

## Categorization of Industrial sectors under Red as per CPCB Criteria

CPCB Sl.No.	Red Category
1.	Isolated storage of Hazardous Chemicals (as per schedule of manufacturing, storage of Hazardous Chemicals Rules, 1989 as amended)
2.	Automobile Manufacturing (integrated facilities)
3.	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule IV of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016- Items namely - Spent cleared metal catalyst containing copper, Spent cleared metal catalyst containing zinc.
4.	Manufacturing of lubricating oils, grease and petroleum based products
5.	DG Set of capacity > 5 MVA
6.	Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black
7.	Lead acid battery manufacturing (excluding assembling and charging of lead-acid battery in micro scale)
8.	Phosphate rock processing plant
9.	Power generation plant [except Wind and Solar renewable power plants of all capacities and Mini Hydel Power Plant of capacity <25MW)
10.	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule IV of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016- Items namely - Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt.
11.	Processes involving chlorinated hydrocarbons
12.	Sugar ( Excluding Khandsari)
13.	Fibre glass production and processing (excluding moulding)
14.	Fire crackers manufacturing and bulk storage facilities
15.	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule IV of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016- Items namely - Dismantlers Recycling Plants --Components of waste electrical and electronic assembles comprising accumulators and other batteries included on list A, mercury-switches, activated glass cullets from cathode-ray tubes and other activated glass and PCB-capacitors, or any other component contaminated with Schedule 2 constituents (e.g. cadmium, mercury, lead, polychlorinated biphenyl) to an extent that they exhibit hazard characteristics indicated in part C of this Schedule.
16.	Milk processes and dairy products (integrated project)
17.	Phosphorous and its compounds
18.	Pulp & Paper ( waste paper based without bleaching process to manufacture Kraft paper)
19.	Coke making, liquification, coal tar distillation or fuel gas making.

20.	Manufacturing of explosives, detonators, fuses including management and handling activities
21.	Manufacturing of paints varnishes, pigments and intermediate (excluding blending/mixing)
22.	Organic Chemicals Manufacturing
23.	Airports and Commercial Air Strips
24.	Asbestos & asbestos based industries
25.	Basic chemicals and electro chemicals and its derivatives including manufacturing of acid.
26.	Cement
27.	Chlorates, per-chlorates & peroxides
28.	Chlorine, fluorine, bromine, iodine and their compounds
29.	Dyes and Dye- Intermediates
30.	Health-care Establishment (as defined in BMW Rules, 2016) having total wastewater generation more than 100 KLD or with incinerator.
31.	Hotels having overall waste-water generation @ 100 KLD and more.
32.	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule IV of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016- Items namely - Lead acid battery plates and other lead scrap/ashes/residues not covered under Batteries (Management and Handling) Rules, 2001. [ * Battery scrap, namely: Lead battery plates covered by ISRI, Code word "Rails" Battery lugs covered by ISRI, Code word "Rakes". Scrap drained/dry while intact, lead batteries covered by ISRI, Code word "Rains".
33.	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule IV of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016- Items namely - Integrated Recycling Plants -- Components of waste electrical and electronic assemblies comprising accumulators and other batteries included on list A, mercury-switches, activated glass cullets from cathode-ray tubes and other activated glass and PCB-capacitors, or any other component contaminated with Schedule 2 constituents (e.g. cadmium, mercury, lead, polychlorinated biphenyl) to an extent that they exhibit hazard characteristics indicated in part C of this Schedule.
34.	Manufacturing of Glue and Gelatin
35.	Mining and ore beneficiation
36.	Nuclear power plant
37.	Pesticides (technical) (excluding formulation)
38.	Photographic film and its chemicals
39.	Railway locomotive work shop/Integrated road transport workshop / Authorized service centers
40.	Yarn / Textile processing involving any effluent/emission generating processes including bleaching, dyeing, printing and colouring.

41.	Chlor Alkali
42.	Ship Breaking Industries
43.	Oil and gas extraction including CBM (offshore & on-shore extraction through drilling wells)
44.	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
45.	Tanneries
46.	Ports and harbour, jetties and dredging operations
47.	Synthetic fibers including rayon ,tyre cord, polyester filament yarn
48.	Thermal Power Plants
49.	Slaughter house (as per notification S.O.270(E)dated 26.03.2001)and meat processing industries, bone mill, processing of animal horn, hoofs and other body parts
50.	Aluminium Smelter
51.	Copper Smelter
52.	Fertilizer (basic) (excluding formulation)
53.	Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units.
54.	Pulp & Paper ( waste paper based units with bleaching process to manufacture writing & printing paper)
55.	Zinc Smelter
56.	Oil Refinery (Mineral Oil or Petro Refineries)
57.	Petrochemicals Manufacturing (including processing of Emulsions of oil and water )
58.	Pharmaceuticals
59.	Pulp & Paper ( Large-Agro + wood), Small Pulp & Paper ( agro based-wheat straw/rice husk)
60.	Distillery (Molasses/ Grain / Yeast Based)
61.	Others (State Specific List)

## State Specific List

Sl.No.	Red Category
<b>61 (i)</b>	Automobile servicing, repairing and painting (excluding only fuel dispensing) having wastewater generation 100 KLD or more.
<b>61 (ii)</b>	Building and construction project $\geq$ 20,000 sq.m to $\leq$ 1,50,000 Sqm of built up area. (Wastewater discharge > 100 KLD)
<b>61 (iii)</b>	Ceramics and Refractories (More than 12 Tons / day coal consumption)
<b>61 (iv)</b>	Common Effluent Treatment Plant (CETP)/ Common Sewage Treatment Plant
<b>61 (v)</b>	Common Hazardous Waste Treatment, Storage, Disposal facility (CHWTSDF)
<b>61 (vi)</b>	Common Solid Waste Management facility (CSWMF) as per Solid Waste Management Rules, 2016.
<b>61 (vii)</b>	Fermentation industry including manufacture of Yeast, Beer, Distillation of Alcohol extra Neutral Alcohol having wastewater discharge more than 100 KLD
<b>61 (viii)</b>	Ferrous / Non-ferrous metal extraction ((i) more than 1 Metric ton / hour secondary production, (ii) lead secondary production, (iii) Induction furnace followed with AOD
<b>61 (ix)</b>	Foundries with production capacity more than 5T/hour and more, coal/coke consumption more than 500 kg/hr,
<b>61 (x)</b>	Gold and silver smithy -purification with acid smelting operation and sulphuric acid polishing operation having more than 1 liter of sulphuric acid / nitric acid per month.
<b>61 (xi)</b>	Hydro Cyanide acid and its derivatives
<b>61 (xii)</b>	Industrial Estates/ Parks /Complexes/ Areas, Export Processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks
<b>61 (xiii)</b>	Industrial or inorganics gases namely (a) chemical gases like acetylene, hydrogen, chlorine, flourine, ammonia, sluphur dioxide, ethylene, hydrogen sulphide, phosphine, (b) hydrocarbon gases like methane, butane, ethane, propane.
<b>61 (xiv)</b>	Insecticides / fungicides / herbicides / agrochemical fomulation.
<b>61 (xv)</b>	Laboratory chemicals involving distillation and purification process.
<b>61 (xvi)</b>	Lead manufacturing including smelting
<b>61 (xvii)</b>	Manufacturing of lead glass

<b>61 (xviii)</b>	Non-alcoholic beverages (soft drink) & bottling of alcohol / non-alcoholic products, where wastewater generation is more than 100 KLD.
<b>61 (xix)</b>	Parboiled Rice Mills having wastewater more than 100 KLD and/or Fuel consumption more than 12 T/Day.
<b>61 (xx)</b>	Petroleum products / crude oil storage and transfer excluding cross country pipeline.
<b>61 (xxi)</b>	Synthetic Detergents and soaps (excluding formulation) having wastewater generation more than 100 KLD
<b>61 (xxii)</b>	Township and area development projects covering an area more than or equal to 50 Ha. Or built up area more than or equal to 1.5 lakh sq.m.
<b>61 (xxiii)</b>	Vegetable oil manufacturing including solvent extraction and refinery / hydrogenated oils having wastewater generation more than 100 KLD.
<b>61 (xxiv)</b>	Water softening and demineralized plant
<b>61 (xxv)</b>	Calcined Petroleum Coke
<b>61 (xxvi)</b>	Pyrolysis Process
<b>61 (xxvii)</b>	Aluminium Ingot from Aluminium Dross
<b>61 (xxviii)</b>	Common Biomedical Waste treatment and disposal facility
<b>61 (xxix)</b>	Sanitary Land fill (Standalone) > 5 TPD
<b>61 (xxx)</b>	Packing of Pesticides / Chemicals
<b>61 (xxxii)</b>	Septage Treatment (It should be treated as a part of common STP)
<b>61 (xxxii)</b>	Pharmaceuticals R & D purpose