

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

| CPCB<br>Sl.No. | Red Category   |
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| 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.  |

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| 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.   |

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| 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  |
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| <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   |

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