN 3182-11R/CC- Date: 09/02/2012
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. Bombay Rayon Fashions Ltd. (CPP),
Plot No. C-7, MIDC Tarapur,
Tal. Boisar, Dist. Thane.

located in the area declared under the provisions of the Water Act, Air act and Authorisation under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to 31.08.2012.

2. The Consent is valid for the manufacture of:-

<u>Sr.No.</u>	<u>Product</u>	<u>Maximum Quantity</u>
1.	Electricity (Power)	8 MW/hr.

3. CONDITIONS UNDER WATER (PREVENTION & CONTROL OF POLLUTION) ACT, 1974:

(i) The daily quantity of trade effluent from the factory shall not exceed 212 M³.

(ii) The daily quantity of sewage effluent from the factory shall not exceed 10 M³.

(iii) **Trade Effluent:**

Treatment: The applicant 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 :

A) Boiler Blowdowns:

1)	Suspended Solids	Not to exceed	100	mg/l.
2)	Oil & Grease	Not to exceed	20	mg/l.
3)	Copper (Total)	Not to exceed	1	mg/l.
4)	Iron (Total)	Not to exceed	1	mg/l.

B) Cooling Tower Blowdown:

1)	Free available Chlorine	Not to exceed	0.5	mg/l.
2)	Zinc	Not to exceed	1	mg/l.
3)	Chromium (Total)	Not to exceed	0.2	mg/l.
4)	Phosphate	Not to exceed	5	mg/l.

C) D.M. Plant Effluent:

1)	PH	Between	5.5 to 9	
2)	BOD 3 days 27 Deg. C.	Not to exceed	30	mg/l.
3)	COD	Not to exceed	250	mg/l.
4)	Suspended Solids	Not to exceed	100	mg/l.
5)	Oil & Grease	Not to exceed	10	mg/l.
6)	TDS	Not to exceed	2100	mg/l.

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- (iv) **Trade Effluent Disposal:** The treated trade effluent shall be 100% recycled in the process, to achieve zero discharge. In no case trade effluent shall find its way to local Nalla.
- (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 treated effluent to the following standards:

(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 into soak pit which shall be got cleaned periodically. Overflow if any shall be used on land for gardening / plantation only.

- (vii) **Non-Hazardous Solid Wastes:**

<u>Type of waste</u>	<u>Quantity</u>	<u>Treatment & Disposal</u>
Fly Ash	12 T/day	Sale to Brick manufacturers as per Govt. of India Guidelines.

- (i) **Other conditions:**

- 1) The industry should monitor effluent quality regularly.
- 2) The factory authorities shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants. The quarterly returns of the energy consumption shall be submitted to Board Office under intimation to respective Regional and Sub Regional Officer on each 10th of January, April, July & October.
- 3) The firm shall provide continuous flow meter for the measurement of the flow of the effluent.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and Rules there under:

The daily water consumption for the following categories is as under:

(i) Domestic	...	11	CMD
(ii) Industrial processing	...	---	CMD
(iii) Industrial cooling / Boiler/DM Plant	...	1416	CMD
(iv) Agriculture/Gardening	...	---	CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed

form and pay the Cess as specified under Section 3 of the said Act.

5. CONDITIONS UNDER AIR (PREVENTION & CONTROL OF POLLUTION) ACT, 1981:

- (i) The applicant shall install a comprehensive control system consisting of control equipments as is 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:

A) Control Equipment:

- (i) Electrostatic Precipitator of sufficient capacity shall be provided to Boiler and any other source of particulate matter.
- (ii) Dust collection system and automatic water sprinkler system shall be provided to Coal Handling Plant.
- (iii) Dust collector of sufficient capacity shall be provided to coal crusher and any other sources of SPM.
- (iv) There shall not be any fugitive emission from coal storage yard.

B) Conditions for D.G. Set : NIL

C) Standards for Emissions of Air Pollutants:

(i)	Particulate Matter (PM)	Not to exceed	100	mg/Nm ³
(ii)	SO ₂	Not to exceed	2000	kg/day

- (ii) The applicant shall observe the following fuel pattern:-

<u>Sr.No.</u>	<u>Type of Fuel</u>	<u>Quantity</u>
1)	Imported Coal	200 TPD

8. 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.
 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 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.
 11. 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 down stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
 12. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
 13. 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.
9. **The applicant shall comply with the conditions stipulated in Environmental Clearance granted by GoM vide no SEAC-2010/CR.206/TC2 dtd. 29.01.2010.**
 10. This Consent is issued pursuant to the decision of **Consent Appraisal Committee** meeting held on 31.01.2012 the Board.
 11. **The capital investment of this CPP project is Rs. 32.5 Cr.**
 12. **This is issued as per office order dtd 02.02.2012, approved by Hon'ble Chairman of Board.**

**For and On Behalf of the
Maharashtra Pollution Control Board,**


Dr. Y.B.Sontakke
Joint Director
(Water Pollution Control)

To,
M/s. Bombay Rayon Fashions Ltd.,
Plot No. C-7, MIDC Tarapur,
Tal. Boisar, Dist. Thane.

Copy to:

RO- Thane /SRO-Tarapur-I :- They are directed to ensure compliance of consent conditions
CAO / Cess Branch / Master File

Received Consent fee of -	<u>Amount</u>	<u>D.D.No.</u>	<u>Date</u>	<u>Drawn on</u>
	Rs. 50,000/-	657929	02/05/11	State Bank of India
	Rs. 25,000/-	622158	17/09/211	State Bank of India.

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