



# PUNJAB POLLUTION CONTROL BOARD

Zonal Office-1, E-648-B, Focal Point, Phase-5, Ludhiana

Website:- www.ppcb.gov.in



Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID: R12LDH144304

Application No : 22241166

To,

Sachit Jain  
C-58, Focal Point, Phase-iii  
Ludhiana, Ludhiana-141010

Subject: Renewal of consent to operate granted under the Water (Prevention & Control of Pollution) Act, 1974.

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

Consent to Operate Certificate No.	CTOW/Renewal/LDH1/2023/22241166
Date of issue :	10/08/2023
Date of expiry :	30/06/2024
Certificate Type :	Renewal
Previous CTO No. & Validity :	CTOW/Varied/LDH1/2022/18926850 From:21/07/2022 To:20/07/2023

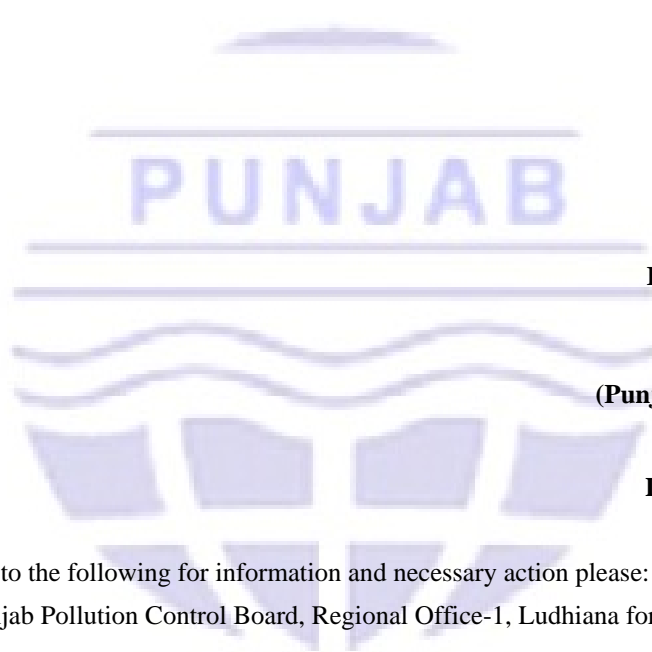
## 2. Particulars of the Industry

Name & Designation of the Applicant	R K Rewari, (Executive Director)
Address of Industrial premises	Vardhman Special Steels Ltd, C-58, Industrial Focal Point, Phase-iii, Ludhiana East, Ludhiana I-141010
Capital Investment of the Industry	52096.58 lakhs
Category of Industry	Red
Type of Industry	Ferrous and Non-ferrous Metal Extraction, Refining, Melting, Smelting ..... alloy making process etc
Scale of the Industry	Large
Office District	Ludhiana I

**SPECIAL CONDITIONS:**

- (i) Project proponent (PP) may also develop the vermicomposting/composting to manage the biodegradable solid waste. PP shall not throw, burn or bury any solid wastes in open, outside premises or in drain / water bodies.
- (ii) PP shall perform / promote its Corporate Environment Responsibility (CER) activities as well as use of alternatives of single use plastics (SUP) and awareness to discourage use of plastic (See attached banner/circular).
- (iii) PP 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.
- (iv) The project proponent shall properly handle and manage the solid wastages as per the provisions of the Municipal Solid Waste Rules 2016 and ensure that the solid waste is segregated & disposed of in an environmentally sound manner.
- (v) PP shall carry out awareness and activities for the themes / action points identified under Mission LiFE (Lifestyle for the Environment) by Ministry of Environment, Forests and Climate Change given at the website (<http://missionlife-moefcc.nic.in>).

All the other contents and conditions of consent will remain same as mentioned in consent no. CTOW/Varied/LDH1/2022/18926850 dated 21.07.2022 valid upto 20.07.2023 granted under the Water (Prevention & Control of Pollution) Act, 1974.



10/08/2023

**(Pardeep Balu)**  
**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-1, Ludhiana for information and necessary action.

10/08/2023

**(Pardeep Balu)**  
**Environmental Engineer**

*For & on behalf*  
*of*

**(Punjab Pollution Control Board)**

**Indicative list for activities to be considered for various Environment Care Programmes, social activities in the field of environment and eco-restoration of damages happened due to environmental violations including the activities to be carried out for utilizing environment compensation received from various stakeholders including industries.**

It has been observed that the NGOs, Board, other Govt. organizations, education institutions, industries and other project proponents are carrying out various social activities for the abatement and control of pollution. PPCB is also funding various activities for betterment of environment. However, there is need for listing specified social activities to be carried out by various stakeholders. A draft list of such activities has been drawn with the inputs provided by the various stakeholders. However, a wider consultation is required before finalizing this list. The proposed activities to be included are as follows:

- a) Development of mini forests (Nanak Bagichi), urban forests, green belts, biodiversity parks etc., raising of avenue plantations and plantations in public/community areas/ educational institutions/Govt. buildings/banks of rivers/cantonment areas or any other land made available by the Govt. agencies and other institutions.
- b) Cleaning and rejuvenation of village ponds, water bodies, wetlands, storm drains etc. (treatment of village sewer pond using PPCB and other approved scientific models)

For rejuvenation of Ponds:

<https://ppcb.punjab.gov.in/sites/default/files/documents/Action-Plan-for-Rejuvenation-of-Ponds-31.03.20.pdf>

Guidelines for restoration of Water Bodies

<https://ppcb.punjab.gov.in/sites/default/files/documents/Indicative%20Guidelines%20for%20Restoration%20of%20Water%20Bodies%20by%20CPCB.pdf>

Technical Committee Report

<https://ppcb.punjab.gov.in/sites/default/files/documents/Report%20of%20Technical%20Committee%20For%20Treatment%20of%20Wastewater%20of%20Village%20Pond.pdf>

- c) Development of infrastructure
- for utilization of treated effluent of STPs (double plumbing, construction work roadside sprinkling and
  - for reuse of STP/ETP sludge as farm yard manure (FYM) or 'other activities approved by CPCB/PPCB/MoEF&CC.
  - for replacing soakage pits and/or providing septic tanks in Govt. education institutions and other Govt. buildings/projects.
- d) Provision of solar panels/lights and other energy saving electric devices/equipment's including LED bulbs etc. in the Government/Municipal/other public schools, hospitals and dispensaries etc. or in other public buildings.
- e) Provision of Roof top rainwater harvesting (RWH) and other water conservations activities in the Government/ Municipal/ other public schools, hospitals and dispensaries etc. or in other public buildings.

- f) Solid waste management including composting/vermi-composting, Indian authorized approaches of reuse, recycle, Material Recovery Facility (MRF) to reach zero waste condition.
- g) Development and establishment for alternatives to single use plastic (SUP), and plastic carry bags.
- h) Other activities relating to amelioration of air, water & soil pollution as prescribed in the applicable District Environment Plan (DEP) <https://decc.punjab.gov.in/>
- i) Need based environmental activities as proposed by the project proponent/their accredited consultants for the amelioration of air, water & soil pollution on the basis of site specific field surveys of the project and nearby areas and approved by SEIAA/SEAC/PPCB.
- j) Preparation of Peoples Biodiversity Register (PBR) at all levels (District, block & village), conservation of biodiversity heritage sites (BHS) of Punjab, Eco zones Hotspots, bird sanctuaries.
- k) Environmental awareness activities/celebrations/programmes, preparation and distribution of resource material for abatement and control of pollution and restoration of environment of Punjab and approved by SEIAA/SEAC/PPCB/academic experts.
- l) Dust suppression by use of vacuum cleaners, sprinklers, fountains, misting machines/vehicles/artificial rain etc.
- m) Scientific and environmentally sound management or recovery facilities of e-waste, C&D waste, plastic waste, toxic/hazardous waste, bio-medical waste, industrial wastes, dairy/Gaushala waste.
- n) Promotion and development of eco-tourism areas/activities, green buildings, agriculture diversity, organic/natural farming/herbal/medicinal/botanical gardens, electric vehicles, cleaner fuels, biodegradable materials.
- o) Control and In-situ/Ex-situ management of stubble burning (Parali) in Punjab.
- p) Clean and innovative technologies for reduction of water, air and solid waste pollutants and reuse, recycling of resource materials.

A draft of above activities shall be circulated for inviting comments/suggestions of all concerned.

# Say No!



## TO SINGLE-USE PLASTIC (SUP)

Following items prohibited w.e.f. 01.07.2022

- (a) Ear buds with plastic sticks, plastic sticks for balloons, plastic flags, candy sticks, ice-cream sticks, polystyrene (Thermocol) for decoration;
- (b) Plates, cups, glasses, cutlery such as forks, spoons, knives, straw, trays wrapping or packing films around sweet boxes, invitation cards and cigarette packets, plastic or PVC banners less than 100 micron, stirrers;

Department of Local Government, Punjab vide notification dated 18.02.2016, already has completely prohibited to manufacture, stock, distribute, recycle, sell or use of plastic carry bags in the jurisdiction of all the Municipal Corporations, Municipal Councils and Nagar Panchayats in the State of Punjab, with effect from the 1st April, 2016.



Plastic/Thermocol (Polystyrene) is **non-biodegradable** for hundred of years, only a tiny percentage is recycled.



Plastic containers leache toxins like **bisphenol-A (BPA)**, **Dioxins**, **thallates**, **Microplastics** into food and drink, which enter our bodies and then cause hormone disruption, cancers, infertility, neurological disorders etc.



Plastic products/bottles also **pollute our oceans**, kill marine animals, birds, cattles etc. Some animals intake plastic bags alongwith food.



**Choking** of sewers, drains, water bodies is also due to plastic blockages. Mixing of plastic with solid waste as well as open **dumping and burning** of such waste releases toxic gases and thus enhancing air pollution.

### Alternates of Single Use Plastic



Use Cloth/Jute bags



Use steel/Glass/ Ceramic Utensils



Use Bio-degradable material



Use cutlery made of leaf/bamboo etc



## PUNJAB POLLUTION CONTROL BOARD

Vatavaran Bhawan, Nabha Road, Patiala

Phone : 0175-2227925, 2200557 Fax : 0175-2215636

# Mission LiFE

*A Way of Living based on Indian Environmental Traditions and Conservation Practices*

## Energy Saved

1. Switch off vehicle engines at red lights and railway crossings.
2. Use LED bulbs/ tube-lights.
3. Use public transport wherever possible.
4. Use smart switches for appliances that are used frequently.
5. Switch off irrigation pumps after use.
6. Use bicycles for local or short commute.
7. Install community earthen pots for cooling water.
8. Use bio gas for cooking and electricity needs.
9. Prefer CNG/ EV vehicle over petrol/ diesel vehicles.
10. Switch off appliances from plug points when not in use.
11. Install a solar water or solar cooker heater on rooftops.
12. Keep temperature of air conditioners to 24 degrees.
13. Prefer pressure cookers over other cookware.
14. Defrost fridge or freezer regularly.
15. Take the stairs instead of an elevator wherever possible.
16. Run outdoors instead of on a treadmill.
17. Use carpooling with friends and colleagues.
18. Keep your electronic devices in energy-saving mode.
19. Drive in the correct gear. Keep your foot off the clutch when not changing gears.

## Say No to Single Use Plastic

1. Use recycled plastic over virgin plastic, wherever possible.
2. Use menstrual cups instead of sanitary napkins.
3. Cut the packaging bags used for milk, buttermilk, etc., only partially to avoid plastic bits from mixing into biodegradable waste.
4. Use cloth bag for shopping instead of plastic bags
5. Use steel/ recyclable plastic lunch boxes and water bottles
6. Carry your own non-plastic water bottle wherever possible
7. Reuse glass containers / packaging plastic items as storage boxes
8. Opt for bamboo toothbrushes and neem combs
9. Participate in and mobilize participation for clean-up drives of cities and water bodies.
10. Prefer non-plastic eco-friendly cutlery during gatherings and events

## Water Saved

1. Invest in a water metre for your house to measure water consumption regularly.
2. Use efficient water-saving technologies (like micro-irrigation, bunding, laser levelling, farm ponds, zero tillage, direct seeded rice, alternate wetting and drying and others).
3. Practice crop diversification.
4. Prefer cultivation of less water-intensive crops like millets.
5. Participate in recharge of rural water bodies through the Amrit Sarovar Scheme.
6. Create rainwater-harvesting infrastructure in home/ schools/ offices.
7. Do not discard unused stored water every time The tap water supply resumes.
8. Use buckets instead of hose pipes to water plants/ floors/ vehicles.
9. Fix leaks in flushes, taps and water pipes.
10. Reuse water from washed vegetables and from washing machine to water plants and other purpose.
11. Use drip irrigation systems created with waste materials, wherever possible.
12. Use water-efficient fixtures for taps, showerheads, and toilet flush units.
13. Reuse water drained out from AC/RO for cleaning utensils, watering plants.
14. Pre soak heavy pots and pans before washing them.
15. Prefer a water purification system that wastes less water
16. Turn off running taps when not in active use.

## Waste Reduced (Swachhata Actions)

1. Use agricultural residue, animal waste for composting, manuring and mulching.
2. Recycle and reuse old newspapers, magazines and agricultural byproducts (coconut leaves, bamboo, jute/coir and ash)
3. Feed unused and uncooked vegetables leftovers to cattle.
4. Contribute cattle waste, food waste, and agricultural waste to bio-gas plant provided under GOBARDHAN.
5. Donate old clothes and books.
6. Set printer default to double-side printing.
7. Repair, reuse and recycle old furniture.
8. Buy paper products made from recycled paper.
9. Practice segregation of dry and wet waste at homes.
10. Do not discard waste in water bodies and in public spaces.
11. Do not let pets defecate in the public places

## Sustainable Food Systems Adopted

1. Prefer locally available and seasonal foods.
2. Compost food waste at home.
3. Use smaller plates for daily meals to save food wastage.
4. Create kitchen gardens/ terrace gardens at homes/ schools/ offices.
5. Include millets and nutriceals in diets.
6. Prepare organic manure from cow dungs and apply to farms.

## E-waste Reduced

1. Repair and use electronic devices over discarding the devices.
2. Discard gadgets in nearest e-recycling units.
3. Use rechargeable lithium cells.
4. Prefer cloud storage over a pen drive / hard drive.

## Healthy Lifestyles Adopted

1. Encourage use of indigenous herbs and medicinal plants.
2. Plant medicinal plants such as neem, tulsi, giloy, mint, curry leaves, ashwagandha, curry leaves, etc., within household premises.
3. Practice natural or organic farming.
4. Initiate and/or join green clubs in your residential area/ school/ office.
5. Create and volunteer at community food and cloth banks, and at animal shelters.
6. Avoid purchasing products/souvenirs made from skin, tuskers and fur of wild animals.
7. Prefer consuming natural or organic products.
8. Plant trees to reduce the impact of pollution.
9. Start biodiversity conservation at community level.

