

Annexure I

CATEGORISATION OF INDUSTRIES

List of Industries under "SPECIAL RED" Category

1. Acid lead batteries including lead plate casting, charging of acid lead battery (more than 10 batteries per day)
2. All mining activities including queries
3. Aluminium smelter
4. Asbestos and asbestos-based industries
5. Basic drug & pharmaceutical (excluding formulation)
6. Calcium carbide manufacturing
7. Cast iron foundry
8. Cement (excluding simple grinding)
9. Chemical, petrochemical and electrochemical, manufacture (including distillation) of mineral acids such as Sulphuric acid, Nitric acid, Hydrochloric acid, Phosphoric acid etc. and their salts, manufacture of alum
10. Chlorates, perchlorates and peroxides
11. Chlorine, fluorine, bromine, iodine and their compounds
12. Chloro alkali
13. Coal washery & mineral beneficiation
14. Coke making, coal liquefaction, coal tar distillation, processing of coal tar distillate or fuel gas making, coke briquetting (excluding sun drying), calcined petroleum coke manufacturing
15. Copper smelter
16. Dichromate and chromates & basic chrome sulfate
17. Distillery including fermentation industry (including manufacture of yeast & beer)
18. Dyes and dye-intermediates
19. Electroplating operations
20. Explosives including detonators, fuses etc. & their storage
21. Ferrous & Non-ferrous metal extraction (different furnaces & smelting), refining, casting, forging (with coal fired boilers), alloy making etc.
22. Ferro Alloys manufacturing industries.
23. Fertiliser (Basic) (excluding granulation & formulation only)
24. Fly ash exporter, importer, transport through pipeline by pneumatic pressure and direct loading to the barge.
25. Glass and ceramics (excluding tile manufacturing) using coal fired kiln
26. Hazardous waste/Bio-medical waste disposal facilities
27. Hydrocyanic acid and its derivatives
28. Incineration plants

29. Industry or process involving metal treatment or process such as pickling, surface coating (excluding spray, manual brush, paint baking, paint stripping), heat treatment (only cyaniding), phosphating, galvanising, anodising etc.
30. Integrated textile mills (processing involving scouring, bleaching, dyeing, printing or any effluent/ emission generating process) and dyeing of other fabrics
31. Iron and Steel (involving processing from ore / scrap / integrated steel plants) including coke plants and steel products involving use of any of the equipment such as blast furnaces, open hearth furnace, induction furnace or arc furnace etc.
32. Isolated storage of hazardous chemicals (as per schedule of Manufacture, Storage & Import of Hazardous Chemicals Rules, 1989), etc.
33. Lead smelting, refining and manufacture of its oxides
34. Non-alcoholic beverages (soft drinks) and only bottling of alcoholic products (capital investment on plant & machinery > Rs. 1 crore)
35. Oil refinery (Mineral oil or Petro refineries)
36. Paints and varnishes (excluding units with only blending & mixing)
37. Pesticides (including formulation)
38. Petrochemicals (manufacture of and not merely use of as raw material)
39. Phenolic products
40. Phosphorous and its compounds
41. Pigments and intermediates
42. Power plants (including hydel power, thermal power, nuclear power etc.) (excluding Diesel Generator sets and captive power plant)
43. Power plant (captive)
44. Processes involving chlorinated hydrocarbons
45. Printing or etching of glass sheet using hydrofluoric acid (large scale)
46. Pulp & Paper (excluding paper manufacturing by hydropulping and excluding manufacture of Straw board, Gray board & Duplex board)
47. Pulp & paper involving hydropulping with de-inking /bleaching activity.
48. PVC granules from PVC waste
49. Radioactive elements
50. Reprocessing of spent solvent to primary synthetic paints and primer
51. Rolling mill (hot) (coal fired)
52. Rubber chemicals
53. Ship breaking activity
54. Slaughter houses and meat processing units, animal bone rendering plant
55. Sugar
56. Synthetic & natural fibre including rayon, tyre cord, polyester filament yarn & raw woolen, raw silk, cellophane paper, cellulose nitrate
57. Synthetic resins
58. Synthetic rubber
59. Tanneries
60. Vegetable oils & edible oils including solvent extracted oils, hydrogenated oils
61. Waste oil processing (any method)
62. Zinc smelter

List of Industries under "ORDINARY RED" Category

1. Acid slurry (sulphonation)
2. Airports (siting restriction will not applicable)
3. Bitumen processing and products
4. Bone Mill
5. Coal Bed methane exploration
6. Composite woolen mill including dewaxing of raw wool and raw silk
7. Ceramic colour manufacturing (using boiler)
8. Citronilla oil (herbal aromatic chemical) manufacturing.
9. Cleaning/ washing of old PVC & MS drums using mineral tarpine oil, kerosene oil & water
10. Dairy and dairy products (integrated project, capital investment on plant & machinery > Rs. 1 crore)
11. Dry coal processing/Mineral processing industries like ore sintering, pelletization, grinding and pulverisation etc.
12. Earthen potteries & tile manufacturing (using coal or wood fired kiln)
13. Electric lamp (bulb) manufacturing (large scale)
14. Fertilizer (formulation and granulation only)
15. Fibre glass and glass wool production
16. Filling / refilling of CO2 gas
17. Food & food processing including fruits & vegetable processing (with capital investment on plant & machinery > Rs. 1 crore)
18. Glue (excluding glue from starch), gelatine and synthetic adhesives
19. Gold and Silver smithy (purification with acid, smelting operation and sulfuric acid polishing operation) (using more than 1 litre of Sulphuric Acid / Nitric Acid per month)
20. Grinding of rice husk , ground nut , soya waste , coconut shell
21. Heat treatment using coal & wood fired furnace(excluding cyaniding)
22. Health care establishment
23. Handicrafts products like terracotta work, Sculptures (plaster of paris & fibre glass)
24. Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black etc.
25. Industrial or inorganic gases (excluding medical oxygen)
26. Jute processing with dyeing
27. Lime manufacturing
28. Lubricating oils, greases or petroleum based products (excluding blending at normal temperature)
29. Magnesium sulphate
30. Manufacturing & reprocessing of PVC granules and manufacturing of reprocessed PVC products
31. Manufacturing of silica gel with furnace
32. Manufacturing of tooth-powder, toothpaste, talcum powder and other cosmetic items (large & medium scale)
33. Manufacturing of pasted veneers using boiler or Thermic Fluid Heater
34. Manufacturing of umbrella (including manufacturing of metallic handle and sticks)
35. Manufacturing of optical lenses (using furnace other than electric furnace)
36. Manufacturing of bio-diesel from vegetable oil by trans-esterification process.
37. Manufacturing of mica based electrical insulating products using thinners/solvents
38. Manufacturing of woolen blanket from woolen fiber

39. Manufacturing of safety match
40. Photographic films and chemicals
41. Plyboard manufacturing (including veneer & laminate) with coal or waste wood fired boiler / thermic fluid heater (with captive resin manufacturing plant)
42. Processing of animal hoofs, horns and other body parts
43. Processing of sodium silico-fluoride/sodium fluorosilicate
44. Reclamation of rubber, manufacture of rubber solution containing mineral naphtha & rubber wastes, rubber based adhesives, industrial adhesives using paraffin wax & resin powder (for polishing leather goods, shoes etc.)
45. Refractories
46. Rubber goods industry (with boiler)
47. Shellac processing
48. Spice grinding (> 20 HP motor)
49. Stone crushing
50. Straw board, gray board, duplex board and paper manufacturing by hydropulping and with or without using boiler
51. Surgical and medical products involving prophylactics and latex
52. Synthetic detergent (excluding formulation) and soap (with steam boiling)
53. Tyres and tubes vulcanization/hot retreading (using coal fired boiler)/moulding
54. Testing of animals like rats, mice, guinea pig etc. for research activities (req. authorization as per Bio-medical waste (M & H) Rules, 1998 and its amendment thereafter)
55. Wood charcoal manufacturing and processing
56. Versatile master batch / polymer compound using talc, calcite, pigment, additives, polymer etc. as raw material.

List of Industries under "ORANGE" Category

1. Almirah Manufacturing (not permitted in municipal areas of West Bengal)
2. Aluminium and copper extraction from scrap using oil fired furnace
3. Automobile servicing, repairing and painting (excluding only fuel dispensing)
4. Ayurvedic and Homeopathic medicine (with boiler)
5. Bakery & confectionery [(a) with production capacity < 10 tpd with coal & wood fired oven and (b) all units with production capacity > 10 tpd]
6. Bleaching of fabrics, yarn
7. Brick-fields (excluding fly ash brick manufacturing using lime process)
8. Cashew nut processing
9. Cement grinding (excluding coal fired drier)
10. Cement products like pipe, pillar, concrete sleeper using oil fired boiler.
11. Chilling plant, cold storage and Ice making
12. Chira mill
13. Chanachur and laddoo from puffed and beaten rice (muri and chira) using husk fired oven
14. Coffee seed processing
15. Coke briquetting (sun drying)
16. Cotton spinning and weaving (medium and large scale)
17. Dismantling of rolling stocks (wagons/coaches)

18. Dry cell battery (excluding manufacturing of electrodes)
19. Digital printing on PVC cloth
20. Engineering and fabrication units
21. Facility of handling, storage and transportation of food grains in bulk.
22. Fire works manufacturing and storage
23. Fish feed, poultry feed and cattle feed
24. Fish processing and packaging (excluding chilling of fish)
25. Foam manufacturing
26. Food & food processing including fruits & vegetable processing (capital investment on plant & machinery > Rs. 10 lakhs but < Rs. 1 crore)
27. Forging of ferrous & non-ferrous metal (using oil or gas fired boilers)
28. Gravure printing
29. Grill Manufacturing (not permitted in municipal areas of West Bengal)
30. Glass, ceramic, earthen potteries and tile manufacturing using oil or gas fired kiln
31. Hardware manufacturing for computer and other information technology instruments
32. Heat treatment using oil fired furnace (excluding cyaniding)
33. Hotels & Restaurants (capital investment on land, building, plant & machinery > Rs. 30 lakhs)*
34. Housing complexes with more than or equal to 20000 sq. meter total built up area**
35. Husking mill
36. Ice cream
37. Infrastructure development project with capital investment more than Rs. 5 crores
38. Jute processing without dyeing
39. Liquid floor cleaner , black phenyl , liquid soap , glyserol monostearate manufacturing.
40. Manufacture of mirror from sheet glass
41. Manufacturing of iodized salt from crude/raw salt
42. Manufacturing of mosquito repellent coil
43. Mechanized laundry using oil fired boiler
44. Modular wooden furniture from particle board , MDF, swan timber etc.
45. Organic nutrients (excluding simple mixing)
46. Paint blending & mixing (Ball mill)
47. Pharmaceutical formulation (capital investment plant & machinery > Rs. 10 lakhs) and for R&D purpose(for sustained release/extended release of drugs only and not for commercial purpose)
48. Ply-board manufacturing (including vineer & laminate) with oil fired boiler/ thermic fluid heater (without resin plant)
49. Poultry, hatchery, piggery (capital investment on land, building, plant & machinery > Rs. 10 lakhs)
50. Power press
51. Pulverization of bamboo and scrap-wood
52. Printing ink manufacturing
53. Printing or etching of glass sheet using hydrofluoric acid (small scale)
54. Producer gas plant using conventional up-drift coal gasification(linked to rolling mills , glass and ceramic industry, refractories for dedicated fuel supply)(site specific, suitability of the site will be judged by the R.O after site inspection)
55. Puffed rice (muri) (using husk or coal fired chullah or vatti)
56. Reprocessing of waste plastic (excluding PVC)

57. Rice mill & rice hullers
58. Rolling Mill (oil or gas fired) and cold Rolling mill
59. Saw mill
60. Seasoning of wood in steam heated chamber.
61. Silk screen printing
62. Spray painting, paint baking, paint stripping
63. Storage of hides and processing of tallow
64. Synthetic detergents formulation (capital investment on plant & machinery > Rs. 5 lacs)
65. Tea processing
66. Tobacco products including cigarettes and tobacco processing
67. Tyres and tubes vulcanization/hot retreading (using oil or gas fired boiler)
68. Wire drawing (cold process) and bailing straps
69. Wire netting

* In addition to mandatory CFE/CFO in orange category any project with total built up area more than or equal to 20000 sq. m. shall also attract EIA notification under "Building and Construction projects" section.

** If total built up area is more than or equal to 20000 sq.m then the project shall attract EIA notification under "Building and Construction projects" section and structure of application fees for Housing Complexes etc table is referred for determining CFE/CFO fees for such projects.

List of Industries under "GREEN" Category

1. Acid lead battery (up to 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-motorized vehicles
5. Automobile fuel outlet (only dispensing)
6. Ayurvedic and Homeopathic medicine (without boiler)
7. Bakery & Confectionery (with production capacity < 10tpd with oil, gas or electrical oven)
8. Bailing (hydraulic press) of waste papers
9. Biomass Briquettes (sun drying) without using toxic or hazardous wastes
10. Biscuit trays etc. from rolled PVC sheet (using automatic vacuum forming machine)
11. Blending and packaging of Tea
12. Block making for printing without foundry (excluding wooden block making)
13. Brass & Bell metal utensils manufacturing from circle (without re-Rolling facility)
14. Candy
15. Cardboard or corrugated box and paper products (excluding paper or pulp manufacturing and without using boiler)
16. Carpet weaving
17. Cement products like pipe, pillar, jafri, well ring etc. (should be done under closed covered shed to control cement dust spreading)
18. Ceramic color manufacturing (not using boiler and wastewater recycling process)
19. Chalk making from plaster of paris
20. Chilling plant and Ice making without use of ammonia
21. Coated electrode manufacturing

22. Color/Black & White studio
23. Compact disc, computer floppy & cassette manufacturing
24. Core CO2 manufacturing
25. Cotton and woolen hosiery making
26. Cotton spinning & weaving (small scale)
27. Cutting, sizing and polishing of marble stones
28. Decoration of ceramic cups & plates by electric furnace
29. Dairy and dairy products (small scale) (capital investment on plant & machinery < Rs. 1 crore)
30. Dal Mills
31. Diesel Generator sets (15 KVA and above) for residential buildings, commercial buildings and health-care organization
32. Diesel pump repairing & servicing
33. Distilled water
34. Electric lamp (bulb) manufacturing (small scale)
35. Electrical & electronic goods manufacturing
36. Electronic equipment assembling
37. Flavored betel nut production.
38. Fertilizer (granulation and formulation only)
39. Flour mills (dry process)
40. Fly ash bricks manufacturing (lime process)
41. Food & food processing including fruits & vegetable processing (capital investment on plant & machinery < Rs.10 lakhs)
42. Fountain pen manufacturing
43. Glue from starch
44. Glass, ceramic, earthen potteries and tile manufacturing using electrical kiln or not involving kiln
45. Glass putty and sealant
46. Glass ampules & vials making from glass tubes.
47. Groundnut decorticating (dry)
48. 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)
49. Handloom weaving (without dyeing and bleaching operation)
50. Hotel & Restaurants (capital investment land, building, plant & machinery < Rs.30 lakhs) and Boarding & lodging house
51. Insulation and other coated papers (excluding paper or pulp manufacturing) manufacturing
52. Jobbing and machining
53. Laboratory-wares
54. Leather cutting and stitching (more than 10 machines and using motor)
55. Leather footwear and leather products (excluding tanning and hide processing) (except cottage scale)
56. Lubricating oils, greases or petroleum based products (only blending at normal temperature)
57. Manufacturing of ferrous and non-ferrous metal product without using heat treatment (not generating any effluent or emission)
58. Manufacturing of pasted veneers without using boiler or Thermic Fluid Heater or by sundrying
59. Manufacturing of metal caps and containers
60. Manufacturing of shoe brush & wire brush

61. Manufacturing of tooth-powder, toothpaste, talcum powder and other cosmetic items (small scale)
62. Manufacturing of optical lenses (using electrical furnace)
63. Medical oxygen
64. Manufacturing of silica gel (without furnace)
65. Mineralized water
66. Manufacturing of coir items from coconut husk
67. Non-alcoholic beverages (soft drinks) and only bottling of alcoholic products (capital investment on plant & machinery < Rs. 1 crore)
68. Oil mill ghani & extraction (no hydrogenation/refining)
69. Organic and inorganic nutrients (by simple mixing)
70. Organic manure (manual mixing).
71. Paints and varnishes (mixing and blending) (without ball mill)
72. Paper pins and U-clips
73. Pharmaceutical formulation (capital investment on plant & machinery < Rs.10 lakhs)
74. Phenyl manufacturing
75. Polythene & plastic processed products manufacturing (excluding manufacturing & reprocessing of PVC granules and manufacturing of reprocessed PVC products and reprocessing of waste plastic)
76. Poultry, hatchery, piggery (capital investment on land, building, plant & machinery < Rs. 10 lakhs)
77. Power looms (without dyeing and bleaching)
78. Printing press
79. Puffed rice (muri) (using oil, gas or electrical heating system)
80. Reprocessing of waste cotton (Dhania mill).
81. Repacking of chemicals in small container
82. Rope (Cotton & Plastic)
83. Rubber goods industry (without boiler)
84. Scientific and mathematical instruments manufacturing
85. Soap manufacturing (without steam boiling)
86. Solar power generation through solar photo-voltaic cell
87. Spice grinding (< 20 HP motor)
88. Steel furniture without spray painting
89. Steeping and processing of grains
90. Supari (Betel nut) grinding
91. Surgical and medical products not involving effluent/emission generating processes
92. Sweet shop
93. Synthetic detergent formulation (capital investment on plant & machinery < Rs. 5 lakhs)
94. Tea garden only
95. Teflon based products
96. Thermocol manufacturing
97. Thermometer making
98. Toys (only electronic & mechanical) manufacturing
99. Transformer repairing/manufacturing (should not be allowed in congested areas)
100. Tyres and tubes retreading (without boiler)
101. Veneer, laminate (without boiler and thermic fluid heater)

102. Washing of used sand by hydraulic discharge
103. Washing, chilling of fish and packaging only
104. Water softening and demineralised plant.

List of Industries under “EXEMPTED” Category

1. Agarbati
2. Agarbati packaging
3. Assembly of domestic electrical appliances, servicing & repairing
4. Atta Chakkis (wheat grinding)
5. Auto Emission Testing Centres
6. Ball pen refill
7. Bamboo and Cane products (only dry operation)
8. Bio-gas Plant
9. Black smithy (should not be allowed in congested areas)
10. Book Binding
11. Cable TV network
12. Candles manufacturing
13. Carpentry and wooden furniture making (excluding saw mill)
14. Coir manufacturing
15. Cushions/pillows & quilts manufacturing
16. Cyber café
17. Diesel Generator sets (< 15 KVA) sets for residential buildings, commercial buildings and health care organization
18. Gold and silver smithy (excluding purification/ polishing with any acid and smelting operation)
19. Handicraft products like conch-shell, coconut-shell, dokra, cane and bamboo products, baluchari saree, stone carving, wood carving, batik, sola work etc.
20. Handloom weaving (without dyeing & bleaching)
21. Handmade paper
22. Hardware assembling for IT industries
23. Housing complex with less than 20000 sq. meter total built up area
24. House hold decorative (interior & exterior) involving colored artificial flowers, sola, palms jute etc. (without dyeing & bleaching of flowers and other items)
25. Infrastructure development project with capital investment Rs. 5 crores or less
26. Leather cutting and stitching (not more than or equal to 10 machines and without using motor)
27. Leather footwear & leather products (excluding tanning & hide processing) (cottage scale only)
28. Manual brass painting
29. Manufacture of steel trunks & suitcases
30. Mashroom plantation and spawn
31. Manufacturing of umbrella (only assembling)
32. Manufacturing and packaging of ‘alta’ and packaging of ‘sindoor’
33. Musical instrument manufacturing
34. Optical frames
35. Optical lens manufacturing (without furnace)

36. Photo framing
37. Plant tissue culture laboratory
38. PP & PE bag (only cutting and sealing)
39. Radio assembling servicing & repairing work
40. Repairing & servicing of bicycles, baby carriage and other non-motorized vehicles
41. Repairing & servicing of electronic equipment
42. Shoelace manufacturing
43. Soap (handmade)
44. Soft toys, wooden toys manufacturing
45. Software development for information & technology industry
46. Sports goods manufacturing
47. Tank calibration centre
48. Tailoring & garment stitching/garment & Apparel manufacturing
49. Weigh bridge (not manufacturing)
50. Wooden block making for printing
51. Xerox & Photocopying
52. Zari embroidery work

