

INDUSTRY CATEGORIZATION

List of Red Category Industries

- 1) Airports and Commercial Strips
- 2) Aluminium Smelter
- 3) Asbestos and asbestos based industries
- 4) Automobiles Manufacturing (integrated facilities)
- 5) Basic chemicals and electro chemical and its derivatives including manufacture of acids
- 6) Ceramic, Refractories
- 7) Cement
- 8) Chlor Alkali
- 9) Chlorates, perchlorates and peroxides
- 10) Chlorine, fluorine, bromine, iodine and their compounds
- 11) Coal Washeries
- 12) Copper Smelter
- 13) Coke making, liquefaction, coal tar distillation or fuel gas making
- 14) Common Treatment and disposal facilities (CETP, TSDF, E-Waste recycling, CBMWTF. Effluent conveyance project, incinerators, Solvent/Acid recovery plant, MSW sanitary land sites, STP)
- 15) Distillery including fermentation industry
- 16) Dyes and Dye-Intermediaries
- 17) Dry coal processing/ mineral processing, industries involving ore sintering, palletisation, grinding, pulverization
- 18) Emulsion of oil and water
- 19) Fermentation industry including manufacture of yeast, beer, distillation of alcohol (ENA)
- 20) Fertilizer (basic) excluding formulation
- 21) Ferrous and non-ferrous metal extraction involving different furnaces through melting, refining, reprocessing, casting and alloy making
- 22) Fibre glass production and processing (Excluding moulding)
- 23) Fire crackers manufacturing and bulk storage facilities
- 24) Flakes from rejected PET bottle
- 25) Fly ash export, transport and disposal facilities
- 26) Healthcare establishment (as defined in BMW rules)
- 27) Heavy engineering including Ship building (with investment on plant and machineries more than Rs 10 crore)
- 28) Hot mix plants
- 29) Hotels (3 star and above) and Hotels having 100 rooms and above

- 30) Hydrocyanic acid and its derivatives
- 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
- 33) Industrial inorganic gases namely:
 - a. Chemical gases: Acetylene, hydrogen, chlorine, fluorine, ammonia, sulphur dioxide, ethylene, hydrogen sulphide, phosphide
 - b. Hydrocarbon gases: Methane, ethane, propane
- 34) Industries engaged in recycling/reprocessing/recovery/reuse of hazardous waste under schedule IV of hazardous waste (M, H&TM) rules, 2008 and its amendments
- 35) Industry or process involving foundry operations
- 36) Industry or process involving metal surface treatment or process such as pickling/ plating/ electroplating/paint stripping/heat treatment/phosphating or finishing and anodising/ enamelling/ galvanising
- 37) Iron and steel (involving process from ore/ integrated steel plants and or sponge iron units)
- 38) Isolated storage of hazardous chemicals (as per schedule of Manufacture, storage and import of hazardous chemicals Rules 1989, as amended)
- 39) Lead acid battery manufacturing (excluding assembling and charging of acid lead battery in micro scale (< Rs 25 Lakhs))
- 40) Lime manufacturing (using Lime Kiln)
- 41) Manufacturing of explosives, detonators, fuses including management and handling activities
- 42) Manufacturing of glass
- 43) Manufacturing of Glue and gelatin
- 44) Manufacturing of lubricating oils, greases or petroleum based products
- 45) Manufacturing of paints, varnishes, pigments and intermediate (excluding blending/mixing)
- 46) Manufacture of Starch/saggo
- 47) Milk processing and dairy products (integrated project)
- 48) Mineral stack yards/ Railway sidings
- 49) Mining and ore beneficiation
- 50) New highway construction projects
- 51) Non Alcoholic beverage (soft drink) & bottling of alcoholic/non alcoholic products (capital investment on plant & machinery > Rs 1 crore)
- 52) Nuclear Power plants
- 53) Oil and gas extraction including CBM (offshore & onshore extraction through drilling wells)
- 54) Oil and gas transportation pipeline
- 55) Oil refinery (Mineral Oil or Petro Refineries)

- 56) Organic Chemicals manufacturing
- 57) Parboiled rice mills (more than 10 TPD)
- 58) Pesticides (Technical) excluding formulation
- 59) Petrochemicals (Manufacture of and not merely use of as raw material)
- 60) Pharmaceuticals (excluding formulation)
- 61) Pulp and paper (paper manufacturing with or without pulping)
- 62) Phosphate rock processing plant
- 63) Phosphorous and its compounds
- 64) Photographic films and its chemicals
- 65) Ports & Harbours, jetties and dredging operations
- 66) Power generation plants (except wind, solar and mini hydel power plants of capacity <25 MW) and DG sets of capacity >5 MVA
- 67) Processes involving chlorinated hydrocarbons
- 68) Railway Locomotive workshops /integrated Road Transport workshop/ authorized service centres
- 69) Reprocessing of used oils and waste oils
- 70) Ship breaking activities
- 71) Slaughter houses(as per notification S.O. 270(E) dated 26.03.2001) and meat processing industries, bone mill, processing of animal horns, hoofs and other body parts
- 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 furnaces
- 73) Stone crushers
- 74) Sugar (excluding khandsari)
- 75) Surgical and medical products involving prophylactics and latex
- 76) Synthetic detergents and soaps (excluding formulation)
- 77) Synthetic fibres including rayon, tyre cord, polyster filament yarn
- 78) Synthetic resins
- 79) Synthetic rubber excluding molding
- 80) Tanneries
- 81) Thermal power plants
- 82) Tobacco products including cigarettes and tobacco/ opium processing
- 83) Vegetable oils including solvent extraction and refinery/ hydrogenated oils
- 84) Yarn/ textile processing involving any effluent/emission generating process, bleaching, dyeing, printing and scouring
- 85) Zinc Smelter

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

List of Green Category Industries

- 1) Assembling of Acid lead battery (upto 10 batteries per day excluding lead plate casting)
- 2) Aluminium utensils from aluminium circles
- 3) Assembly of air coolers/conditioners, repairing and servicing
- 4) Assembly of bicycles, baby carriage and other small non-motorised vehicles
- 5) Automobile fuel outlet (only dispensing)
- 6) Ayurvedic and Homeopathic medicine (without boiler)
- 7) Bailing (hydraulic press) of waste papers
- 8) Bakery/Confectionery/Sweets production (with production capacity < 1tpd with oil, gas or electrical oven)
- 9) Bio fertilizer & bio-pesticide without using inorganic chemicals
- 10) Biomass Briquettes (sun drying) without using toxic or hazardous wastes
- 11) Biscuit trays etc. from rolled PVC sheet (using automatic vacuum forming machine)
- 12) Blending and packaging of Tea
- 13) Blending of melamine resins & different powder, additives by physical mixing
- 14) Block making for printing without foundry (excluding wooden block making)
- 15) Brass & Bell metal utensils manufacturing from circle (without re-rolling facility)
- 16) Candy
- 17) Cardboard or corrugated box and paper products (excluding paper or pulp manufacturing and without using boiler)
- 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
- 19) Cement products (without using Asbestos) like pipe, pillar, jafri, well ring, blocks/tiles etc. (should be done under closed covered shed to control fugitive emissions)
- 20) Ceramic colour manufacturing (not using boiler and wastewater recycling process)
- 21) Chalk making from plaster of paris
- 22) Chilling plant and Ice making without use of ammonia
- 23) Coated electrode manufacturing
- 24) Compact disc, computer floppy & cassette manufacturing
- 25) Compressed oxygen gas from crude liquid oxygen
- 26) CO2 recovery

- 27) Cotton and woolen hosiery making (SSI & Cottage industries)
- 28) Cotton spinning & weaving (small scale)
- 29) Decoration of ceramic cups & plates by electric furnace
- 30) Diesel Generator sets (15 KVA to 1 MVA)
- 31) Diesel pump repairing & servicing
- 32) Distilled water
- 33) Electric lamp (bulb) manufacturing (small scale)
- 34) Electrical & electronic items assembling
- 35) Flavoured bettle nut production/grinding
- 36) Flour mills (dry process)
- 37) Fly ash bricks/blocks manufacturing
- 38) Fountain pen manufacturing
- 39) Glass ampules & vials making from glass tubes
- 40) Glass Putty and sealant
- 41) Glass, ceramic, earthen potteries and tile manufacturing using electrical kiln or not involving fossil fuel kilns
- 42) Gold and Silver smithy (purification with acid, smelting operation and Sulfuric acid polishing ,operation) (using less than or equal to 1 litre of Sulphuric Acid / Nitric Acid per month)
- 43) Groundnut decorticating (dry)
- 44) Handloom/ Carpet weaving (without dyeing and bleaching operation)
- 45) Hotels (upto 20 rooms)
- 46) Insulation and other coated papers (excluding paper or pulp manufacturing) manufacturing
- 47) Jobbing and Machining
- 48) Leather cutting and stitching (more than 10 machines and using motor)
- 49) Leather footwear and leather products (excluding tanning and hide processing) (except cottage scale)
- 50) Lubricating oils, greases or petroleum based products (only blending at normal temperature)
- 51) Manufacturing of coir items from coconut husk
- 52) Manufacturing of metal caps, containers etc
- 53) Manufacturing of optical lenses (using electrical furnace)
- 54) Manufacturing of pasted veneers without using boiler or Thermic Fluid Heater or by sundrying
- 55) Manufacturing of shoe brush & wire brush
- 56) Manufacturing of silica gel (without furnace)
- 57) Medical oxygen
- 58) Mineralized Water
- 59) Oil mill ghani & extraction (no hydrogenation/refining)
- 60) Organic and inorganic nutrients (by physical mixing)
- 61) Organic manure (manual mixing)

- 62) Paints and varnishes (mixing and blending) (without ball mill)
- 63) Packing of powdered milk
- 64) Paper pins and U-clips
- 65) Phenyl/ Toilet cleaner formulation & Bottling
- 66) Reel manufacturing
- 67) Polythene & plastic processed products manufacturing (virgin plastics)
- 68) Poultry, hatchery, piggery
- 69) Power looms (without dyeing and/bleaching)
- 70) Printing press
- 71) Puffed rice (muri) (using oil, gas or electrical heating system)
- 72) Ready mix cement concrete
- 73) Reprocessing of waste cotton
- 74) Rope (Cotton & Plastic)
- 75) Rubber goods industry (with baby boiler only)
- 76) Scientific and mathematical instruments manufacturing
- 77) Soap manufacturing (Handmade without steam boiling)
- 78) Solar module (Non-conventional energy apparatus) manufacturing unit
- 79) Solar power generation through photovoltaic cell, wind power & mini hydel power(< 25 MW)
- 80) Spice minding (< 20 HP motor)
- 81) Steel furniture without spray painting
- 82) Steeping and processing of grains
- 83) Surgical and medical products not involving effluent/emission generating processes
- 84) Synthetic detergent formulation
- 85) Teflon based products
- 86) Tyres and tubes retreading (without boiler)

List of Orange Category Industries

- 1) Almirah, Grill Manufacturing
- 2) Aluminium and copper extraction from scrap using oil fired furnace
- 3) Automobile servicing, repairing and painting (excluding only fuel dispensing)
- 4) Ayuradic and Homeopathic medicine
- 5) Bakery & confectionery units with production capacity >1 tpd
- 6) Biaxially oriented PP film along with metalising operation
- 7) Brickfields (excluding fly ash brick manufacturing using lime process)
- 8) Building & construction projects more than 20,000 Sq. mtr built up area
- 9) Cashew nut processing
- 10) Chanachur and ladoo from puffed and beaten rice (muri and chira using husk fired oven)

- 11) Chilling plant, cold storage and Ice making
- 12) Coffee seed processing
- 13) Coke briquetting (sun drying)
- 14) Cotton spinning and weaving (medium and large scale)
- 15) Cutting, sizing and polishing of Marble stones
- 16) Dairy and dairy products (small scale) (capital investment on plant & machinery < Rs 1 crore)
- 17) Dal mills
- 18) DG Sets of capacity >1 MVA but <5 MVA
- 19) Digital printing on PVC cloth
- 20) Dismantling of rolling stocks (wagons/coaches)
- 21) Dry cell battery (excluding manufacturing of electrodes) & assembling and charging of acid lead battery in micro scale (< Rs 25 Lakhs)
- 22) Emery powder (fine dust of sand) manufacturing
- 23) Engineering and fabrication units (With investment on Plant & Machinery < Rs 10 Crores)
- 24) Excavation of sand from the river bed (excluding manual excavation)
- 25) Facility of handling ,storage and transportation of food grains in bulk
- 26) Fertiliser (granulation and formulation only)
- 27) Fish feed, poultry feed and cattle feed
- 28) Fish processing and packaging (excluding chilling of fish)
- 29) Foam manufacturing
- 30) Food & food processing including fruits & vegetable processing
- 31) Forging of ferrous & non-ferrous metal (using oil or gas fired boilers)
- 32) Formulation/palletization of camphor tablets, naphthalene balls from camphor/naphthalene powders
- 33) Glass, ceramic, earthen potteries and tile manufacturing using oil or gas fired kiln, Coating on glasses using cerium fluoride, magnesium fluoride etc
- 34) glue from starch (physical mixing)
- 35) Gravure printing, digital printing on flex, vinyl
- 36) Heat treatment using oil fired furnace (excluding cyaniding)
- 37) Hotels (Less than 3 star) or hotels having > 20 rooms and less than 100 rooms
- 38) Ice cream
- 39) Infrastructure development project
- 40) Jute processing without dyeing
- 41) Liquid floor cleaner, black phenyl, liquid soap, glyserol monostearate manufacturing
- 42) Manufacture of mirror from sheet glass
- 43) Manufacturing of iodized salt from crude/raw salt
- 44) Manufacturing of mosquito repellent coil

- 45) Manufacturing of tooth powder, toothpaste, talcum powder and other cosmetic items
- 46) Mechanized laundry using oil fired boiler
- 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
- 48) Packing materials manufacturing from non-asbestos fibre, vegetable fibre yarn
- 49) Paint blending & mixing (Ball mill)
- 50) Pharmaceutical formulation and for R&D purpose(for sustained release/extended release of drugs only and not for commercial purpose)
- 51) Plyboard manufacturing (including vineer & laminate) with oil fired boiler/thermic fluid heater (without resin plant)
- 52) Potable alcohol (IMFL) by blending, bottling of alcoholic products (capital investment on plant & machinery < r 1 crore)
- 53) Power press
- 54) Printing ink manufacturing
- 55) Printing or etching of glass sheet using hydrofluoric acid
- 56) Producer gas plant using conventional up-drift coal gasification (linked to rolling mills, glass and ceramic industry, refractories for dedicated fuel supply)
- 57) Pulverisation of bamboo and scrap wood
- 58) Repairing of electric motor & generator
- 59) Reprocessing of waste plastic (excluding PVC)
- 60) Rice mill less than 10 TPD & rice hullers
- 61) Rolling Mill (oil or gas fired) and cold Rolling mill
- 62) Saw mill
- 63) Seasoning of wood in steam heated chamber
- 64) Silk screen printing, Saree printing by wooden blocks
- 65) Spice grinding (> 20 HP motor)
- 66) Spray painting, paint baking, paint stripping
- 67) Tamarind powder manufacturing
- 68) Tea processing
- 69) Thermocol manufacturing
- 70) Thermometer making
- 71) Transformer repairing/manufacturing
- 72) Tyres and tubes vulcanization/hot retreading
- 73) Wire drawing & Wire netting