

MAHARASHTRA POLLUTION CONTROL BOARD

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Circle, Sion (E),
Mumbai-400022

RED/L.S.I ()

Date: 12/06/2024

No:- Format1.0/CAC/UAN No.MPCB-
CONSENT-0000181353/CO/2406001115

To,
Garware Hi-Tech Films Limited (Formerly known as
'Garware Polyester Limited')
Gut No. 374, 375, Survey No. 9, 10/1 & 10/2, Naigoan,
Tal. Gangapur, Dist. Chatrapati Sambhaji Nagar.



Sub: Grant of amendment in Renewal of consent for incorporation of BMW generated from 2 Nos of observatory beds under Red Category

- Ref:**
1. Previous Renewal of consent granted by Board vide No. Format1.0/CAC/UAN No. MPCB-CONSENT-177589/CR/2312001025, dated 08.12.2023, valid up to 30.09.2026.
 2. Minutes of 23rd Consent Appraisal Committee meeting held on 05.03.2024

Your application No.MPCB-CONSENT-0000181353 Dated 11.09.2023

For: grant of amendment in Renewal of consent for incorporation of BMW generated from 2 Nos of observatory beds 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 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 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 to operate is granted for a period up to 30/09/2026**
2. **The capital investment of the project is Rs.890.53 + 0.6 = 891.13 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 877.85 Crs. + Expansion C.I. - Rs. 12.68 Crs.)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Laminated Sun Control Window Film	150	MT/M
2	Biaxially Oriented Polypropylene Film	1500	MT/M
3	Polyester Chips	5250	MT/M
4	Polyester Film (Transparent, white, opaque, shrink, laminated ect)	3500	MT/M
5	Bio-Diesel	15000	MT/M
6	Extrusion Film	450	MT/M

Sr No	Product	Maximum Quantity	UOM
7	Laminated Surface Protection Film	100	MT/M

(First aid 2 Nos of observatory beds)

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	181.5	As per Schedule-I	Partly recycle 115 CMD & partly CETP 99 CMD
2.	Domestic effluent	38	As per Schedule-I	On land for gardening

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Boiler (10 TPH)	1	As per Schedule -II
2	S-2	Boiler (12 TPH Standby)	1	As per Schedule -II
3	S-3	Boiler (12 TPH Standby)	1	As per Schedule -II
4	S-4	Thermic Fluid Heater (2 X 1.6 mKcal/Hr)	1	As per Schedule -II
5	S-5	Thermic Fluid Heater (16 mKcal/Hr)	1	As per Schedule -II
6	S-6 to S-11	DG Sets (06 Nos)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Waste Laminated Sun Control Film	60	MT/M	Sale	Recycling inhouse / Sale to Party/ Vender / Secondary User
2	Wooden & Paper Waste	71.5	MT/M	Sale	Sale to authorized party
3	Polyester Film Waste	70	MT/M	Sale	Sale to authorized party
4	Laminated Surface protection film waste	40	MT/M	Sale	Sale to authorized party
5	Polyester waste, LM Poly waste, Lumps, Film Waste, Wiry etc	225	MT/M	Sale	Sale to authorized party
6	Metal Scrap	13	MT/M	Sale	Sale to authorized party
7	Briquette Boiler Ash	240	MT/M	Sale	Sale to Brick Manufacturer

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	1.715	MT/M	Recycle	Sale to authorised party

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
2	20.2 Spent solvents	26.5	MT/M	Recycle*	Sale to authorised party
3	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1050	No/M	Recycle*	Sale to authorised party
4	33.2 Contaminated cotton rags or other cleaning materials	100	No/M	Incineration	CHWTSDF
5	35.3 Chemical sludge from waste water treatment	14	MT/M	Landfill	CHWTSDF
6	5.2 Wastes or residues containing oil	100	Kg/M	Incineration	CHWTSDF

* Sale to Authorized Party having permission under Rule 9 of H& OW Rule

8. **Treatment and Disposal of Biomedical Waste generated to CBMWTSDF:**

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Expired or Discarded Medicines	0.30	Yellow colored non- chlorinated plastic bags or containers	CBMWTSDF
		b) Discarded linen, mattresses, beddings contaminated with blood or body fluid.	0.20		
2	White (Translucent)	Waste sharps including Metals	0.50	Puncture proof, Leak proof, tamper proof container	CBMWTSDF

9. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
10. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
11. The applicant shall comply with the conditions stipulated in the EPR issued under Plastic Waste Rule.
12. The applicant shall comply with the provisions of Plastic Waste Management Rule 2016 & amended thereto.
13. This applicant shall comply with the provisions of Maharashtra Plastic Waste Management and Handling Rules 2016 & amended thereto
14. Industry shall submit/extend bank guarantee of Rs. 25 lakh towards O & M of pollution control systems and compliance of consent conditions.
15. This consent is issued as per the minutes of 23rd Consent Appraisal Committee meeting held on 05.03.2024.

16. This consent is issued with overriding effect on previous Renewal of consent granted by Board vide No. Format1.0/CAC/UAN No. MPCB-CONSENT-177589/CR/2312001025, dated 08.12.2023, valid up to 30.09.2026.
17. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	500.00	TXN2309001668	11/09/2023	Online Payment
2	1000.00	TXN2406001217	07/06/2024	Online Payment

(Industry has paid consent fees of Rs. 53,40,032/- + 28,508/- along with UAN No. 177589 which is considered for grant of renewal of consent for the period up to 30.09.2026)

Copy to:

1. Regional Officer, MPCB, Aurangabad and Sub-Regional Officer, MPCB, Aurangabad I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CAC-CC desk for updating.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 438.00 CMD consisting of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter, RO & MEE) for the treatment of 181.5 CMD of trade effluent.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
(1)	pH	6.0 -8.5
(2)	BOD (3 days 27°C)	30
(3)	COD	250
(4)	TSS	100
(5)	Oil & Grease	10
(6)	TDS	2100
(7)	Chlorides	600
(8)	Sulphates	1000
(9)	Free Residual Chlorine	3

- C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
- D] The treated effluent shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged to CETP after confirming above standards. In no case, effluent shall find its way outside factory premises.
2. A] As per your application, you have provided 2 Nos of Sewage Treatment Plat (STP) of capacity 50 CMD & 40 CMD for treatment of 38 CMD of sewage.
- B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	Suspended Solids	Not to exceed	50
2	BOD 3 days 27°C	Not to exceed	30
3	COD	Not to exceed	100

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.

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 an 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) Act, 1974 and as amended, by installing water meters 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	1255.00
2.	Domestic purpose	50.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	140.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	140

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 provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Boiler	Cyclone Scrubber	31.70	Briquette 42 MT/Day	-	TPM	150 Mg/Nm ³
				Polyester Film 04 MT/Day	-	SO2	48 Kg/Day
S-2	Boiler	Stack	45.50	LSHS 229 Kg/Hr	1	TPM	150 Mg/Nm ³
						SO2	110 Kg/Day
S-3	Boiler	Stack	31.70	LSHS 229 Kg/Hr	1	TPM	150 Mg/Nm ³
						SO2	110 Kg/Day
S-4	Thermic Fluid Heater	Stack	31.70	LSHS 370 Kg/Hr	1	TPM	150 Mg/Nm ³
						SO2	178 Kg/Day
S-5	Thermic Fluid Heater	Stack	52.00	LSHS 1452 Kg/Hr	1	TPM	150 Mg/Nm ³
						SO2	740 Kg/Day
S-6 to S-8	DG Set (2X1000 KVA & 1050 KVA)	Acoustic Enclosure	14.00	Diesel 480 Kg/Hr	1	TPM	150 Mg/Nm ³
						SO2	740 Kg/Day
S-9 to S-11	DG Sets (1450 & 2 X 1525 KVA)	Acoustic Enclosure	20.00	Diesel 675 Kg/Hr	1	TPM	150 Mg/Nm ³
						SO2	324 Kg/Day

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:

Parameters	Standards (unit)	
Total Particulate Matter	Not to exceed	150 mg/ Nm ³

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 (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	25 Lakh	15 Days	Towards O&M of Pollution Control system and compliance of Consent Conditions	30/9/2026	31.03.2027

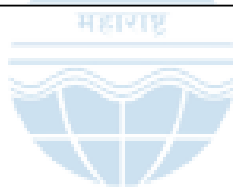
If the above Bank Guarantee is not submitted within stipulated period, then 12% interest will be levied as a penalty as per circular dtd 29/02/2024 No. BO/MPCB/AS(T)/Circular/B-240229FTS0122

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



SCHEDULE-IV

General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. 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) 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.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) 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.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. 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.
6. 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.
7. 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.
8. 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).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. 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 an extension or addition thereto.

12. 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.
13. The PP shall provide personal protection equipment as per norms of Factory Act 1948
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. 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.
16. 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.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, 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.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. 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).
20. 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.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. 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.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. 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.

26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. 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.
28. 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.
29. 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.
30. The firm shall submit to this office, the 30th day of September every year, the Environment 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.
31. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or 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.
32. 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).
33. 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.

This certificate is digitally & electronically signed.
