



**PUNJAB POLLUTION CONTROL BOARD**  
Zonal Office-II, Vatavaran Bhawan, Nabha Road, Patiala - 147001.  
Website:- www.ppcb.gov.in

Office Dispatch No : \_\_\_\_\_ Registered/Speed Post \_\_\_\_\_ Date: \_\_\_\_\_  
Industry Registration ID: R12PTA73369 Application No : 19122209

To,  
**Sudhir Goyal**  
Madhav Krg Limited,village Akalgarh,amloh Bhadson Road,near Toll Plaza  
Fatehgarhsahib,Fatehgarhsahib-147203

Subject: **Renewal of '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 Renewal of '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.

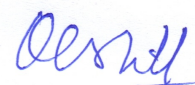
**1. Particulars of Consent to Operate under Water Act, 1974 granted to the industry**

Consent to Operate Certificate No.	CTOW/Renewal/FGS/2022/19122209
Date of issue :	17/10/2022
Date of expiry :	31/03/2024
Certificate Type :	Renewal
Previous CTO No. & Validity :	CTOW/Renewal/FGS/2021/16258293 From:10/12/2021 To:30/06/2022

**2. Particulars of the Industry**

Name & Designation of the Applicant	Sudhir Goyal, (Director)
Address of Industrial premises	Madhav Krg Limited, Vill. Akalgarh, Amloh Bhadson Road,near Toll Plaza, Amloh,Fatehgarh Sahib-147203
Capital Investment of the Industry	26798.04 lakhs
Category of Industry	Red
Type of Industry	1044-Industry or process involving metal surface treatment or process such as pickling/electroplating/paint stripping/heat treatment using cyanide bath/ phosphating or finishing and anodizing / enamellings/ galvanizing
Scale of the Industry	Large
Office District	Fatehgarh Sahib
Consent Fee Details	Rs. 12,57,485/- vide no. 646296975 dated 08/07/2021.
Raw Materials(Name with quantity per day)	MS SCRAP @ 1206 MTD, DRI @ 193.41 MTD, Ferro Alloys & Sponge Iron @ 13.71 MTD, NACL @ 0.29 MTD, HCL @ 8000 Liter/day, HR COIL @ 120000 MT/Year, MS TMT @ 30000 MT/Year and ZINC @ 2 MTD.

<b>Products (Name with quantity per day)</b>	<i>MS Billet @ 450000 MT/Year, TMT Bars/Wire Rod/ MS Round @ 420000 MT/Year, ERW and MS BLACK PIPE/GALVANIZING PIPE @ 120000 MT/Year, GALVANIZED TMT and REBARS @ 30000 MT/Year.</i>
<b>By-Products, if any,(Name with quantity per day)</b>	<i>Nil.</i>
<b>Details of the machinery and processes</b>	<i>As per details given in application form no. 19122209  TMT Unit : Raw Material Furnace Loading Melting Tapping Refining High Speed Casting Rolling.  Pipe Unit: Raw Material Slitting Looping Forming Welding Sizing &amp; Cutting Bundling Dispatch.  Continuous galvanizing Rebars : Arrival of Rebar- Degreasing- Pickling Rinsing- Fluxing- Preheater- Galvanizing Quenching Dryer- Bundling/ Packaging Section- Dispatch.</i>
<b>Details of the Effluent Treatment Plant</b>	<i>The industry has installed ETP 150 KLD based on Physico Chemical treatment followed by double stage RO plant and components of the ETP consists of Bar Screen Chamber, Oil &amp; Grease trap, collection tank, coagulation &amp; flocculation, Tube settler, Passive Sand filter, activated Carbon filter, ultra filtration, Double stage Reverse osmosis for the treatment of Trade Effluent @ 145 KLD.  The industry has installed STP of capacity 150 KLD to treat Domestic waste water qty 44 KLD. After treatment with RO, 22 KLD treated water reutilized as process water and RO reject utilize onto land for plantation.</i>
<b>Mode of Disposal</b>	<i>Trade Effluent @ 145.0 KLD : After treatment with UF &amp; RO 123 KLD treated water reutilized as process water and 22 KLD RO reject utilized onto land for plantation purposes.  Domestic Effluent @ 44.0 KLD : After treatment with RO, 22 KLD treated water reutilized as process water and RO reject utilized onto land for plantation.</i>
<b>Standards to be achieved under Water(Prevention &amp; Control of Pollution) Act, 1974</b>	<i>As per effluent standards prescribed by the Board/ MoEF&amp;CC as amended from time to time.</i>



17/10/2022

**(Om Parkash)**  
**Environmental Engineer**

*For & on behalf*

*of*

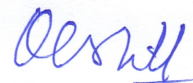
**(Punjab Pollution Control Board)**

**Endst. No.:**

**Dated:**

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

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, Fatehgarh Sahib. She is requested to ensure the compliance of the consent conditions and submit the report accordingly.



17/10/2022

**(Om Parkash)**  
**Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**



## TERMS AND CONDITIONS

### 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<sup>1/2</sup>s 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.

**B. SPECIAL CONDITIONS**

1. The industry shall develop Green belt over an area equivalent to 33% of the plant area in accordance with CPCB guidelines within 2 months' time period.
2. The industry will obtain necessary amendment in the EC conditions w.r.t. addition of the area to achieve minimum 33% area under Green Belt from SEIAA, Punjab within three months.
3. The industry shall make the existing piezowell near STP operational and provide additional piezowell near the ETP for ground water monitoring in consultation with Regional Office, FGS.
4. The industry shall provided rotary valves below the APCDs alongwith conveyer system to collect hazardous waste.
5. The industry shall comply with the guidelines/SOPs provided by PSCST, Chandigarh in the effective operation of APCD.
6. The industry shall comply with all the conditions of environmental clearance granted to it in true letter & spirit.
7. The industry shall comply with guidelines of PWRDA.
8. The industry will send its spent acid (HCL) generated from pickling/ galvanizing section qty 2 lakh ltr/ month to CETP Chanalon and will not send to unauthorized agency at any time.



*(Handwritten signature)*

17/10/2022

**(Om Parkash)  
Environmental Engineer**

*For & on behalf  
of*

**(Punjab Pollution Control Board)**