



Office Dispatch No.: PBIP | PPCB | 2025 | 3523

Date: 20-06-2025.

✓ To

PAVAN KHAITAN
47, SECTOR 4
CHANDIGARH, NULL - 160001

Subject:- Grant Varied 'Consent to Operate' an Outlet u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 for discharge of Effluent.

With reference to your application for obtaining Varied 'Consent to Operate' an outlet for discharge of the effluent u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974, you are, hereby, authorized to operate an industrial unit for discharge of the effluent(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

1. Particulars of Consent to Operate under Water Act, 1974 granted to the Industry:

PIN	250340549
Application No.:	2505663748
Date of Issue:	20-Jun-2025
Date of Expiry:	31-Mar-2027
Certificate Type:	Varied
Certificate No:	CTOW/Varied/PBIP/HSP/2025/2505663748

2. Particulars of the Industry:

Name & Designation of the Applicant:	Pavan Khaitan, (Managing Director)
Name of Business Entity	Kwantum Papers Ltd.
Name of the Project/Unit:	Kwantum Papers Ltd.
Address of Project/Unit:	Village Saila Khurd, Chandigarh Road , Garhshankar , Hoshiarpur
Capital Investment of the Industry(in lakhs):	146281.81
Category of Industry:	Red
Type of Industry:	1059 - Pulp & Paper (Large-Agro +wood) , Small Pulp & Paper (agro based-wheat straw/rice husk)
Scale of the Industry:	Large - > Rs. 50 Crore
Office District:	Hoshiarpur
Consent Fee Details:	Rs. 28,80,000/- vide UTR No. SBINR12023011125733316 dated 11.01.2023
Raw Materials (Name with quantity per day):	Agro Residue @ 413 MTD, Woody Raw Material @ 500 MTD, Purchased Pulp @ 93 MTD, Fillers and Additives @ 91 MTD, Cooking Chemical (White Liquor) @ 130 MTD, Sodium Chlorate for Chlorine dioxide Plant @ 13 MTD, Methanol for Chlorine dioxide Plant @ 1.5 MTD, Sulphuric Acid @ 12 MTD, Caustic for ODL and EP Bleaching @ 17

	MTD, Sulphur Dioxide @ 1 MTD, Sulphur for Sulphur dioxide Plant @ 0.5 MTD, Oxygen @ 8.6 MTD, Hydrogen Peroxide @ 5 MTD, Modified Starch for Paper Making @ 20 MTD, Chlorine dioxide @ 8 MTD
Products (Name with quantity per day):	Writing and Printing Paper @ 540 Metric Tonnes/Day, Captive @ 28 Megawatt, Co-Generation Power @ 10 Megawatt, Conventional Chemical Recovery (CRP) for Black Liquor to White Liquor Recovery @ 580 Metric Tonnes/Day
By Products, if any (Name with quantity per day) :	White Liquor (as Na ₂ O) @ 130 MTD, Soda Ash @ 35 MTD, Lignin @ 25 MTD, Calcium Oxide @ 125 MTD, Precipitated Calcium Carbonate Slurry @ 69 MTD, Sodium Sulphate @ 8 MTD, ETP Waste Fibre (BD) for Board Making & Selling @ 22 MTD
Details of the machinery and processes:	As per application form
Details of Effluent Treatment Plant:	Trade Effluent @ 17000 KLD - Treated in the ETP, Domestic Effluent @ 114 KLD - Treated through Septic Tanks followed by ETP.
Mode of disposal of Effluent:	Treated TE & DE is being discharged onto land for plantation in an area of 110 acres within the premises and onto 2050 acres in the nearby villages for irrigation.
Standard to be achieved under Water(Prevention & Control of Pollution) Act, 1974:	As per effluent standards prescribed by the CPCB/MoEF&CC/PPCB, from time to time


20/05/2025

Senior Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

Endst. No.

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

1. Senior Environmental Engineer, Zonal Office, Jalandhar.
2. Environmental Engineer, Regional Office, Hoshiarpur.

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Senior Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Limited or for getting loan from the financial institutions.
2. The industry shall apply for renewal/further extension in validity of consent atleast two months before expiry of the consent.
3. The industry shall ensure that the effluent discharging through the authorized outlet shall confirm to the prescribed standards as applicable from time to time.
4. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
5. The achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/recirculation system installed shall be the entire responsibility of the industry.
6. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Wastes(Management, Handling and Trans boundary Movement) Rules, 2008 as amended time to time , without any adverse effect on the environment, in any manner
7. The responsibility to monitor the effluent discharged from the authorized outlet and to maintain a record of the same rests with the industry. The Board shall only test check the accuracy of these reports for which the industry shall deposit the samples collection and testing fee with the Board as and when required.
8. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year
9. The industry shall submit a yearly certificate to the effect that no addition/up-gradation/modification/modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
10. During the period beginning from the date of issuance and the date of expiration of this consent, the applicant shall not discharge floating solids or visible foam.
11. Any amendments/revisions made by the Board in the tolerance limits for discharges shall be applicable to the industry from the date of such amendments/revisions
12. The industry shall not change or alter the manufacturing process(es) so as to change the quality and/or quantity of the effluents generated without the written permission of the Board.
13. Any upset conditions in the plant/plants of the factory, which is likely to result in increased effluent and/or result in violation of the standards lay down by the Board shall be reported to the Environmental Engineer,Punjab Pollution Control Board of concerned Regional Office immediately failing which any stoppage and upset conditions that come to the notice of the Board/its officers, will be deemed to be intentional violation of the conditions of consent.
14. The industry shall provide terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking Samples.
15. The industry shall for the purpose of measuring and recording the quantity of water consumed and effluent discharged, affix meters of such standards and at such places as approved by the Environmental Engineer,Punjab Pollution Control Board of the concerned Regional Office.
16. The industry shall maintain record regarding the operation of effluent treatment plant i.e. record of quantity of chemicals and energy utilized for treatment and sludge generated from treatment so as to satisfy the Board regarding regular and proper operation of pollution control equipment.

17. The industry shall provide online monitoring equipment for the parameters as decided by concerned Regional Office with the effluent treatment plant/air pollution control devices installed, if applicable.
18. The pollution control devices shall be interlocked with the manufacturing process of the industry.
19. The authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board
20. The industry shall comply with the conditions imposed by the SEIAA / MOEF in the environmental clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
21. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991
22. The industry shall not use any unauthorized out-let(s) for discharging effluents from its premises. All unauthorized outlets, if any, shall be connected to the authorized outlet within one month from the date of issue of this consent.
23. The industry shall make necessary arrangements for the monitoring of effluent being discharged by the industry and shall monitor its effluents:-
 - (i) Once in Year for Small Scale Industries
 - (ii) Four in a Year for Large/Medium Scale Industries
 - (iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month
24. The industry shall provide electromagnetic flow meters at the source of water supply, at inlet/outlet of effluent treatment plant within one month and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th of the following month.
25. The Board reserves the right to revoke this consent at any time in case the industry is found violating any of the conditions of this consent and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 as amended from time to time.
26. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
27. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse
28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.
29. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of septic tank.
30. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.
 - (i) Where unavoidable to prevent loss of life or some property damage or
 - (ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
31. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises

32. The industry shall comply with the code of practice as notified by the Government/ Board for the type of industries where the siting guidelines/ code of practice have been notified
33. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner to prevent any pollutants from such materials from entering into natural water.
34. The industry shall re-circulate the entire cooling water and shall also re-circulate/reuse to the maximum extent the treated effluent in processes
35. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of re-circulation system/ effluent treatment plant.
36. The industry shall make proper disposal of the effluent so as to ensure that no stagnation occurs inside and outside the industrial premises during rainy season and no demand period
37. Where excessive storm water drainage or run off, would damage facilities necessary for compliance with terms and conditions of this consent, the applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
38. The industry shall submit a detailed plan showing therein the distribution system for conveying waste-water for application on land for irrigation along with the crop pattern for the year.
39. The industry shall ensure that the effluent discharged by it is toxicity free
40. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
41. Drains causing oil & grease contamination shall will be segregated. Oil & grease trap shall be provided to recover oil & grease from the effluent.
42. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, and the monitoring shall be submitted to the Environmental Engineer of the concerned Regional Office by the 5th of every month.
43. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the consent and shall not carry out any expansion without the prior permission/NOC of the Board.


Senior Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

B. SPECIAL CONDITIONS

1. This consent to operate is granted for the production of Writing and Printing Paper @ 540 Metric Tonnes/Day, Captive @ 28 Megawatt, Co-Generation Power @ 10 Megawatt, Agro Pulp @ 165 Metric Tonnes/Day, Hardwood Pulp @ 200 Metric Tonnes/Day, Conventional Chemical Recovery (CRP) for Black Liquor to White Liquor Recovery @ 580 Metric Tonnes/Day, only.
2. The industry shall comply conditions of Environmental Clearance granted to the industry dated 14.06.2017.
3. The industry shall also comply with conditions of No Increase in Pollution Load issued to it vide letter no. 1036-39 dated 12.03.2025 by the Board.
4. The industry shall regularly operate & maintain its Effluent Treatment Plant (ETP) and only treated effluent shall be discharged onto land for plantation conforming to the effluent standards prescribed by the Board for such discharges. Further, the industry shall maintain proper record regarding the operation of its Effluent Treatment Plant (ETP) at all times and make it available to the officer of the Board during the conduct of visit.
5. The treated wastewater is used only for onto land for plantation and irrigation purpose by following the Comprehensive Irrigation Management Plan (IMP) to be prepared as per CPCBs "Guidelines for Utilization of Treated Effluent in Irrigation".
6. The industry will maintain the plantation area inside the premises.
7. The record of the ETP sludge used for making in-house paper board and for selling to authorized board manufacturing units to be maintained. The same to be used only after obtaining and as per authorization granted by the Board.
8. Entire Black Liquor Solids will be distributed into all three process namely Conventional Chemical Recovery (CRP) for white liquor recovery, Soda Ash Recovery and Lignin Recovery.
9. The industry shall dispose of all the hazardous waste as per the Hazardous & other Wastes (Management & Transboundary Movement) Rules, 2016 & Guidelines of CPCB after obtaining authorization from PPCB.
10. The industry shall ensure that no wastewater from its industrial premises / plantation area or otherwise find its way into storm water drain(s)/ public sewer(s), directly or indirectly under any circumstances.
11. The industry will stick to the production capacity viz-a-viz discharge mentioned in this consent and will not increase the same without the prior written permission of the Board.
12. The project proponent shall not discharge any effluent at any unauthorized place by any unauthorized means i.e. shall not discharge any wastewater in any drain / inland surface waters / drain/choe/nallah/ onto land for stagnation or outside its premises, at any time, under any circumstances.
13. The industry shall comply with the guidelines issued by the Punjab Water Regulation and Development Authority (PWRDA) for the abstraction of ground water.
14. The industry shall recycle the entire quantity of cooling water (if any).
15. The industry shall not make any expansion without prior permission of the Board.
16. The industry shall not throw, burn or bury any solid wastes in open, outside premises or in drain / water bodies.
17. The industry shall promote use of alternatives of single use plastics (SUP) and awareness to discourage use of plastic, through their Corporate Environment Responsibility (CER) activities.
18. The industry shall ensure that there are no usages of single use plastic- thermocol disposable items such as water bottles / water pouches/water cups, plates, forks, spoons, straw etc. and single use decorating material made of plastic-thermocol or any other non-biodegradable material in the premises.
19. The industry shall comply with the provisions of Noise Pollution (Regulation & Control) Rules, 2000.
20. The industry shall comply with the provisions of Solid Waste Management Rules, 2016.
21. The adequacy/ efficacy of the pollution control arrangements shall be the sole responsibility of the

industry and the industry shall be bound to implement/ upgrade its pollution control arrangements as per the discretion of the Board to achieve the prescribed emission/ effluent standards, as amended from time to time.

22. The industry shall ensure that the activities of unit does not create any nuisance in the surrounding areas and no public complaints are received.

23. The Consent is being issued to the industry based upon the documents/ information submitted by it along with the online application form. The Board would be at liberty to take penal action against the industry and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time.

24. In case the industry fails to comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and/or any other environmental law applicable to the project and Rules, Circulars & Directions issued by the Board from time to time, action as deemed fit shall be taken against the industry.

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Senior Environmental Engineer (PBIP)
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Chief Environmental Engineer (PBIP)