

S.No.	List of Red Category Industry
1	Airports and Commercial Air Strips (CPCB)
2	Aluminum Smelter (CPCB)
3	Asbestos and Asbestos based industries (CPCB)
4	Automobiles manufacturing (integrated facilities) (CPCB)
5	Basic Chemicals and Electro Chemicals and its derivatives including manufacturing of acids (CPCB)
6	Ceramic, Refractories (CPCB)
7	Cement (CPCB)
8	Chlor Alkali (CPCB)
9	Chlorates, Perchlorates and Peroxides. (CPCB)
10	Chlorine, Fluorine, Bromine, Iodine and their compounds (CPCB)
11	Coal Washeries (CPCB)
12	Copper Smelter (CPCB)
13	Coke making, Liquefaction, Coaltar distillation or fuel gas making (CPCB)
14	Common Treatment and disposal facilities (CETP, TSDF, E-waste recycling, CBMWTF, Effluent conveyance project, incinerators, Solvent/Acid recovery plant, MSW sanitary landfill sites, STP. (CPCB)
15	Distillery including Fermentation industry (CPCB)
16	Dyes and Dye-Intermediates (CPCB)
17	Dry coal processing /mineral processing, industries involving ore sintering, Palletisation, Grinding, Pulverization (CPCB)
18	Emulsion of Oil & Water (CPCB)
19	Fermentation industry including manufacturing of yeast, beer, distillation of Alcohol (ENA) (CPCB)
20	Fertilizer (basic) excluding formulation (CPCB)
21	Ferrous and non-ferrous metal extraction involving different furnaces through Melting, Refining, reprocessing, casting and alloy making (CPCB)
22	Fibre glass production and processing (excluding molding) (CPCB)
23	Fire crackers manufacturing and bulk storage facilities (CPCB)
24	Flakes from rejected PET bottle. (CPCB)
25	Fly ash export, transport and disposal facilities (CPCB)
26	Health care establish (as defined in BMW Rules) (CPCB)
27	Heavy engineering including Ship Buildings (with investment on Plant & Machinery more than `10 Crores (CPCB)
28	Hot mix plants (CPCB)
29	Hotels (3-Star & above) and Hotels having 100 rooms and above (CPCB)
30	Hydrocyanic acid and its derivatives (CPCB)
31	Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black (CPCB)
32	Industrial estates/parks/complexes/areas/export processing zones/SEZs/biotech parks/leather complex (CPCB)
33	Industrial inorganic gases namely :- (a) Chemical gases: Acetylene, Hydrogen, Chlorine, Fluorine, Ammonia, Sulphur dioxide, ethylene, hydrogen sulphide, phosphine (CPCB) (b) Hydrocarbon gases: Methane, ethane, propane (CPCB)
34	Industries engaged in recycling/reprocessing/recovery/reuse of Hazardous Waste under schedule IV of Hazardous Waste (M, H &TBM) Rules, 2008 and its amendments (CPCB)
35	Industry of process involving foundry operations (CPCB)
36	Industry of process involving metal surface treatment or process such as pickling/plating/electroplating/paint stripping/heat treatment/phosphating or finishing and anodizing/enamelling/galvanising (CPCB)
37	Iron and Steel (involving processing from ore/integrated steel plants and or

	sponge iron units (CPCB)
38	Isolated storage of hazardous chemicals (as per schedule of the Manufacturing, Storage & Import of Hazardous Chemicals Rules, 1989 as amended) (CPCB)
39	Lead acid battery manufacturing (excluding assembling & charging of acid lead battery in micro scale [$<` 25$ lakhs] (CPCB)
40	Lime manufacturing (using Lime Kiln) (CPCB)
41	Manufacturing of Explosives, detonators, fuses including management and handling activities (CPCB)
42	Manufacturing of glass (CPCB)
43	Manufacturing of Glue and Gelatin (CPCB)
44	Manufacturing of Lubricating oils, greases or petroleum based products (CPCB)
45	Manufacturing of paints, varnishes, pigments and intermediate (excluding blending/mixing) (CPCB)
46	Manufacturing of Starch/Saggo (CPCB)
47	Milk processing and dairy products (integrated projects) (CPCB)
48	Mineral stack yards/Railways sidings (CPCB)
49	Mining and ore beneficiation (CPCB)
50	New Highway construction projects (CPCB)
51	Non alcoholic beverage (Soft Drink) & bottling of alcoholic/non-alcoholic products (capital investment on plant & machinery $> ` 1$ Crore) (CPCB)
52	Nuclear Power Plants (CPCB)
53	Oil & Gas extraction including CBM (offshore & onshore extraction through drilling wells) (CPCB)
54	Oil and Gas transportation pipeline (CPCB)
55	Oil refinery (Mineral Oil or Petro Refineries) (CPCB)
56	Organic Chemicals manufacturing (CPCB)
57	Parboiled rice mills (more than 10 TPD) (CPCB)
58	Pesticides (Technical) (Excluding formulation) (CPCB)
59	Petrochemicals (manufacturing of and not merely use of as raw material) (CPCB)
60	Pharmaceuticals (excluding formulation) (CPCB)
61	Pulp and Paper (Paper manufacturing with or without pulping) (CPCB)
62	Phosphate rock processing plant (CPCB)
63	Phosphorous and its compounds (CPCB)
64	Photographic films and its chemicals (CPCB)
65	Ports & Harbours, Jetties and Dredging Operations (CPCB)
66	Power Generation Plants [Except Wind, Solar and Mini Hydel power plants of capacity <25 MW) and DG set of capacity >5 MVA] (CPCB)
67	Processes involving chlorinated hydrocarbons (CPCB)
68	Railway Locomotive workshops/integrated road transport workshop/authorized service centers (CPCB)
69	Reprocessing of used oils and waste oils (CPCB)
70	Ship breaking activities (CPCB)
71	Slaughter houses (As per the notification S.O. 270(E) dated 26.03.2001) and meat processing industries, bone mill, processing of animal horns, hoofs and other body parts (CPCB)
72	Steel and Steel products using various furnaces like Blast Furnaces/Open Hearth Furnace/Induction Furnace/Arc Furnace/Submerged Arc Furnace/Basic Oxygen Furnace/Hot Rolling using Reheating Furnace (CPCB)
73	Stone Crushers (CPCB)
74	Sugar (excluding Khandsari) (CPCB)
75	Surgical and medical products involving prophylactics and latex (CPCB)

76	Synthetic detergents and soaps (excluding formulation) (CPCB)
77	Synthetic fibres including rayon, tyre cord, polyester filament yarn (CPCB)
78	Synthetic resins (CPCB)
79	Synthetic rubber excluding molding (CPCB)
80	Tanneries (CPCB)
81	Thermal Power Plants (CPCB)
82	Tabacco products including cigarettes and tobacco/opium processing (CPCB)
83	Vegetable oils including solvent extraction and refinery/hydrogenated oils (CPCB)
84	Yarn/textile processing involving any effluent/emission-generating process, bleaching, dyeing, printing and scouring (CPCB)
85	Zinc Smelter (CPCB)
Note: 1. Any industry/industrial activity which is not covered in above list having coal fired boiler with steam generation capacity more than 5 T/hr will be covered under Red Category.	

S.No.	List of Green Category units
1	Assembling of Acid lead battery (up to 10 batteries per day excluding lead plate casting) (CPCB)
2	Aluminum utensils from aluminum circles (CPCB)
3	Assembly of air coolers/conditioners, repairing and servicing (CPCB)
4	Assembly of bicycles, baby carriage and other small non-motorized vehicles (CPCB)
5	Automobile fuel outlet (only dispensing) (CPCB)
6	Ayurvedic and Homeopathic medicine (without boiler) (CPCB)
7	Bailing (hydraulic press) of waste papers (CPCB)
8	Bakery/Confectionery/Sweets production (with production capacity <1TPD with oil, gas or electrical oven) (CPCB)
9	Bio fertilizer & bio-pesticide without using inorganic chemicals (CPCB)
10	Biomass Briquettes (sun drying) without using toxic or hazardous wastes (CPCB)
11	Biscuit trays etc. from rolled PVC sheet (using automatic vacuum forming machine) (CPCB)
12	Blending and Packaging of Tea (CPCB)
13	Blending of melamine resins & different powder, additives by physical mixing (CPCB)
14	Block making for printing without foundry (excluding wooden block making) (CPCB)
15	Brass & Bell metal utensils manufacturing from circle (without re-rolling facility) (CPCB)
16	Candy (CPCB)
17	Cardboard or corrugated box and paper products (excluding paper or pulp manufacturing and without using boiler) (CPCB)
18	Carpentry and wooden furniture manufacturing (excluding saw mill) with the help of electrical (motorized) machines such as electric wood planner, steel saw cutting circular blade etc. (CPCB)
19	Cement products (without using Asbestos) like paper, pillar, jafri, well ring, blocks/tiles etc (should be done under closed covered shed to control fugitive emissions) (CPCB)
20	Ceramic color manufacturing (not using boiler and waste water recycling)

	process) (CPCB)
21	Chalk making from Plaster of Paris (CPCB)
22	Chilling plant and ice making without use of ammonia (CPCB)
23	Coated electrode manufacturing (CPCB)
24	Compact disc, computer floppy & cassette manufacturing (CPCB)
25	Compressed oxygen gas from crude liquid oxygen (CPCB)
26	CO2 recovery (CPCB)
27	Cotton and Woolen hosiery making (SI & Cottage industries) (CPCB)
28	Cotton spinning & weaving (small scale) (CPCB)
29	Decoration of ceramic cups & plates by electric furnace (CPCB)
30	Diesel Generator sets (15KVA to 1MVA) (CPCB)
31	Diesel Pump repairing & servicing (CPCB)
32	Distilled water (CPCB)
33	Electric lamp (Bulb) manufacturing (Small Scale) (CPCB)
34	Electrical & Electronic items assembling (CPCB)
35	Flavoured bettle nut production/grinding (CPCB)
36	Flour mills (dry process) (CPCB)
37	Fly ash bricks/blocks manufacturing (CPCB)
38	Fountain pen manufacturing (CPCB)
39	Glass ampules & vials making from glass tubes (CPCB)
40	Glass putty and sealant (CPCB)
41	Glass, ceramic, earthen potteries and tile manufacturing using electrical kiln or not involving fossil fuel kilns (CPCB)
42	Gold and Silver smithy (purification with acid, smelting operation and sulfuric acid polishing operation) using less than or equal to 1 Liter of sulphuric acid/nitric acid per month) (CPCB)
43	Groundnut decorticating (dry) (CPCB)
44	Handloom/carpet weaving (without dyeing and bleaching operation) (CPCB)
45	Hotels (up to 20 rooms) (CPCB)
46	Insulation and other coated papers (excluding paper or pulp manufacturing) (CPCB)
47	Jobbing and machining (CPCB)
48	Leather cutting and stitching (more than 10 machines and using motor) (CPCB)
49	Leather footwear and leather products (excluding tanning and hide processing) (except cottage scale) (CPCB)
50	Lubricating oils, greases or petroleum based products (only blending at normal temperature) (CPCB)
51	Manufacturing of coir items from coconut husk (CPCB)
52	Manufacturing of metal caps, containers etc (CPCB)
53	Manufacturing of optical lenses (using electrical furnace) (CPCB)
54	Manufacturing of pasted veneers without using boiler or thermic fluid heater or by sundrying (CPCB)
55	Manufacturing of shoe brush & wire brush (CPCB)
56	Manufacturing of silica gel (without furnace) (CPCB)
57	Medical oxygen (CPCB)
58	Mineralized water (CPCB)
59	Oil mill ghani & extraction (no hydrogenation/refining) (CPCB)
60	Organic and inorganic nutrients (by physical mixing) (CPCB)
61	Organic manure (manual mixing) (CPCB)
62	Paints and varnishes (mixing and blending) (without ball mill) (CPCB)
63	Packing of powdered milk (CPCB)
64	Paper pins and U-clips (CPCB)
65	Phenyl/Toilet cleaner formulation & Bottling (CPCB)
66	Reel manufacturing (CPCB)

67	Polythene & Plastic processed products manufacturing (virgin plastics) (CPCB)
68	Poultry, hatchery, piggery (CPCB)
69	Power looms (without dyeing and bleaching) (CPCB)
70	Printing press (CPCB)
71	Puffed rice (muri) (using oil, gas or electrical heating system) (CPCB)
72	Ready mix cement concrete (CPCB)
73	Reprocessing of waste cotton (CPCB)
74	Rope (Cotton & Plastic) (CPCB)
75	Rubber Goods industry (with baby boiler only) (CPCB)
76	Scientific and mathematical instruments manufacturing (CPCB)
77	Soap manufacturing (Handmade without steam boiling) (CPCB)
78	Solar module (Non conventional energy apparatus) manufacturing unit (CPCB)
79	Solar power generation through solar photovoltaic cell, wind power & mini hydel power (<25MW) (CPCB)
80	Spice grinding (<20 HP motor) (CPCB)
81	Steel furniture without spray painting (CPCB)
82	Steeping and processing of grains (CPCB)
83	Surgical and medical products not involving effluent/emission generating processes (CPCB)
84	Synthetic detergent formulation (CPCB)
85	Teflon based products (CPCB)
86	Tyres and tubes retreading (without boiler) (CPCB)

S.No.	List of Orange category units
1.	Almirah, Grill manufacturing (CPCB)
2	Aluminum and copper extraction from scrap using oil fired furnace (CPCB)
3	Automobile servicing, repairing and painting (excluding only fuel dispensing) (CPCB)
4	Ayurvedic and Homeopathic medicine (CPCB)
5	Bakery & confectionery units with production capacity >1 TPD) (CPCB)
6	Biaxially oriented PP film along with metalizing operation (CPCB)
7	Brick fields (excluding fly ash brick manufacturing operation (CPCB)
8	Building & construction projects more than 20,000 sq. meter built-up area (CPCB)
9	Cashew nut processing (CPCB)
10	Chanachur and laddoo from puffed and beaten rice (muri and chira) using husk field oven (CPCB)
11	Chilling plant, cold storage and ice making (CPCB)
12	Coffee seed processing (CPCB)
13	Coke briquetting (sun drying) (CPCB)
14	Cotton Spinning and weaving (medium and large scale) (CPCB)
15	Cutting, sizing and polishing of marble stones (CPCB)
16	Dairy and dairy products (small scale) (capital investment on plant & machinery < `1 Crore) (CPCB)
17	Dal Mills (CPCB)
18	DG set of capacity >1 MVA but < 5MVA) (CPCB)
19	Digital printing on PVC cloth (CPCB)
20	Dismantling of rolling stocks (wagons/coaches) (CPCB)
21	Dry cell battery (excluding manufacturing of electrodes) & assembling &

	charging of acid lead battery in micro scale [$<` 25$ lakhs] (CPCB)
22	Emery powder (fine dust of sand) manufacturing (CPCB)
23	Engineering and fabrication units (with investment on plant & machineries $<` 10$ Crores (CPCB)
24	Excavation of sand from the river bed (excluding manual excavation) (CPCB)
25	Facility of handling, storage and transportation of food grains in bulk (CPCB)
26	Fertilizer (granulation and formulation only) (CPCB)
27	Fish feed, poultry feed and cattle feed (CPCB)
28	Fish processing and packaging (excluding chilling of fish) (CPCB)
29	Foam manufacturing (CPCB)
30	Food & Food processing including fruits & vegetable processing (CPCB)
31	Forging of ferrous & non-ferrous metal (using oil or gas fired boilers (CPCB)
32	Formulation/palletization of camphor tablets, naphthalene balls from camphor/naphthalene powders (CPCB)
33	Glass, ceramic, earthen potteries and tile manufacturing using oil or gas fired kiln, coating on glasses using cerium fluoride, magnesium fluoride etc. (CPCB)
34	Glue from starch (physical mixing) (CPCB)
35	Gravure printing, digital printing on flex, vinyl. (CPCB)
36	Heat treatment using oil fired furnace (excluding cyaniding) (CPCB)
37	Hotels (less than 3 star) or hotels having >20 rooms and less than 100 rooms (CPCB)
38	Ice cream (CPCB)
39	Infrastructure development projects (CPCB)
40	Jute processing without dyeing (CPCB)
41	Liquid floor cleaner, black phenyl, liquid soap, glycerol monostearate manufacturing (CPCB)
42	Manufacturing of mirror from sheet glass (CPCB)
43	Manufacturing of iodized salt from crude/raw salt (CPCB)
44	Manufacturing of mosquito repellent coil (CPCB)
45	Manufacturing of tooth powder, toothpaste, talcum powder and other cosmetics items (CPCB)
46	Mechanized laundry using oil fired boiler (CPCB)
47	Modular wooden furniture from particle board, MDF, swan timber etc, Ceiling tiles/partition board from saw dust, wood chips etc & other agricultural waste using synthetic adhesive resin, wooden box making (CPCB)
48	Packing materials manufacturing from non asbestos fiber, vegetable fiber yarn (CPCB)
49	Paint blending & mixing (ball mill) (CPCB)
50	Pharmaceutical formulation and for R & D purpose (for sustained release/extended release o drugs only and not for commercial purpose) (CPCB)
51	Plyboard manufacturing (including veneer & laminate) with oil fired boiler/thermic fluid heater (without resin plant) (CPCB)
52	Potable alcohol (IMFL) by blending, bottling of alcoholic products (capital investment on plant & machinery $<` 1$ Crore (CPCB)
53	Power press (CPCB)
54	Printing ink manufacturing (CPCB)
55	Printing or etching of glass sheet using hydrofluoric acid (CPCB)
56	Producer gas plant using conventional up-drift coal gasification (linked to rolling mill, glass and ceramic industry, refractories for dedicated fuel supply) (CPCB)
57	Pulverization of bamboo and scrap wood (CPCB)
58	Repairing of electric motor & generator (CPCB)
59	Reprocessing of waste plastic (excluding PVC) (CPCB)

60	Rice mill less than 10 TPD & rice hullers (CPCB)
61	Rolling Mill (oil or gas fired) and cold Rolling mill (CPCB)
62	Saw mill (CPCB)
63	Seasoning of wood in steam heated chamber (CPCB)
64	Silk screen printing, Saree printing by wooden blocks (CPCB)
65	Spice grinding (>20 HP motor (CPCB)
66	Spray painting, paint baking, paint stripping (CPCB)
67	Tamarind powder manufacturing (CPCB)
68	Tea processing (CPCB)
69	Thermocol manufacturing (CPCB)
70	Thermometer making (CPCB)
71	Transformer repairing/manufacturing (CPCB)
72	Tyres and tubes vulcanization/hot retreading (CPCB)
73	Wire drawing & wire netting (CPCB)
