

# MAHARASHTRA POLLUTION CONTROL BOARD

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Sion Circle, Sion (E),  
Mumbai - 400 022

Consent order No :- Format 1.0/BO/CC Cell/A/CC- 3793

Date- 22/04/2014

To,  
M/s Global Nonwovens Ltd.,  
28 Km Milestone, NH3 Nashik-Mumbai Road, Village-Mundegaon,  
Tal. Igatpuri, Dist. Nashik.

Subject: Consent to Establish RED category LSI

Ref : 1. Your application dtd. 9/11/12.

2. Minutes of CC meeting held on 10/04/2014.

Your application :- : CE1212000434

Dated: :20.11.2012

For: 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 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 upto commissioning of the unit or upto 5 years whichever is earlier.
2. The proposed and/or actual capital investment of the industry is Rs. 441.0 Crs. (As per Undertaking (C.A.Certificate submitted by industry)
3. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity in MT/A
1	Non-woven Fabric	18,000

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	16.86	As per Schedule -I	100% recycle & reuse in process
2.	Domestic effluent	12.50	As per Schedule -I	On land for gardening

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

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	DG set	01	As per Schedule -II

6. Conditions under Hazardous Waste (M, H & T M) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	5.1 Used /spent oil	5.1	4.0	KL/A	Sale to authorised reprocessor /	Sale to authorised reprocessor /

7. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
8. Industry shall submit report of first trial run to the Env. Dept. for approval prior to obtaining Consent to Operate from the Board.
9. Industry shall recycle & reuse 100% of treated effluent/sewage.
10. This consent is issued as per the approval of RRZ committee's decision dtd. 11/03/2014 and as per decision of the Consent Committee in the meeting held on 10/04/2014.
11. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.

For and on behalf of the  
Maharashtra Pollution Control Board

(Rajeev Kumar Mital)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	8,22,000	010309	07/11/2012	Axis Bank

Copy to:

1. Regional Officer -Nashik and Sub-Regional Officer-Nashik, 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.

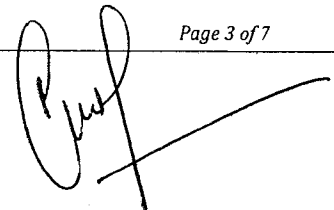
**Schedule-I**

**Terms & conditions for compliance of Water Pollution Control:**

- 1) A] As per your application, you have proposed to install/ provided the Effluent Treatment Plant (ETP) with the design capacity of 30 CMD.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards as per EP Act, 1986	Standards prescribed by Board (If any)
	<b>I. Compulsory Parameters</b>	<b>Limiting Concentration in mg/l, except for pH</b>	<b>Limiting Concentration in mg/l, except for pH</b>
01	pH	6.0-8.5	5.5-9.0
02	Oil & Grease	10	10
03	BOD (3 days 27oC)	100	100
04	Total Dissolved Solids	2100	
05	Bioassay Test	90% survival of fish after first 96 hrs in 100% effluent	
	<b>II Additional Parameters</b>		
06	Suspended Solids	100	100
07	COD	250	250
08	Chloride	600	
09	Sulphate	1000	

- C) The treated effluent shall be recycled & reused upto maximum extent and remaining, if any, shall be disposed on land for gardening/irrigation purpose.
- 2) A] As per your consent application, you have proposed to install/ provided the sewage treatment system with the design capacity of -- CMD.
- B] 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.
- C] The treated sewage effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any shall be applied on land for gardening purpose.
- 3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of water, works 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.
- 4) 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.
- 5) 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	0.0
2.	Domestic purpose	13.75
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	30.07
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.0

- 6) 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

#### Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to erect / erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	Height in Mtrs.	Type of Fuel	Quantity	UoM	S %	SO <sub>2</sub> Kg/Day
1	Generator	8.0	HSD	100	Kg/Hr		48

2. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup> .
SO <sub>2</sub>	Not to exceed	48 Kg/Day

3. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act,1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines. (Concern section shall mention specific control equipments).
4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.  
The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. The height of stack shall conform to the following criteria.
- $H=14 \times Q \times 0.3$  where SO<sub>2</sub> is emitted & Q= SO<sub>2</sub> emission as Kg/hr.
  - $H=74 \times Q \times 27$  where Particulate matter is emitted and Q- particulate matter as tone/hr. If by using the formula given above the stack height arrived is more than 9 m then this higher stack should be used.

**Schedule-III  
Details of Bank Guarantees**

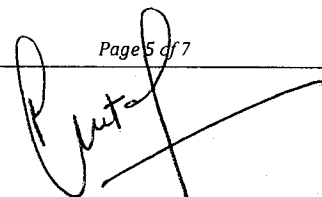
Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to E	Rs. 10 Lakh	within 15 days	towards compliance of the Consent conditions	upto Consent validity period	upto 31/03/2019

(The applicant shall submit an irrevocable Bank Guarantee of Rs. 10,00,000/- with the validity upto 31/03/2019 in the Regional Office, Nashik within 15 days from the date of issue of the Consent towards compliance of the Consent conditions)

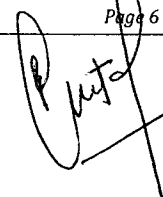
**Schedule-IV**

**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) The industry should monitor stack emissions and ambient air quality monthly/quarterly.
- 4) 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.
- 5) 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.
- 6) The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant 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 regarding pollution levels.
- 7) The industry shall maintain visit book for visiting MPCB officials and shall made available at the time of visit and ensure recording of remarks of the officer thereon along with his counter signature.
- 8) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity.
- 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) 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 Wastes (M,H &TM) Rules, 2008 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 11) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day obligation toward pollution control and compliance of consent condition to be monitored/reviewed and to suggest further necessary improvement therein.



- 12) Separate drainage system shall be provided for collection of trade and sewage effluents. No effluent shall find its way other than in designed and provided collection system.
- 13) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 14) 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.
- 15) 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.
  - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 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) Solid Waste – 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 to dumping ground.
- 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 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).
- 24) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 25) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 26) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009.
- 27) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contained 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.

Maharashtra Pollution Control Board

