

# MAHARASHTRA POLLUTION CONTROL BOARD

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Consent No: Format 1.0/ BO/CAC-Cell/EIC No:-NK-15030-13/CAC/CAC-1688  
Date- 12/02/2015

To,

M/s. Hindustan National Glass and Industries Ltd.,  
F-1 MIDC Maleagon Sinnar,  
Tal. Sinnar, Dist. Nashik  
Maharashtra.

Subject: Renewal of Consent unit under RED category.

- Ref : 1. Earlier Consent granted vide no. BO/JD(APC)/EICNo. NK-12436/CC/CAC-791 dtd. 21/01/2013.  
2. Minutes of CAC meeting held on 09.09.2014

Your application: CO1311000278

Dated: 19/9/2013

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 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 31/10/2013 to 31/10/2015
2. The actual capital investment of the industry is Rs. 718.64/- Crores. (As per CA certificate submitted by industry)

3. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity
1.	Empty Glass Bottle, Containers, Hallow Glassware	29,000 MT/Month

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	15	As per Schedule -I	100% recycle/reuse (Zero Discharge)
2.	Domestic effluent	165.0	As per Schedule -I	Recycle and On land

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.	Furnace (1)	01 No.	As per Schedule -II
2.	Furnace (2)	01 No.	As per Schedule -II
3.	DG set ( 2*2750 KVA)	02 Nos.	As per Schedule -II

Hindustan National Glass & Industries Ltd, SRO Nashik I/R/L/75964000



6. Conditions about Non Hazardous Wastes:

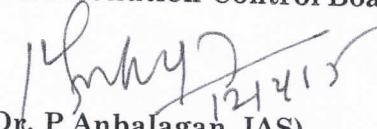
Sr. no.	Type Of Waste	Quantity in MT	Treatment	Disposal
1	Cardboard Scrap	65 MT/M	--	Sale
2	MS Scrap	40 MT/M	--	Sale
3	Empty Metal Drums	88 Nos./M	--	Sale
4	Plastic Drums	120 Nos./M	--	Sale
5	Packaging Material (Wooden)	13 MT/M	--	Sale
6	HDPE Bags	2.10 MT/M	--	Sale
7	Packaging Material (Polythene)	4 MT/M	--	Sale
8	Canteen Waste	7 MT/M	--	Sale

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Used/Spent oil	5.0	2.00	KL/A		Burnt in furnace at 1600 °C temp.

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- The application for consent to 1st operate for petcoke fired furnaces is not approved, hence industry shall not operate petcoke fired furnaces till finalization of pending petcoke policy.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.

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.	16,58,107	105336	18/9/2013	HDFC
2.	2,19,980/-	105444	30/11/2013	HDFC
3.	9,96,573/-	500241	18/12/2014	SBI

Copy to:

- Regional Officer, MPCB, Nashik and Sub-Regional Officer, MPCB, Nashik. They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Mumbai.
- 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 the Effluent Treatment Plant (ETP) with the design capacity not mentioned.  
B] The treated effluent 15 CMD shall be 100 % Recycled & reused in process to achieve zero discharge of effluent. In any case, the effluent shall not find its way on land.
- 2) A.] As per your consent application, you have provided the sewage treatment system.  
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	50	mg/l.
(2)	BOD 3 days 27oC.	Not to exceed	30	mg/l.
(3)	COD.	Not to exceed	100	mg/l.

  
C] The treated sewage effluent shall be disposed on own land of 22.23 acres for irrigation/gardening.
- 3) 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.
- 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	420.0
2.	Domestic purpose	190.0
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	260.0
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	-----

- 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.





**Schedule-II**

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

1. As per your application, you have provided the Air pollution control (APC) system and also erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO <sub>2</sub> Kg/Day
1	DG Set (2750 KVA)	Stack-Acoustic Enclosure	30.6	HSD	528LPH	1%	253.44
2	DG Set (2750 KVA)	Stack-Acoustic Enclosure	30.6	HSD	528LPH	1%	253.44
3.	Furnace-1	Stack(STG Germany make Lambda Control System	88.0	F.O.	38 TPD	4.5%	3420
				LNG/LPG	35TPD	-	-
4.	Furnace-2	Stack Stack(STG Germany make Lambda Control System	99.5	F.O.	50TPD	4.5%	4500
				LNG/LPG	8TPD	-	-

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

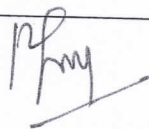
Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup> .
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4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
5. 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).

*[Signature]*

**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 R (existing to be extended)	5.0 lakh	15 Days	O& M of Pollution control system	31.10.2015	28.02.2016
2	C to R	5.0 lakh	15 Days	To not to operate petcoke fired furnaces.	31.10.2015	28.02.2016



Maharashtra Pollution Control Board



#### 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) If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker if applicable.
- 3) Industry should monitor effluent quality, 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 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.
- 7) 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.
- 8) 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.
- 9) 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 Hazarsous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 10) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 11) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**
- 12) 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](http://www.mpcb.gov.in)).
- 13) 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.
- 14) 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.
- 15) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.