

LIST OF RED CATEGORY INDUSTRY

S. No.	Industry Sector
1	Airports and Commercial Air Strips having waste water generation 100 KLD and above. {Non-Industrial operation}
2	Aluminium Smelter
3	Area/ Infrastructure development projects covered under EIA notification
4	Asbestos and asbestos based industries
5	Automobile Manufacturing (integrated facilities) i. Such types of plants are having either one or combinations of polluting activities viz. washing, metal surface finishing operations, pickling, plating, electro-plating, phosphating, painting, heat treatment etc. ii. Some of such plants may outsource some /all of the polluting activities. In such cases, after thorough inspection of such units by concerned SPCB, re-categorization of the industry shall be made accordingly.
6	Automobile servicing, repairing and painting (excluding only fuel dispensing) having waste water generation 100 KLD and above.
7	Basic chemicals and electro chemicals and its derivatives including manufacturing of acid
8	Building and construction projects more than 20,000sq.m built up area and having Waste water generation 100 KLD and above.
9	Building and Construction Projects, having built-up area up to 20,000 m ² and waste water generation ≥ 100 KLD
10	Cement
11	Ceramics and Refractories having coal/fuel consumption 12 MT/day and more.
12	Chlor Alkali
13	Chlorates, per-chlorates & peroxides
14	Chlorine, fluorine, bromine, iodine and their compounds
15	Coke making, liquefaction, coal tar distillation or fuel gas making
16	Common treatment and disposal facilities- (TSDF, E-waste recycling, solvent/acid recovery plant, incinerator) {special category project}{Non-Industrial operation}
17	Common treatment and disposal facilities- CBMWTF
18	Common treatment and disposal facilities- CETP for Red category industries {special category project}{Non-Industrial operation}
19	Copper Smelter
20	DG Set of capacity > 5 MVA (including stand alone DG sets)
21	Distillery (molasses / grain / yeast based)
22	Dyes and Dye- Intermediates
23	Effluent conveyance projects
24	Fermentation industry including manufacture of yeast, beer, distillation of alcohol (Extra Neutral Alcohol) having waste water generation 100 KLD and above.
25	Ferrous and Non- ferrous metal extraction involving different furnaces through melting, refining, re-processing, casting and alloy- making- secondary production of ferrous & non-ferrous metals more than 1

	MT/hour production(or) Lead extraction irrespective of the capacity(or) metal extraction having induction furnace clubbed with AOD furnace.
26	Fertilizer (basic) (excluding formulation)
27	Fibre glass production and processing (excluding moulding)
28	Fire crackers manufacturing and bulk storage facilities
29	Health-care Establishment (as defined in BMW Rules){ Non-Industrial operation }
	i. Mainly water polluting.
	ii. for Hospitals having total waste-water generation > 100 KLD *having their own ETP/STP
	iii. The hospitals with incinerator will be categorized as Red irrespective of the quantity of the waste -water generation.
	iv. For Hospitals having > 200 Bed Capacity
30	Hotels having overall waste- water generation @ 100 KLD and more { Non-Industrial operation }
	i. Mainly water polluting. Small boiler may be installed.
	ii. The water pollution score is normalized to 100 & valid for Hotels having waste-water generation > 100 KLD.
	iii. The hotels having more than 20 rooms and waste-water generation less than 100 KLD and having a coal / oil fired boiler, the pollution score will be 35/40 & are categorized as Orange.
	iv. The hotels having more than 20 rooms and waste-water generation less than 10 KLD and having no-boiler & no hazardous waste generation, the pollution score will be 20 & are categorized as Green.
31	Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black
32	Industrial estates/ parks/ complexes/ areas/ export processing zones/ SEZs/ biotech parks/ leather complex having DG set of capacity 5 MVA and above.
33	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.
34	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 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.
35	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 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”.

36	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,
37	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..
38	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
39	Industry or processes involving foundry operations having capacity of 5 MT/hr and more, the coal/coke consumption will be more than 500 kg/hr
40	Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
41	Isolated storage of hazardous chemicals (as per schedule of manufacturing, storage of hazardous chemicals rules ,1989 as amended)
42	Lead acid battery manufacturing (excluding assembling and charging of lead-acid battery in micro scale)
43	Manufacturing of explosives, detonators, fuses including management and handling activities
44	Manufacturing of glass (lead glass only)
45	Manufacturing of glue and gelatin
46	Manufacturing of lubricating oils, grease petroleum based products
47	Manufacturing of paints varnishes, pigments and intermediate (excluding blending/mixing)
48	Milk processes and dairy products(integrated project)
49	Mining and ore beneficiation
50	MSW sanitary land fill site
51	Non-alcoholic beverages (soft drink) & bottling of alcohol/non-alcoholic products units having waste-water generation 100 KLD and above.
52	Nuclear power plant
53	Oil and gas extraction including CBM (offshore & on-shore extraction through drilling wells)
54	Oil Refinery (mineral Oil or Petro Refineries)
55	Organic Chemicals manufacturing
56	Parboiled Rice Mills having waste-water generation 100 KLD and above or fuel consumption 12 MTD and above or both
57	Pesticides (technical) (excluding formulation)
58	Petrochemicals Manufacturing (including processing of Emulsions of oil and water)
59	Pharmaceutical R & D activities (for sustained release/extended release of drugs only and not for commercial purpose)
60	Pharmaceuticals
61	Phosphate rock processing plant
62	Phosphorous and its compounds
63	Photographic film and its chemicals
64	Ports and harbour, jetties and dredging operations{ Non-Industrial operation }
65	Power generation plant [except Wind and Solar renewable power plants of all capacities and Mini Hydel power plant of capacity <25MW]
66	Processes involving chlorinated hydrocarbons
67	Pulp & Paper (Large-Agro + wood), Small Pulp & Paper (agro based- heat straw/rice husk)

68	Pulp & Paper (waste paper based units with bleaching process to manufacture writing & printing paper)
69	Pulp & Paper (waste paper based without bleaching process to manufacture Kraft paper)
70	Pyrolysis plants
71	Railway locomotive work shop/Integrated road transport workshop/Authorized service centres having waste water generation 100 KLD and above{ Non-Industrial operation }
72	Railway stations (waste water generation 100 KLD and above){ Non Industrial Operation }
73	Reprocessing of waste oil
74	Sand mining Projects of Category A and B1 under EIA notification 2006
75	Sewage Treatment Plants
76	Ship Breaking Industries
77	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
78	Sugar (excluding Khandsari)
79	Synthetic detergents and soaps (excluding formulation) having waste water generation 100 KLD and above.
80	Synthetic fibres including rayon, tyre cord, polyester filament yarn
81	Tanneries
82	Thermal Power Plants
83	Tyre, tube & rubber components with boiler
84	Vegetable oil manufacturing including solvent extraction and refinery / hydrogenated oils having waste-water generation is 100 KLD and above.
85	Yarn / Textile processing involving any effluent/emission generating processes including bleaching, dyeing, printing and colouring
86	Zinc Smelter

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