

MAHARASHTRA POLLUTION CONTROL BOARD

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RED/L.S.I (R59)

No:- Format1.0/CAC/UAN No.0000071747/CR 2109000367

Date: 13/09/2021

To,
Bilt Graphics Paper products Limited ,
At Post: Ballarpur, Tal: Ballarpur,
Dist: Chandrapur



Your Service is Our Duty

Sub: Renewal of consent under Red Category

- Ref:**
1. Consent to operate granted by the Board vide no. BO/CAC-Cell/ UAN No. 25587/R/CAC-1109 Dated 12.09.2018 valid up to 30.06.2019.
 2. The minutes of the CAC meeting held on 04.05.2021 & 06.05.2021.

Your application No.MPCB-CONSENT-0000071747 Dated 20.04.2019

For: grant of Consent to Operate 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 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 renewal is granted for a period up to 31/08/2021
2. The capital investment of the project is Rs.3430.65 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs 3402.67 . Crs + Expansion/Increase in C.I. - Rs. 28.0 Crs)
3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
Products			
1	Chlorine Dioxide	600	MT/M
2	Calcium Hypochlorite	120	MT/M
3	Hydrochloric Acid	800	MT/M
4	Lime from lime Sludge	8500	MT/M
5	Paper	26750	MT/M
6	Generation of Electricity - Power	67.5	MW
7	Producer Gas for Lime Kiln	4750	m3/hr

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

<i>Sr No</i>	<i>Description</i>	<i>Permitted (in CMD)</i>	<i>Standards to</i>	<i>Disposal Path</i>
1.	Trade effluent	47350	As per Schedule-I	43650 CMD treated process effluent shall be maximum reused / recycled and 3700 CMD treated effluent of Captive plant shall be maximum recycled / reused for ash handling, dust suppression etc .and remaining used for plantation/ Irrigation.
2.	Domestic effluent	3000	As per Schedule-I	The treated effluent confirming to the standards prescribed in the schedule -I shall be used for i.e. Bamboo washing, plantation irrigation and achieve zero discharge to the Wardha River.

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

<i>Sr No.</i>	<i>Stack No.</i>	<i>Description of stack / source</i>	<i>Number of Stack</i>	<i>Standards to be achieved</i>
1	S-1	Recovery Boiler	1	As per Schedule -II
2	S-2	CFBC-9	1	As per Schedule -II
3	S-3	CFB-7 & CFB 8	1	As per Schedule -II
4	S-4	CFB-6	1	As per Schedule -II
5	S-5	New Lime Kiln	1	As per Schedule -II
6	S-6	Old Lime Kiln	1	As per Schedule -II
7	S-7	Bleach Plant	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

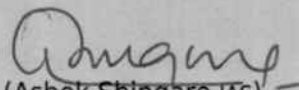
<i>Sr No</i>	<i>Type of Waste</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	Wood/Bamboo Dust	18000	MT/A	Reuse	By Sale
2	ETP Sludge	21000	MT/A	Reuse	By sale to Board Mills
3	Lime Sludge	29200	MT/A	Reuse	Given to cement manufacturers for co-processing and remaining for landfill
4	Coal Ash	188705	MT/A	Reuse	Sale to bricks manufacturers/Cement industries

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	66	Kg/Day	Recycle	Sale to Registered Reprocessor
2	15.1 Asbestos-containing residues	11	Kg/Day	Landfill after treatment	CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke 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. This consent is issued pursuant to the decision of the 2nd Consent Appraisal Committee Meeting held on 04.05.2021 & 06.05.2021.
11. PP shall conclude agreement for irrigation use in 3 months.
12. PP shall prepare and submit an action plan within two months towards use of treated effluent for irrigation purpose so as to minimize discharge of treated effluent to River Wardha, separate treatment facility for bleaching section effluent including color removal and for reduction in BOD and COD concentration and implement the action plan in next three months.
13. PP shall submit BG of Rs. 25 Lakh towards compliances and implementation of above action plan.
14. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	34306500.00	5451155	22/04/2019	RTGS

Balance amount of Rs. 19365350 will be considered at the time of next renewal of consent.

Copy to:

1. Regional Officer, MPCB, Chandrapur and Sub-Regional Officer, MPCB, Chandrapur
- They are directed to ensure the compliance of the consent conditions.
- They are directed to forfeit the bank guarantee of Rs.5.0 Lakhs & obtain top up BG of Rs. 30 Lakhs from the industry
2. Chief Accounts Officer, MPCB, Sion, Mumbai

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 91000.00 CMD consisting of Primary (Collection tank, Neutralization tank, Equalization tank), Secondary (MBBR, DAF) for the treatment of 47350 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	5.5 to 9.0
(2)	Oil & Grease	10 mg/l
(3)	BOD (3 days 27°C)	25 mg/l
(4)	Total Suspended solids	100 mg/l
(5)	Bioassay Test	90 % survival of fish after frist 96 hours in 100%effluent
(6)	Total Dissolved Solids	2100 mg/l
(7)	COD	250 mg/l
(8)	Chlorides	600 mg/l
(9)	Sulphate	1000 mg/l
(10)	Sulphide	1.0 mg/l
(11)	Residue Chlorine	1.0 mg/l
(12)	pH [Condensate Cooling water]	6.5 to 8.5
(13)	Temperature [Condensate Cooling water]	Not to exceed 5 oC higher than the intake water temperature
(14)	Free available Chlorine [Condensate Cooling water]	0.5 mg/l
(15)	Suspended Solids [Boiler blow down]	100 mg/l
(16)	Oil and Grease [Boiler blow down]	20 mg/l
(17)	Copper (Total) [Boiler blow down]	1.0 mg/l
(18)	Iron (Total) [Boiler blow down]	1.0 mg/l
(19)	Free Available Chlorine [Cooling tower blow down]	0.5 mg/l
(20)	Zinc [Cooling tower blow down]	1.0 mg/l
(21)	Chromium (Total) [Cooling tower blow down]	0.2 mg/l

Sr.No	Parameters	Standards
(22)	Phosphate [Cooling tower blow down]	5.0 mg/l
(23)	pH [DM Plant]	5.5 to 9.0
(24)	BOD 3 days at 27 o C [DM Plant]	30 mg/l
(25)	COD [DM Plant]	250 mg/l
(26)	Suspended Solids [DM Plant]	100 mg/l
(27)	Oil and Grease [DM Plant]	10 mg/l
(28)	TDS [DM Plant]	2100 mg/l

- C] The total industrial effluent generation shall be 43650 CMD . Industry shall utilize treated effluent to the maximum extent for recycling purpose. i.e. for bamboo washing, plantation / irrigation and excess be discharged to the Wardha River.
- D] Treated effluent of the captive power plant shall be recycled / reused for ash handling, dust suppression etc. to the maximum extent and remaining shall be utilized for plantation / irrigation.
2. A] As per your consent application, you have provided the septic tank and soak pit for treatment of 3000 CMD sewage and over flow of the same is taken in to ETP for further treatment.
- B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1 B & C of schedule I.
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 there of & 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	21320.00
2.	Domestic purpose	4140.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	40758.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	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.
7. CREP Condition - I] Discharge of AOX Kg/Tonne of paper - I] AOX - 1.5 Kg/T of paper within 2 years. , II] AOX- 1.0 Kg/T of paper in 5 years.
8. CREP Condition:- Installation of lime Kiln - within 4 years .
9. CREP Condition:- Waste water discharge cum / tonne of paper- I] < 140 cum/ tonne of paper within 2 years, II] <120 cum/tonne in 4 years.
10. CREP Condition:- Odor control by burning the reduced Sulphur emissions in the boiler / lime kiln - Installation of odor control system within 4 years
11. CREP Condition: - Utilization of treated effluent for irrigation - Utilization of treated effluent for irrigation wherever possible.
12. CREP Condition:- Colour removal from the effluent - Colour removal to be installed only for mills discharging effluent in to surface water.
13. PP shall provide continuous flow meter for the measurement of the flow of the effluent.

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	Recovery Boiler	ESP	85.00	Black Liquor Solids 1610 MT/Day	-	TPM	100 Mg/Nm ³
						SOx	-
S-2	CFBC-9	ESP	105.00	Coal 950 MT/Day	0.5	SO2	9500 Kg/Day
						TPM	100 Mg/Nm ³
S-3	CFB-7 & CFB- 8	ESP	75.00	Coal 550 MT/Day	0.5	SO2	5500 Kg/Day
						TPM	100 Mg/Nm ³
S-4	CFB-6	ESP	70.00	Coal 100 MT/Day	0.5	SO2	1000 Kg/Day
						TPM	100 Mg/Nm ³
S-5	New Lime Kiln	ESP	72.00	FO & Producer Gas 63 - -NA--	4.5	SO2	6480 Kg/Day
						TPM	100 Mg/Nm ³
S-6	Old Lime Kiln	ESP	62.00	FO & Producer Gas 63 MT/Day	4.5	SO2	5580 Kg/Day
						TPM	100 Mg/Nm ³

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-7	Bleach Plant	Ventury Scrubber	32.00	-	-	Chlorine	3 PPM
						HCL	35 Mg/Nm ³

PP shall operate only one Lime Kiln at a time.

- 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.
- 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.
- 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).
- PP shall install online continuous monitoring system for SO₂ and SPM and shall connect upload the online monitoring data at MPCB and CPCB server.

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	Renewal of Consent	Rs.30 Lakhs	15 days	Towards operation and maintenance of pollution control systems so as to achieve consent standards and consent conditions.	Continuous	31.12.2021
2	Renewal of Consent	Rs. 25 Lakhs	15 days	Towards compliances of consent conditions and implementation of action plans	Continuous	31.12.2021

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
1	Renewal of Consent	Rs.25 Lakhs	15 Days	Towards operation and maintenance of pollution control systems so as to achieve consent standards.	Rs.5.0 Lakhs	Exceedance of JVS results

BG Return details

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

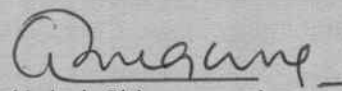
**SCHEDULE-IV
General Conditions:**

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
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. 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.
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.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary