



Office Dispatch No.: PBIP/PPCB/2025/3882

Date: 12/08/2025

To

**PUSHPINDER SINGH MAMIK
HOUSE NO 5572 SECTOR 38 WEST CHANDIGARH
CHANDIGARH, NULL - 160014**

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.

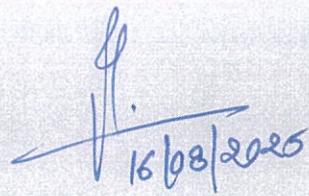
1. Particulars of Consent to Operate under Water Act,1974 granted to the Industry:

PIN	220683465
Application No.:	2507532110
Date of Issue:	12-Aug-2025
Date of Expiry:	31-Mar-2027
Certificate Type:	Varied
Certificate No:	CTOW/Varied/PBIP/SGR/2025/2507532110

2. Particulars of the Industry:

Name & Designation of the Applicant:	Pushpinder Singh Mamik, (Director)
Name of Business Entity	Harp Chemicals Pvt Ltd
Name of the Project/Unit:	Harp Chemicals Private Limited
Address of Project/Unit:	Village Jahangir, Tehsil Dhuri, Distt. Sangrur , Dhuri , Sangrur
Capital Investment of the Industry(in lakhs):	6864.25
Category of Industry:	Red
Type of Industry:	1060 - Distillery (molasses / grain / yeast based)
Scale of the Industry:	Medium - > Rs. 25 Crore but < = Rs.125 Crore
Office District:	Sangrur
Consent Fee Details:	Rs. 2,88,000/- vide R. No. 933975992 dated 29.01.2025
Raw Materials (Name with quantity per day):	Grains @ 350 Metric Tonnes/Day
Products (Name with quantity per day):	Ethanol @ 160 Killo Liters/Day

By Products, if any (Name with quantity per day) :	DDGS (Dried Distillers Grains) @ 80 Metric Tonnes/Day, Carbon Di-Oxide (CO2) @ 45 Metric Tonnes/Day
Details of the machinery and processes:	As per application form
Details of Effluent Treatment Plant:	Trade Effluent @ 690 KLD - Treated in CPU (Condensate Polishing Unit) based ETP of capacity 1000 M3/day, Domestic Effluent @ 30 KLD - Treated in STP of capacity 35 KLD
Mode of disposal of Effluent:	The plant will be based on Zero Liquid discharge system and no effluent/treated water will be discharged outside factory premises. Only treated Domestic Effluent shall be utilized for irrigation of green belt to be developed in about 6,0 Acres of land area within the premises of the unit.
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



16/08/2025

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-II, Patiala.
2. Environmental Engineer, Regional Office, Sangrur.

- 80 -

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.

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

B. SPECIAL CONDITIONS

1. This consent to operate has been granted for of Ethanol @ 160 KLD (main product) & DDGs (Dried Distillers Grains) @ 80 MTD & Carbon Di-Oxide @ 45 MTD (by products) by using Grains @ 350 MTD as raw material, only.
2. The industry shall only manufacture the products and limit their quantities, for which it has been granted consent to operate from the Board. It shall not manufacture any other product without the prior written permission of the Board/ Competent Authority.
3. The industry will comply with the conditions of the environmental clearance granted by Ministry of Environment, Forest and Climate Change, Govt. of India vide EC Identification No. EC22A022PB131461 dated 27.12.2022, in true letter & spirit and submit details of CER activities carried out it to the Board within one month.
4. The industry shall comply with all terms & conditions mentioned in the site clearance approved by the SAC vide letter no. I/518531/2023 dated 28.02.2023.
5. The industry shall not carry out any further expansion or modifications in the plant, without obtaining prior written permission from the Board and/ or revised Environment Clearance from the Competent Authority.
6. The industry shall be bound to operate its plant & machinery as per the Zero Liquid Discharge mechanism, in compliance to MoEF&CC notification dated 16/06/2021 and will not discharge any trade effluent under any circumstances.
7. The industry will not exceed the generation of trade effluent of more than 690 KLD in accordance with the water balance submitted by it. Further, the industry shall provide flow meter on the line(s) carrying treated/ Untreated effluent within its premises (such as such as spent lees and spent wash and the pipeline used for recirculation of treated wastewater, spent wash recycle and scrubber water) and maintain proper record regarding the readings of the same, at all times.
8. The industry shall regularly operate & maintain its effluent treatment plant and the treated effluent shall be reused in the process/ utilities in accordance with the Environment Clearance issued to it.
9. The industry shall develop adequate plantation area as well as permanent pipeline network for uniform distribution of wastewater in the entire plantation area (after treatment from STP), so that no stagnation of wastewater occurs inside, outside or in the plantation area at any time.
10. The industry shall adopt water conservation methods to reduce consumption of fresh water in process and in turn minimize the wastewater generation.
11. The industry shall not discharge any trade & domestic effluent (treated or untreated) into choe / drain /river or inland surface water at any time or any other unauthorized place by any unauthorized means and shall reuse the treated effluent in the process in accordance with the water balance submitted by it. Further, the industry shall stick to the water balance submitted by it.
12. The industry shall carry out agreement with authorized facilities of the Board for disposal of the hazardous waste generated from the premises.
13. The industry shall ensure that due to operation of the unit at the site, no nuisance for general public is created at any time and no public complaints are received.
14. 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.
15. The industry shall comply with the provisions of Solid Waste Management Rules, 2016.
16. The industry shall obtain the authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
17. The establishment shall obtain all the statuary approvals/clearances from the concerned departments.
18. The project proponent shall make use of alternatives of single use plastics (SUP) within its premises and will not use any SUP items banned in accordance with MoEF&CC notification no. G.S.R. 571(E)

dated 12.08.2021.

19. The Punjab Pollution Control Board shall have the liberty to revoke this consent & take penal action against the industry/project proponent and its responsible/ concerned person(s), in case any information/document provided by the industry/ project proponent is found incorrect/false/misleading at any point of time.

20. In case the project proponent 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 project proponent.

21. The Punjab Pollution Control Board shall not be responsible for any financial liability and/ or any other liability of the project proponent, due to grant of this Consent to Operate.

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