

MAHARASHTRA POLLUTION CONTROL BOARD

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Red/L.S.I

Consent No:BO/JD(WPC)/EIC-KP-8234-11/E/CC-CAC-290

Date: 10/Feb/2012

Consent to Establish 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 / 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

Tessitura Monti India (P) Ltd
Gat No-147, Village-Tamgon
Kolapur- Hupari Road, Tal-Karteer
Dist- Kolhapur
Maharashtra-416234

located in the area declared under the provisions of the Water Act, Air act and Authorization 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 Establish is granted for a period up to: Commissioning of the unit or 5 year whichever is earlier
1. The Consent is valid for the manufacture of -

Sl. No.	Product Name	Maximum Limit	Unit
1	Dyed 100% Cotton Yarn	42	MT/M
	By Product		
1	Recovered Caustic	450	Lit/Hr

2. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 1141.5 M³.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 67.6 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:

1	pH	Between	6.0 to 8.5	
2	Suspended Solids	Not to exceed	100	mg/l.
3	BOD 3 days 27 Deg. C.	Not to exceed	30	mg/l.
4	COD	Not to exceed	250	mg/l.

5	Oil & Grease	Not to exceed	10	mg/l.
6	Detergent	Not to exceed	2	mg/l.
7	TAN	Not to exceed	50	mg/l.
8	R-Chlorine	Not to exceed	1	mg/l.
9	TDS	Not to exceed	2100	mg/l.
10	Chlorides	Not to exceed	600	mg/l.
11	Sulphate	Not to exceed	1000	mg/l.

(iv) **Effluent Disposal:** The treated trade effluent shall be recycled to the maximum extent and remaining shall be used on land for gardening/irrigation. In no case, at any time effluent shall find its way to any water body directly or indirectly.

(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 27o C Not to exceed 100 mg/l.

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be allowed to soak into soak pit, which shall be cleaned periodically. Overflow, if any, shall be used on land for irrigation/gardening only.

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

1	Carbon/cloth waste	100	kg/Mo	Sale to authorized party
2	Fly Ash	3	M ³ /Day	Sale to brick manufacturers

(viii) **Other Conditions:** Industry should monitor effluent quality regularly.

3. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

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

- (i) Domestic purpose ... 66.00 CMD
 (ii) Water gets Polluted & Pollutants are Biodegradable ... 1085.00 CMD
 (iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic ... 0.00 CMD
 (iv) Industrial Cooling, spraying in mine pits or boiler feed ... 77.00 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.

4. CONDITIONS UNDER AIR ACT:

(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

Fly ash arrester/ESP & dust collector of sufficient capacity provided to all the boiler and should be operated & maintained properly.

b) Standards for Stack Emissions:

1) SPM	Not to exceed	150	mg/Nm ³
2) SO ₂	Not to exceed	384	kg/day

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

I	Coal	1.6	M/T/yr
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(iii) The applicant shall erect the chimney(s) of the following specifications:-

I	Boiler
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(iv) The applicant shall provide ports in the chimney(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the ports 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.

(v) 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 standards in respect of noise to less than 76 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.

(vi) Other Conditions:

- 1) The industry should not cause any nuisance in surrounding area.
- 2) The industry shall monitor stack emissions and ambient air quality Regularly.

5. CONDITIONS UNDER HAZARDOUS WASTE MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT RULES, 2008:

(i) The Industry shall handle the hazardous wastes as specified below.

1.	24.1 Technical residues	0.10	Kg/Day	Sent to CHWTSDF
2.	5.2 Bulk dust	400	Kg/A	Burnt in Boiler
3.	24.3 Discarded containers barrels / liners	180	No./M	Reuse or seal to authorized re processor.
4.	24.3 Chemical sludge from waste water treatment	0.7	M/T/Day	Sent to CHWTSDF
5.	24.1 Carbon dust	40	Kg/d	Sent to CHWTSDF

(ii) Treatment: NIL

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry shall comply with the Hazardous Waste (M&H) Rules, 2008.

6. 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 should 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 should be stopped.

7. **General Conditions:**

- (i) The applicant should bring minimum 33% of the available open land under green coverage/ plantation. The applicant should submit a yearly statement by 30th September every year on available open plot area, no. of trees surviving as on 31st March of the year and no. of trees planted by September end.
- (ii) The applicant should provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant should stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- (iii) The applicant should make an application for renewal of the consent at least 60 days before the date of the expiry of the consent. The applicant should not change or alter 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.
- (iv) The firm should submit MPCB, 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 before 30th September every year.
- (v) The applicant should 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 should be maintained. The applicant should also submit a comparative statement of designed power and chemical consumption vs. actual power and chemical consumption along with Environmental statement.
- (iv) Separate drainage system should be provided for collection of trade and sewage effluents. Terminal manholes should be provided at the end of collection system with arrangement for measuring the flow. No effluent should be admitted in the pipes/sewers down-stream of the terminal manholes. No effluent should find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises should be allowed to mix with the effluents from the factory.
- (vii) The applicant should provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and should pay to the Board for the services rendered in this behalf. An inspection book should be opened and made available to the Board's officers during their visit to the applicant.
- (viii) The industry should ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- (ix) The applicant should maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.

8. This consent shall not be construed as any exemption from obtaining necessary No Objection Certificate from other Government agencies as may deemed fit necessary.
9. The applicant shall obtain Consent to Operate before Actual Commencement of the production activity.
10. The capital investment of the proposed expansion of industry is Rs. 12.62 Cr. Capital investment of the existing industry is Rs. 210.61 Cr.
11. This Consent is issued pursuant to the decision of the Consent Appraisal Committee meeting of the Board held on 31/01/2011.

This is issued as per office Note dated 02/02/2012, approved by Hon'ble Chairman of the Board

For and on Behalf of the
Maharashtra Pollution Control Board,

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

To,
Tessitura Monti India (P) Ltd
Gat No-147, Village-Tamgon,
Kolapur- Hupari Road, Tal-Karveer
Dist- Kolhapur
Maharashtra-416234

Copy to: RO, Kolhapur MPCB / SRO, Kolhapur, MPCB, Kolhapur / CAO / Cess Branch/ Master File

Received Consent fee of -

Sr. No.	Amount	Account No.	Date	Drawn On
1	50000	828670	12 April 2011	Bank of Baroda