

MAHARASHTRA POLLUTION CONTROL BOARD

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

Consent order No :- Formate1.0/ BO/CAC-Cell/ EIC No AD-15958-14/23rd CAC/ 1716
Date- 12/02/2015

To,
M/s. Garware Industries Ltd
Gut No. 374, 376 & 378,
Aurangabad-Pune Road,
P.O. Waluj, Dist - Aurangabad

Subject: Renewal of two consents with amalgamation of both consents under RED/LSI category.

- Ref:** 1. Earlier Consent granted vide no. BO/AS (T)/R/EIC NO.AD-11781-12/CC-3244 dtd 16/04/2013.
2. Earlier Consent granted vide no. BO/PAMS/R/EIC NO.AD-12250-13/CC-1701 dtd 27/02/2013.
3. Your application approved in CAC meeting held on 21.01.2015

Your application: CO1409000130

Dated: 12.08.2014

For: Renewal of two consents with amalgamation of both consents. 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:

- The consent is granted for a period from 01/10/2014 to 30/09/2019.
- The actual capital investment of the industry is Rs. 78.86 Crs. (As per C.A. Certificate submitted by industry).
- The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity in MT/M
1	Stabilized Coloured Polyfilm	100
2	Sun Control Polyester Laminated film	212
3	By product - MEG	40
4	By product - Methanol	01

- 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	75.6	As per Schedule -I	To ETP of M/s Garware Polyesters Ltd.
2.	Domestic effluent	15	As per Schedule -I	Land for Gardening

(Handwritten Signature)

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.	Thermic fluid Heater 2 nos)	2	As per Schedule -II

6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Non halogenated polyester color film.	1000 KG/Day	--	Recycling
2	Non halogenated polyester laminate film. Qty. / approx.	2000 KG/Day	--	Used in Garware Polyester Ltd, Waluj Boiler (Consent No. BO / CAC-Cell/ EIC No. AD-13906-13/ 20th CAC - 1494 dated 15.02.2014)
3	Metal Scrap	5 MT Per Annum	--	Sale to recycler / secondary user
4	Corrugated boxes / Paper core	5 MT Per Annum	--	Sale to recycler / secondary user
5	Waste Wooden	2 MT Per Annum	--	Sale to recycler / secondary user

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

Sr. No.	Type Of Waste	Categor y	Quanti ty	UOM	Treatment	Disposal
1	Used Spent Oil	5.1	1.6	Ltr/D	--	Sale to authorized recycler
2	Spent Solvents	20.2	420	Kg/D	--	Sale to authorized recycler
3	Discarded containers/barrels/ liners contaminated with hazardous wastes/chemicals/ Discarded filters	33.3	20	Nos/ M	--	Sale to authorized recycler / CHWTSDF
4	Discarded filters contaminated with hazardous waste/chemicals	33.3	275	Nos/M	--	CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. M/s Garware Industries Ltd shall sign bi-lateral agreement with M/s Garware Polyesters Ltd for joint responsibility of the treatment of their effluent. If M/s M/s Garware Polyesters Ltd fails to treat their effluent, they should make their own arrangement for the treatment of effluent. In case of the non-compliance of proper O&M, discharging pollutants, both of them will be jointly & severally liable for the same & any legal obligation, action etc.
11. Industry shall submit the design details of ETP & APC by 28.01.2015 and submit BG of Rs 2 lakhs for the compliance of the same.

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	6,25,000/-	211869	16.07.2014	The Cosmos Co-Op. Bank
2	100/-	211914	30.07.2014	The Cosmos Co-Op. Bank

Copy to:

1. Regional Officer - Aurangabad and Sub-Regional Officer- Aurangabad 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 shall send the trade effluent for treatment in the ETP of M/s Garware Polyester Ltd (sister concern unit).
- 2) A] As per your consent application, you have provided the sewage treatment system with the design capacity of 15 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 50 mg/l.
 - (2) BOD 3 days 27°C. Not to exceed 30 mg/l.
 - (3) COD Not to exceed 100 mg/l.
- C] The treated sewage water shall be disposed on land for 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	205
2.	Domestic purpose	22
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	22
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0



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 ₂ Kg/Day
1	Thermic fluid heater	Cyclone	32	Furnace Oil	119 Kg /hr	3 %	171
	Thermic fluid heater	Cyclone	35	Furnace Oil	166 Kg /hr	3 %	239

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 / Environmental Clearance / CREP guidelines.
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 ³ .
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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/alteration 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).



Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to /O/)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	Rs 5 lakh *	Submitted	O & M of Pollution control system	30.09.2019	30.01.2020
2	C to R	Rs 2 lakh	Within 15 days from the date of issue of consent	Industry shall submit the design details of ETP & APC	28.02.2015	30.06.2015

*The BG of Rs 5 lakhs towards O & M of PCS shall be extended for a period of 30.01.2020.



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) Industry should monitor effluent quality, stack emissions and ambient air quality monthly.
- 3) 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.
- 4) 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.
- 5) 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.
- 6) 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.
- 7) 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.
- 8) 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 Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 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 make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**
- 11) 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).
- 12) 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.
- 13) 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.
- 14) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

- 15) 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.
- 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 statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 20) 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 of solid waste.
- 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 official e-mail address and any change will be duly informed to the MPCB.
- 24) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

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