

Red Category Industries-89 Nos.

Sr. No.	Type code	Industry sector-Types	Reference
1.	1001	Isolated storage of hazardous chemicals (as per schedule of manufacturing, storage of hazardous chemicals rules ,1989 as amended)	
2.	1002	Automobile Manufacturing (integrated facilities) having either one or combination of polluting activities namely washing, metal surface finishing operations, pickling, plating, electroplating, phosphating, painting, heat treatment etc. Heavy Engineering and ship building are merged in this category	3-Red, Annexure
3.	1003	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 - Items namely - Spent cleared metal catalyst containing copper, Spent cleared metal catalyst containing zinc	
4.	1004	Manufacturing of lubricating oils ,grease and petroleum based Products	
5.	1005	DG Set of capacity \geq 5 MVA	
6.	1006	Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black	
7.	1007	Lead acid battery manufacturing (excluding assembling and charging of lead acid battery in micro scale)	
8.	1008	Phosphate rock processing plant	
9.	1009	Power generation plant (except Wind and Solar renewable power plants of all capacities and Mini Hydel power plant of capacity <25MW)	
10.	1010	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 - Items namely - Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	
11.	1011	Processes involving chlorinated hydrocarbons	
12.	1012	Sugar (excluding Khandsari)	
13.	1013	Fibre glass production and processing (excluding moulding) including lead containing glass	
14.	1014	Fire crackers manufacturing and bulk storage facilities	

15.	1015	Industries engaged in recycling /reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM)rules, 2008 - 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.	1016	Milk processes and dairy products(integrated project) (Large & Medium scale)	O-24
17.	1017	Phosphorous and its compounds	
18.	1018	Pulp & Paper (waste paper based without bleaching process to manufacture Kraft paper)	
19.	1019	Coke making , liquefaction, coal tar distillation or fuel gas making	
20.	1020	Manufacturing of explosives, detonators, fuses including management and handling activities	
21.	1021	Manufacturing of paints varnishes, pigments and intermediate (excluding blending/mixing)	
22.	1022	Organic Chemicals manufacturing	
23.	1023	Airports and Commercial Air Strips having waste water generation 100 KLD and above	O-84
24.	1024	Asbestos and asbestos based industries	
25.	1025	Basic chemicals and electro chemicals and its derivatives including manufacturing of acid	
26.	1026	Cement	
27.	1027	Chlorates, per-chlorates & peroxides	
28.	1028	Chlorine, fluorine, bromine, iodine and their compounds	
29.	1029	Dyes and Dye- Intermediates	
30.	1030	Health-care Establishment (as defined in BMW Rules) having incinerator irrespective of waste generation (or) having total waste water generation 100 KLD and above	O-85
31.	1031	Hotels having overall waste water generation @ 100 KLD and more (or) having rooms 100 and above	O-38
32.	1032	Industries engaged in recycling /reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM)	

		rules, 2008 -Items namely -Lead acid battery plates and other lead s crap/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.	1033	Industries engaged in recycling /reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 -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, poly chlorinated biphenyl) to an extent that they exhibit hazard characteristics indicated in part C of this Schedule	
34.	1034	Manufacturing of glue and gelatin	
35.	1035	Mining and ore beneficiation	
36.	1036	Nuclear power plant	
37.	1037	Pesticides (technical) (excluding formulation)	
38.	1038	Photographic film and its chemicals	
39.	1039	Railway locomotive workshop/Integrated road transport workshop/Authorized service centers having waste water generation 100 KLD and above	O-89
40.	1040	Yarn / Textile processing involving any effluent/emission generating processes including bleaching, dyeing, printing and coloring	
41.	1041	Chlor Alkali	
42.	1042	Ship Breaking Industries	
43.	1043	Oil and gas extraction including CBM (offshore & on-shore extraction through drilling wells)	
44.	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	
45.	1045	Tanneries	

46.	1046	Ports and harbour, jetties and dredging operations	
47.	1047	Synthetic fibers including rayon, tyre cord, polyester filament yarn	
48.	1048	Thermal Power Plants	
49.	1049	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.	1050	Aluminum Smelter	
51.	1051	Copper Smelter	
52.	1052	Fertilizer (basic) (excluding formulation)	
53.	1053	Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units	
54.	1054	Pulp & Paper (waste paper based units with bleaching process to manufacture writing & printing paper)	
55.	1055	Zinc Smelter	
56.	1056	Oil Refinery (mineral Oil or Petro Refineries)	
57.	1057	Petrochemicals Manufacturing (including processing of Emulsions of oil and water)	
58.	1058	Pharmaceuticals	
59.	1059	Pulp & Paper (Large-Agro +wood) , Small Pulp &Paper (agro based-wheat straw/rice husk)	
60.	1060	Distillery (molasses / grain / yeast based)	
61.	1061	Synthetic detergents and soaps (excluding formulation) having waste water generation 100 KLD and above.	O-13
62.	1062	Automobile servicing, repairing and painting (excluding only fuel dispensing) having waste water generation 100 KLD and above.	O-18
63.	1063	Building and construction projects more than 20,000 sq. m built up area and having waste water generation 100 KLD and above.	O-21
64.	1064	Ceramics and Refractories having coal/fuel consumption 12 MT/day and more	O-22
65.	1065	Fermentation industry including manufacture of yeast, beer, distillation of alcohol (Extra Neutral Alcohol) having waste water generation 100 KLD and above.	O-27
66.	1066	Ferrous and Non-ferrous metal extraction involving different furnaces through melting, refining, re-	O-28

		processing, casting and alloy making-Secondary production of Ferrous and Non-ferrous metals more than 1 MT/hr production (or) Lead extraction irrespective of capacity (or) metal extraction having Induction Furnace clubbed with AOD furnace.	
67.	1067	Industry or processes involving foundry operations having capacity of 5 MT/hr and more as such units require using coal/coke at more than 500 Kg/hr.	O-42
68.	1068	Manufacturing of glass (Lead glass only)	O-45
69.	1069	Non-alcoholic beverages (soft drink) & bottling of alcohol/nonalcoholic products having waste water generation 100 KLD and above.	O-53
70.	1070	Vegetable oil manufacturing including solvent extraction and refinery /hydrogenated oils having waste water generation 100 KLD and above.	O-71
71.	1071	Parboiled Rice Mills having waste water generation 100 KLD and above (or) fuel consumption 12 MTD and above (or) both	O-79
72.	1072	Common treatment and disposal facilities- TSDF	1R
73.	1073	Common treatment and disposal facilities – E-waste recycling	1R
74.	1074	Common treatment and disposal facilities - CBMWTF	1R
75.	1075	Effluent conveyance projects	1R
76.	1076	Common treatment and disposal facilities-Solvent/acid recovery plant	1R
77.	1077	MSW sanitary land fill site	1R
78.	1078	Common treatment and disposal facilities-CETP for Red category Industries	1R
79.	1079	Industrial estates/ parks / complexes/ areas/ export processing zones/ SEZs/ Biotech parks/ leather complex	5R
80.	1080	Pharmaceutical R & D activities (For sustained release/extended release of drugs only and not for commercial purpose)	O-74
LEFT OUT SECTORS IN THE CPCB CATEGORISATION			
81.	1081	Sewage Treatment Plants	Note- R-1
82.	1082	Pyrolysis Plants	
83.	1083	Tyre, tube & rubber components with boiler	

84.	1084	Analytical & material testing lab	
85.	1085	Industrial inorganic gases namely a) Chemical gases: Acetylene, hydrogen, Chlorine, Flourine, ammonia, Sulphur Dioxide etc. b) Hydro carbon gases: Methane, Ethane, Propane	
86.	1086	Reprocessing of waste oil	
87.	1087	Area/Infrastructure development projects covered under EIA notification	O-2-Annexure & O-91
88.	1088	Sand mining Projects of Category A and B ₁ under EIA notification	O-1-Annexure and O-90
89.	1999	Miscellaneous (Red)	

NOTE: SI. No. 61 to 80 are added to get clarity in CPCB list, and SI. No. 81 to 88 are added based on scoring done by Committee of PPCB.