

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Consent order No: - Format 1.0/ BO/CAC-Cell/ UAN No 0000034084/8th CAC - 1807000188
Date- 06/07/2018

To,
M/s. Jindal Poly Films Limited,
28th KM Milestone, Nasik-Igatpuri Road,
Village Mundhegaon, Tal. Igatpuri,
Dist. Nashik-422 403.

Subject: Consent to Establish for expansion in existing unit under RED/LSI category.

Ref: 1. Earlier Consent granted vide no. Format 1.0/ BO/CAC-Cell/ UAN No 36121, 41115 & 38456/ CAC-1806000795 dtd. 21.06.2018 valid upto 30.09.2020.
2. Minutes of Consent Appraisal Committee dtd. 09.02.2018.

Your application UAN No. 0000034084
Dated: 26.09.2017.

For: Consent to Establish for expansion in existing unit under RED category 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 6 of the Hazardous & Other Wastes (Management & Transboundry 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 annexed to this order:

1. The consent is granted for a period up to up to commissioning of the unit or 5 years i.e. upto 31/05/2023 whichever is earlier.
2. The capital investment of the proposed unit is Rs. 140 Crs [Existing C.I.-Rs. 2,165 Crs.] as per undertaking submitted by the industry.
3. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity & UOM
1.	Pet Chips	12,000 MT/ M

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	310	As per Schedule -I	100% Recycle in the process to achieving Zero Liquid Discharge
2.	Domestic effluent	8	As per Schedule -I	On land for gardening within premise

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	Coal Fired heater	1	As per Schedule -II

6. Conditions about Non-hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Bio Chemical sludge from STP	100 Kg/day	NA	Used as manure/sale to outside party
2	Bio Chemical sludge from ETP	100 Kg/day	NA	Used as manure/sale to outside party
3	Poly chips	1 MT/M	NA	By Sale to Scrap Merchant
4	Fly Ash	320 MT/M	NA	
5	Polyester Lumps	10 MT/M	NA	
6	Wooden Scrap	5 MT/M	NA	
7	MS Scrap	5 MT/M	NA	

7. Conditions under Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treat-ment	Disposal
1	Used/ spent oil	5.1	10	MT/Year	---	Sale to CPCB/ MPCB Authorized Recycler

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. Industry shall provide adequate treatment facility for the treatment of the effluent generated from proposed expansion and recycle/ reuse 100% of the treated effluent so as to achieve Zero Liquid Discharge.
11. Industry shall obtain Consent to Operate from the Board prior to commencement of commercial production of proposed expansion.
12. The application for grant of Consent to 1st Operate for proposed expansion will be considered only after submission of NOC from CGWA/ Irrigation department for consumption of groundwater/ surface water.
13. This consent is issued pursuant to the decision of the Consent Appraisal Committee meeting held on 09.02.2018.

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/ DR/ RTGS/ NEFT/ TRN. No.	Date
1	2,80,000/-	TXN1709002483	27.09.2017

Copy to:

1. Regional Officer, M.P.C. Board, Nashik/ Sub-Regional Officer, M.P.C. Board, Nashik.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updating purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to treat the 310 CMD of trade effluent in existing Effluent Treatment Plant (ETP) of Capacity 900 CMD.
- 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	Standards prescribed by Board (If any)
		Limiting Concentration in mg/l, except for pH
01	pH	5.5 to 9.0
02	Oil & Grease	10
03	BOD (3 days 27°C)	100
04	Total Dissolved Solids	2100
05	Suspended Solids	100
06	COD	250
07	Chloride	600
08	Sulphate	1000
09	Residual Chlorine	1
10	Hexavalent Chromium	0.1
11	Total Chromium	2
12	Phenol & Phenolics Compounds	1

- C] The treated effluent shall be recycled up to maximum extent and remaining shall be used on land for gardening within premise so as to achieve 100% Zero Liquid Discharge.
- 2) A] As per your consent application, you have proposed to treat the 8 CMD of domestic effluent in existing the sewage treatment system with the design capacity of 300 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 effluent shall be used on land for gardening within premise.
- 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 submit Water Cess Returns in Form-I and pay the Water Cess charges for period upto 30/06/2017 as per the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977. Industry shall install water meters for consuming water as follows:

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	980
2.	Domestic purpose	10
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	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.

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

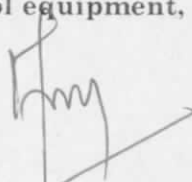
1. As per your application, you provided the Air pollution control (APC) system and also erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO ₂ Kg/Day
1	Coal Fired Heater	ESP	45	Coal	100 Kg/Hr	0.5	24

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:

TPM	Not to exceed	150 mg/Nm ³ .
Ammonia	Not to exceed	50 ppm

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

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 H&OW(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.
- 8) The industry should comply with the Hazardous & Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Wastes (M & TM) Rules, 2016 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 obtain Consent to Operate prior to commencement of commercial production.**
- 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.