

# MAHARASHTRA POLLUTION CONTROL BOARD

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Red/L.S.I

Consent No: BO/JD(WPC)/PN-8722-11/R/CC- CAC-91

Date: 22/12/2011

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

.....  
Brintons Carpet Asia(P)Ltd.  
G.No.414,415,416,Vill-Urawade,  
Tal-Mulshi, Pune-412108

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 Operate is granted for a period up to: 31/12/2013.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Spining of Yarn	261	MT/M
2	Dyed Yarn	150	MT/M
3	Weaving of Carpet	95000	Square Mtr./M

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 152.00M3.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 49.00M3.

#### (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	5.5 to 9.0
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	Chlorides	Not to exceed	600 mg/l.
7	Sulphates	Not to exceed	1000 mg/l.
8	T.D.S	Not to exceed	2100 mg/l.
9	Phenols	Not to exceed	1 mg/l.

(iv) **Trade Effluent Disposal:** The treated industrial effluent shall be recycled and reused to maximum extent and remaining shall be discharged on land for gardening and irrigation only. In no case effluent shall find its way in any land surface water, nalla, river or stream.

(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 soaked in a 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:**

Sr. N	Type Of Waste	Quantity	UOM	Disposal
1	Sheared Fiber Waste	8.00	MT/M	Authorized Reprocessor/ Scrap dealer
2	Waste paper Cone	500.00	Kg/M	Authorized Reprocessor/ Scrap dealer
3	Jacquard card (hard paper)	1.00	MT/M	Authorized Reprocessor/ Scrap dealer
4	Broken glass/tubes	10.00	Kg/M	Authorized Reprocessor/ Scrap dealer
5	GI Wire	1.00	MT/M	Authorized Reprocessor/ Scrap dealer
6	Yarn & Waste fiber	30.00	MT/M	Authorized Reprocessor/ Scrap dealer
7	Carpet & Dropea Waste	3.00	MT/M	Authorized Reprocessor/ Scrap dealer
8	Drumps & Carboys	100.00	No/M	Authorized Reprocessor/ Scrap dealer
9	Card Board	1.50	MT/M	Authorized Reprocessor/ Scrap dealer
10	Card Clothing	60.00	Kg/M	Authorized Reprocessor/ Scrap dealer
11	Wooden Pallet	3.50	MT/M	Authorized Reprocessor/ Scrap dealer
12	M.S. Scrap	4.00	MT/M	Authorized Reprocessor/ Scrap dealer
13	Plastic	600.00	Kg/M	Authorized Reprocessor/ Scrap dealer

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

**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 amendment Rules, 2003 there under**

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

- |   |     |            |
|---|-----|------------|
| (i) Domestic purpose  | ... | 55.00 CMD  |
| (ii) Water gets Polluted & Pollutants are Biodegradable             | ... | 175.00 CMD |
| (iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic | ... | 0.00 CMD   |
| (iv) Industrial Cooling, spraying in mine pits or boiler feed       | ... | 30.00CMD   |

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 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:** Industry shall operate and maintain dust collector of sufficient capacity to control the emissions.

**6. Standards for Stack Emissions:**

- |                                    |               |     |                      |
|------------------------------------|---------------|-----|----------------------|
| (i) SPM                            | Not to exceed | 150 | mg/Nm <sup>3</sup> . |
| (ii) SO <sub>2</sub>               | Not to exceed | 900 | kg/day               |
| (iii) SO <sub>2</sub> from process | Not to exceed | 50  | ppm                  |

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	Furnace Oil	14.20	MT
2	HSD	6.10	MT

- (ii) **The applicant shall erect the chimney(s) of the following specifications:-**

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Boiler 4 TPH & Boiler 6 TPH	37.00
2	DG Set (380 KVA)	5.50
3	DG Set (380 KVA)	5.50
4	DG Set (380 KVA)	5.50
5	Latex Steamer	10.00
6	Latex Dryer	10.00
7	Dryer (Seller)	10.00
8	Dryer (Galvanin)	10.00

- (iii) 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.

- (iv) 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.

(vi) **Other Conditions:**

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

**7. 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. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- d. 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.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. 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
- g. D.G. Set shall be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set

**8. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:**

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

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1	23.1 Latex Sludge	3.00	MT/M	CHWTSDF Ranjangaon
2	24.1 Textile chemical residues	15.00	Kg/M	CHWTSDF Ranjangaon
3	24.2 Chemical sludge from waste water treatment	16.00	MT/M	CHWTSDF Ranjangaon
4	33.2 Sludge from treatment waste water	30.00	Kg/M	CHWTSDF Ranjangaon
5	33.3 Discarded containers / barrels / liners	100.00	No./M	To authorised Reprocessor.
6	5.1 Used /spent oil	25.00	Lit./ M	To authorised Reprocessor.

7	5.1 Used /spent oil	20.00	Lit./ M	CHWTSDF / To authorised Reprocessor.
8	5.1 Used /spent oil	100.00	Lit./ M	CHWTSDF / To authorised Reprocessor.
9	34.1 Flue gas cleaning residue*	50.00	Kg/M	CHWTSDF / To authorised Reprocessor.
10	Used Batteries	4.0	Nos./Y	To authorised Reprocessor.

**9. Industry shall comply with following additional 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 the 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 consumptions vis-a vis actual power and chemical consumption along with Environmental statement.
- (vi) 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 house keeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- (vii) 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.
10. The Industry shall comply with the hazardous Waste (Management, Handling & Trans Boundary Movement) Rules, 2008.
11. The Industry shall submit Bank Guarantee of Rs. 5.0 Lacs in favour of Regional Officer, Pune for giving explanation regarding increased in Capital Investment within 15 days.
12. The application is issued pursuant to the decision of the Consent Appraisal Committee meeting held on dt.15/12/2011.
10. The Capital investment of the industry is Rs. 102.13 Crore.

  
(Milind Mhaiskar)  
Member Secretary

To,  
Brintons Carpet Asia(P)Ltd.  
G.No.414,415,416,Vill-Urawade,Tal-Mulshi.  
Pune -412108

Copy to:  
RO-Pune /SRO- Pune-II / CAO / Cess Branch / Master File

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	102139	021306	01/11/2010	HDFC Bank
2	60000	021982	06/01/2011	HDFC Bank
3	204278	022225	27/01/2011	HDFC Bank
4	240459	025426	01/12/2011	HDFC Bank

\* Consent fees received as per revised consent fees G.R. of Env't. Dept. GoM dated 25.8.2011