

Polluting Industries

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There are 64 types (listed below) of polluting industries/industrial activities, which are classified as "Red Category" industries on the basis of their emissions/discharges of high/significant polluting potential or generating hazardous wastes. These include large, medium as well as small-scale industries.

Industries identified by Ministry of Environment & Forests, Govt. of India as heavily polluting and covered under Central Action Plan, viz.;

Distillery including Fermentation Industry

1. Sugar (excluding Khandsari)
2. Fertiliser
3. Pulp & Paper (Paper manufacturing with or without pulping)
4. Chlor Alkali
5. Pharmaceuticals (Basic) (excluding Formulation)
6. Dyes and Dye Intermediates
7. Pesticides (Technical) (excluding Formulation)
8. Oil Refinery (Mineral oil or Petro refineries)
9. Tanneries
10. Petrochemicals (manufacture of and not merely use of raw material)
11. Cement
12. Thermal Power Plants
13. Iron & Steel (Involving processes from ore/scrap, and Integrated Steel Plants)
14. Zinc Smelter
15. Copper Smelter
16. Aluminum Smelter

Industries manufacturing following products or carrying out following activities:

18. Tyres and Tubes Vulcanisation/ Retreading/molding
19. Synthetic rubber
20. Glass and fibre glass production and processing
21. Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black etc.
22. Paints and Varnishes (excluding blending/mixing)
23. Pigments and intermediates
24. Synthetic resins
25. Petroleum products involving storage, transfer or processing

26. Lubricating oils, greases or petroleum – based products
27. Synthetic fibre including rayon, tyre cord, polyester filament yarn
28. Surgical and medical products involving prophylactics and latex.
29. Synthetic detergent and soap
30. Photographic films and chemicals
31. Chemical, petrochemical and electrochemicals including manufacture of acids such as Sulphuric Acid, Nitric Acid, Phosphoric Acid etc.
32. Industrial or inorganic gases
33. Chlorates, perchlorates and peroxides
34. Glue and gelatine
35. Yarn and Textile processing involving scouring, bleaching, dyeing, printing or any effluent/emission generating process
36. Vegetable oils including solvent extracted oils, hydrogenated oils.
37. Industry or process involving metal treatment or process such as pickling, surface coating, paint baking, paint stripping, heat treatment, phosphating or finishing etc.
38. Industry or process involving electroplating operations
39. Asbestos and asbestos based industries
40. Slaughter houses and meat processing industries
41. Fermentation industry including manufacture of yeast, beer etc.
42. Steel and steel products including coke plants involving use of any of the equipment's such as blast furnaces, open hearth furnace, induction furnace or an arc furnace etc. or any of the operations or processes such as heat treatment, acid pickling, rolling or galvanising etc.
43. Incineration plants
44. Power generating plants (excluding D.G. Sets)
45. Lime manufacturing
46. Tobacco products including cigarettes and tobacco processing
47. Dry coal processing/Mineral processing industries like ore sintering, palletisation etc.
48. Phosphate rock processing plants
49. Coke making, coal liquefaction, coaltar distillation or fuel gas making
50. Phosphorous and its compounds
51. Explosives including detonators, fuses etc.
52. Fire crackers
53. Processes involving chlorinated hydrocarbons
54. Chlorine, Fluorine, bromine, iodine and their compounds
55. Hydrocyanic acid and its derivatives
56. Milk processing and dairy products (Integrated Project)
57. Industry or process involving foundry operations
58. Potable alcohol (IMFL) by blending or distillation of alcohol
59. Anodizing
60. Ceramic/refractories
61. Lead processing and battery reconditioning & manufacturing including lead smelting
62. Hot mix plants

63. Hospitals

64. Mining and ore-benificiation

Source: <http://www.cpcb.nic.in/pollutingintro1.htm>