

List of Red Category Industries

S.No.	Sector
1	Manufacturing of Automobiles (integrated facilities)
2	Asbestos and asbestos based industries
6.1	AAC bricks/blocks manufacturing using coal as fuel (12 TPD and above)
8.1	Manufacturing of Non-Alcoholic Beverages having Wastewater generation ≥ 100 KLD
9.1	Lead-acid Battery manufacturing (excluding assembling and charging of lead acid Battery in micro- scale)
17.1	Carbon black manufacturing
17.2	Industrial carbon including electrodes & graphite blocks and calcined pet coke
18.1	Basic inorganic chemicals and electro chemicals and its derivatives including manufacturing of acid
18.2	Phosphorous and its compounds, including phosphorous rock processing

18.3	Chlorates, per-chlorates & peroxides
18.4	Chlorine, fluorine, bromine, iodine, and their compounds
19	Coke oven plant, coal liquefaction, coal tar distillation and fuel gas-making
20.1	Cement Plants With co-processing with CPP (Captive Power Plant)
20.2	Cement Plants With co-processing without CPP
20.3	Cement Plants Without co-processing with CPP
20.4	Cement Plants Without co-processing without CPP
20.5	Cement Plants Stand-alone grinding units with CPP
21.1	Chlor alkali

21.2	Chlor alkali using washed salt
21.3	Chlor alkali using cleaner/gaseous fuel
24.1	Ceramics/ Glass /Earthen potteries and tile manufacturing using coal/oil fired kilns (fuel consumption: 12 TPD and above)
42.1	Dyes, Dye Intermediates and Pigments produced by chemical synthesis
42.2	Natural Dye and Pigments requiring acidic/ alkaline/ solvent extraction
43.1	Synthetic detergents and soaps (wastewater generation ≥ 100 KLD)
44.1	Distillery (Molasses based)
44.2	Distillery (Grain based)
44.3	Distillery (Grain based) with Distiller's Dried Grains with Soluble (DDGS) as by- product

44.4	Standalone yeast manufacturing units
44.5	Breweries and malteries industry (with fermentation)- Wastewater generation \geq 100 KLD
46	Manufacturing of Explosives , detonators, fuses, etc.
54.1	Synthetic fibres-PSF & PFY, generated from petrochemical
54.2	Synthetic fibres including rayon, tyre cord, viscose filament yarn/staple fibre, acrylic fibres
54.3	Synthetic fibres including rayon, tyre cord, viscose filament yarn/staple fibre, acrylic fibres using cleaner/gaseous fuel
55.1	Fertilizers (Urea)
55.2	Fertilizers (Calcium Ammonium Nitrate/Ammonium Nitrate)
55.3	Fertilizers (NPK)

55.4	Fertilizers (Straight Phosphatic Fertilizers)
64.1	Manufacturing of glue and gelatin using coal/liquid fuel
67.1	CBG plants based onMunicipal Solid Waste (MSW) as feed
67.2	CBG plants based on process waste (industrial/ process liquid effluent & solid waste like press mud, organic sludge, molasses, etc.) as feed
68.1	Integrated unit for production of Ammonia through Hydrogen generated by pyrolysis/gasification
68.2	Integrated unit for production of ammonia through Hydrogen generated by electrolysis using renewable energy (capacity \geq 15 TPD)
68.4	Hydrogen production through pyrolysis/gasification
76	Hazardous waste pre- processing/processing facility including spent acid processing, spent solvent recovery, etc.
87.1	Milk processes and dairy products (integrated project)

87.2	Dairy and dairy products (Small scale units), using coal/biomass as fuel (Wastewater generation \geq 100 KLD)
88.1	Open-cast coal mining
88.2	Underground coal mining
88.3	Mining of major minerals and ore beneficiation
95.1	Integrated iron and steel plants
95.2	Stand-alone sintering/palletisation
95.3	Sponge iron with CPP (Captive Power Plant)
95.4	Sponge iron without CPP
95.5	Stand-alone coke oven gas plants

96.1	Aluminium Refinery
96.2	Aluminium Smelter
97	Copper Smelter
98	Zinc smelter
99.1	All Ferrous and Non-ferrous metal secondary processing/reprocessing units involving different furnaces through melting, refining, casting, alloy-making (using coal/liquid fuels)
101.1	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
103.1	Rolling and pickling
105.1	Wire drawing and wire netting (with pickling)
111.1	Organic chemicals including halogenated hydrocarbons (using solid/liquid fuel)

111.2	Organic chemicals including halogenated hydrocarbons (using cleaner fuel)
112	Oil and gas extraction (offshore & onshore extraction through drilling wells), Coal Bed Methane (CBM) drilling and shale gas, including group gathering stations (GGS), etc.
114.1	Power plants based on coal
114.2	Power plants based on liquid fuels
114.3	Biomass-based power plants
114.4	Nuclear energy-based power plants (> 220 MW)
115.1	Manufacturing of bleached chemical pulp, papers, and paperboards
115.2	Unbleached or Totally Chlorine Free (TCF) bleaching for manufacturing of chemical pulp, papers, and paperboards
115.3	Bleached grades of chemical pulp, paper, and paperboard having Totally Chlorine Free (TCF) bleaching

116.1	Pulp & Paper (With bleaching)
116.2	Pulp & Paper (Without bleaching, capacity ≥ 15 TPD)
117.1	Manufacturing of solvent- based paints/varnish
117.2	Manufacturing of water- based paints
117.3	Manufacturing of powder coatings
118.1	Pesticide technical (organic chemicals based)
118.2	Pesticide technical (inorganic chemicals based like Zinc Phosphide and Aluminium Phosphide)
118.3	Pesticide formulation industries (Liquid formulation only) having boiler/thermopack
118.5	Pesticide formulation industries (having both liquid and dry formulation or dry formulation only) without having boiler / thermopack

118.6	Pesticide formulation industries (having both liquid and dry formulation or dry formulation only) having boiler / thermopack
120	Petroleum oil refineries
121.1	Petrochemicals (Naphtha cracker.)
121.2	Petrochemicals (Gas cracker)
121.3	Petrochemicals (without cracker)
121.4	Petrochemicals (without cracker and using cleaner/gaseous fuel)
123.1	Pharmaceuticals manufacturing
123.2	Pharmaceuticals manufacturing using cleaner/gaseous fuel
141.1	Refractories based on coal/liquid fuel (fuel consumption: 12 TPD and above)

143.1	Synthetic resins manufacturing
149.1	Hydro & pyro metallurgy
149.2	Hydro & pyro metallurgy (using cleaner/gaseous fuels & without crushing of materials)
149.3	Pyro metallurgy (using coal/liquid fuels)
150.1	Industry engaged in recycling of e-waste generated from the electrical and electronic Equipment (EEE) listed in the E-Waste (Management) Rules 2022 using pyro/ hydro/ electro- metallurgical processing and recycling of plastic separated from Waste EEE
151.1	Lead Recycling (Lead Acid Batteries with Acids; Lead Scrap Recycling) Rotary Furnace/ Pit Furnace (Mandir/Canopy Bhatti)
151.2	Lead Recycling (Drained Lead Acid Batteries; Lead Scrap Recycling) Rotary Furnace/Mandir Bhatti on Cleaner Fuel
154	Sugar (excluding khandsari/jaggery)
156	Slaughterhouse / Slaughterhouse (with rendering plant)/ integrated slaughtering unit, meat processing units, bone mill, processing of animal horns, hoofs and other body parts

163.1	Semiconductor fabs manufacturing
163.2	Display fabs manufacturing
163.3	Sensor fabs manufacturing/ Compound semiconductors/ silicon photonics
168.1	Tanneries (Raw to finish)
168.2	Tanneries (Raw to wet blue)
168.3	Tanneries (Wet blue to finish)
178.1	Yarn / Textile processing involving any effluent/emission generating processes including bleaching, dyeing, printing, and colouring, including the garment and apparel manufacturing industry
182.1	Integrated facility for reprocessing of waste textile fabric (including washing, bleaching, dyeing etc.)
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3.1	HCFs with captive incinerator, irrespective of number of beds

3.2	more than 1000 bedded HCFs
3.3	501 to 1,000 bedded HCFs
4.1	Hotels (above 3 star) or having 100 & above rooms
5.1	Railway locomotive work shop/ Integrated road transport workshop/ Authorized service centers (wastewater generation ≥ 10 KLD)
8.1	Ports and harbours, jetties and dredging operations
13.1	Dairy Farm (having more than 500 animals)
1.1	Hydel power plants (Capacity > 50 MW)
2.1	Mining lease area more than 5 hectares or Mining lease area up to 5 hectares which is part of cluster mining