

# CLASSIFICATION OF INDUSTRIAL / MINING PROJECT

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## 1. Industrial projects:

| Investment in Rs.                          | Green | Orange | Red |
|--|-------|--------|-----|
| Up to 5.0 Crores                           | C     | C      | C   |
| More than 5.0 Crores and up to 50.0 Crores | C     | C      | B   |
| More than 50.0 Crores                      | C     | B      | A   |

## 2. Mining projects:

| Mining Projects   | Category |
|---|----------|
| Other than Coal, Bauxite, Iron, Manganese, Limestone, Dolomite and Chromite | B        |
| Coal, Bauxite, Iron, Manganese, Limestone, Dolomite and Chromite            | A        |

## RED

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

1. Aluminium smelter
2. Cement.
3. Chlor alkali.
4. Copper smelter
5. Distillery including Fermentation industry
6. Dyes and Dye-intermediates.
7. Fertiliser
8. Iron and Steel (Involving processing from ore/ scrap/ Integrated steel plants).
9. Oil refinery (Mineral oil or Petro refineries).
10. Pesticides (Technical) (excluding formulation).
11. Petrochemicals (Manufacture of and not merely use of as raw material)
12. Pharmaceuticals (Basic) (excluding formulation).
13. Pulp & Paper (Paper manufacturing with or without pulping).
14. Sugar (excluding Khandsari).
15. Tanneries.
16. Thermal power plants.
17. Zinc smelter

II) Industries manufacturing following products or carrying out following activities:

18. Anodizing.
19. Asbestos and asbestos-based industries
20. Automobile manufacturing / assembling
21. Ceramic / refractories.
22. Chemical, petrochemical and electrochemical including manufacture of acids such as sulphuric Acid, Nitric Acid. Phosphoric Acid etc.
23. Chlorates, perchlorates and peroxides
24. Chlorine, fluorine, bromine, iodine and their compounds.
25. Coke making, coal liquefaction, coaltar distillation or fuel gas making
26. Common Effluent Treatment Plant
27. Dry coal processing / Mineral processing industries like ore sintering, palletization etc
28. Explosive including detonators, fuses etc.
29. Fermentation industry including manufacture of yeast, beer etc.
30. Fire crackers
31. Foundries
32. Glass and fibre glass production and processing (excluding moulding)
33. Glue and gelatine.
34. Heavy Engineering
35. Hospitals.
36. Hot Mix plants
37. Hydrocyanic acid and its derivatives.
38. Incineration plants.
39. Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black etc.
40. Industrial or inorganic gases namely (a) Chemical Gases: Acetylene Hydrogen, Chlorine, Fluorine, Ammonia, Sulphur dioxide, Ethylene. Hydrogen Sulphide. Phosphine. (b) Hydrocarbon Gases: Methane. Butane. Ethane. Propane.
41. Industry or process involving electroplating operations.
42. Industry or process involving foundry operations.
43. Industry or process involving metal treatment or process such as pickling ^ paint stripping, heat treatment, phosphating or finishing etc.
44. Lead re-processing & manufacturing including lead smelting.
45. Lime manufacturing.
46. Lubricating oils, greases or petroleum-based products
47. Milk processing and dairy products (Integrated Project).
48. Mining and ore-beneficiation.

49. Organic Chemical manufacturing.
50. Parboiled rice mills.
51. Paints and varnishes (excluding blending / mixing).
52. Petroleum products manufacturing & oil / crude oil / residues reprocessing
53. Phosphate rock processing plants.
54. Phosphorous and its compounds.
55. Photographic films and chemicals.
56. Pigments and intermediates.
57. Potable alcohol (IMFL) by blending or distillation of alcohol.
58. Power generating plants (excluding D G Sets).
59. Processes involving chlorinated hydrocarbons.
60. Ship-breaking.
61. Slaughter houses and meat processing units.
62. 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 arc furnace etc. or any of the operations or processes such as heat treatment, acid pickling, rolling or galvanizing etc.
63. Stone Crushers
64. Surgical and medical products involving prophylactics and latex.
65. Synthetic detergent and soap (not covered under Orange and Green list)
66. Synthetic fibre including rayon, tyre cord, polyester filament yarn.
67. Synthetic resins.
68. Synthetic rubber excluding moulding.
69. Tobacco products including cigarettes and tobacco processing.
70. Vegetable oils including solvent extracted oils, hydro-generated oils.
71. Yarn and textile processing involving scouring, bleaching, dyeing, printing or any effluent / emission generating process.
72. DG set of capacity 15 KVA or more under Air (PCP) Act, 1981.
73. Building and construction projects having built up area  $\geq$  20,000 sq mt and  $<$ 150000 sq mt.
74. Townships and area development project covering an area  $\geq$  50 Ha and or built up area  $\geq$  1,50,000 sq. mtrs.
75. River valley project (irrigation / hydro power projects).
76. Nuclear power projects and processing of nuclear fuel.
77. Highway projects.
78. Airports.
79. Isolated storage and handling of hazardous chemicals as per threshold planning quantity indicated in column 3 of the schedule 2&3 of MSIHC Rules 1989 as amended in 2000.
80. All transportation pipelines (oil & gas including crude and refinery / petrochemical products / mineral slurry).
81. Industrial estates / parks / complexes / areas, Export Processing Zones (EPZs), Special

Economic Zones (SEZs), Biotech Parks, leather complexes.

82. Common hazardous waste, treatment, storage and disposal facilities (TSDFs).
83. Dumping of ash/char/slog/other non-hazardous industrial waste outside factory premises (including mine void and low laying area filling).
84. Common Municipal Solid waste Management Facility.
85. Ports, Harbours.
86. Aerial ropeways.
87. Granite polishing units.
88. Fishing harbor.
89. Common effluent treatment plant / common sewage treatment plant.
90. Coal / Coke briquettes plant.
91. Ship building, rig manufacturing and assembling.
92. Any other project which does not find a place here but comes under the schedule of Environment Impact Assessment Notification, 2006
93. Railway siding and mineral stack yard.

## **ORANGE**

1. Automobile servicing and repairs stations.
2. Brick manufacturing.
3. Cashew nut processing plants (dry process).
4. Cement clinker grinding units.
5. Cotton ginning, spinning and weaving.
6. Fish processing.
7. Flour mills (excluding Domestic Aatta Chakki)
8. Food additives, nutrients and flavours.
9. Food including fruits and vegetable processing.
10. Fragrances and industrial perfumes
11. Hotels and restaurants.
12. Instant tea / coffee, coffee processing.
13. Khandsari sugar
14. Laboratory chemicals involving distillation, purification process
15. Laboratory-wares
16. Lead-acid battery reconditioning / assembling
17. Malted food.
18. Manufacture of mirror from sheet glass and photoframing
19. Manufacture of synthetic detergent intermediates (other than formulated synthetic detergent products).

20. Manufacture of soaps (process generating trade effluent).
21. Metal treatment or process involving surface coating and paint baking
22. Non-alcoholic beverages (soft drinks)
23. NPK Fertilisers / Granulation.
24. Organic nutrients
25. Pesticides/Insecticides/ Fungicides/ Herbicides/ Agrochemical formulation
26. Petroleum products/ crude oil storage and transfer excluding crosscountry pipeline
27. Pharmaceuticals formulation
28. Plywood and Board manufacturing
29. Pre-boiled rice mills.
30. Pulping and fermenting of coffee beans.
31. Pulverizing units.
32. Surgical and medical products not involving effluent / emission generating processes.
33. Tyres and tubes vulcanization, vulcanization, retreading moulding.
34. Wire drawing (cold process) and bailing straps.
35. Fish landing centre
36. Chuda mill.

## **GREEN**

- I) Industries in Small scale. Cottage/ Village category suggested under notification of the State Government for issuance of simplified NOC/ Consent from State Pollution Control Board
- II) All those industries or processes which are not covered under the "Red" and/ or "Orange" category. An illustrative list is provided below:
  1. Apparel making
  2. Assembly of air coolers, conditioners
  3. Assembly of bicycles, baby carriage and other small vehicles non-motorised
  4. Atta-chakkies.
  5. Bakery products, biscuits confectionery.
  6. Bamboo and cane products (only dry operations)
  7. Block making for printing.
  8. Bulk Cement terminal.
  9. Cardboard or corrugated box and paper products (Paper or pulp manufacturing excluded)
  10. Carpet weaving.
  11. Chilling plants and cold storage.
  12. Cotton and woolen hosiery.

13. Dal mills.
14. Electronic and electrical goods.
15. Electronics equipment (Assembly)
16. Footwear (rubber and PVC)
17. Fountain pens
18. Garments stitching, tailoring
19. Gold and silver smithy.
20. Gold and silver thread zari work.
21. Groundnut decorticating (dry).
22. Ice-cream or Ice-making
23. Industrial Gases, namely. Air, Oxygen, Nitrogen, Argon, Helium, Carbon Dioxide, Nitrous Oxide
24. Insulation and other coated papers (Paper or pulp excluded). manufacturing
25. Jobbing and machining.
26. Leather footwear and leather products excluding tanning and hide
27. processing
28. Light engineering
29. Manufacture of formulated synthetic detergent products.
30. Manufacture of soaps involving process without generation of trade
31. Effluent (saponification of fats and fatty acids only).
32. Medical and surgical instruments
33. Mineralised water.
34. Musical instruments manufacturing
35. Oil ginning/expelling (no hydrogenation/ refining)
36. Optical frames.
37. Paint (by mixing process only)
38. Paper pins and U-clips.
39. Plastic & PVC processed goods
40. Polythene, plastic and P VC goods through injection/ extrusion moulding
41. Power looms/ handlooms (without dyeing & bleaching)
42. Printing press.
43. Radio assembling
44. Rice millers.
45. Rope (cotton and plastic).
46. Rubber goods industry
47. Scientific and mathematical instruments
48. Shoelace manufacturing

49. Sports goods
50. Steeping and processing of grains.
51. Supari (Betelnut) and masala grinding
52. Thermometer making
53. Toys
54. Wasting of used sand by hydraulic discharge
55. Water softening and de-mineralized plants.
56. Fly ash based product manufacturing unit.

### **NON-POLLUTING INDUSTRIAL ACTIVITIES (exemption from Consent)**

1. Tailoring / garment making
2. Handloom weaving.
3. Furniture (wooded & steel)
4. Assembly of domestic electrical and electronic appliances /equipment
5. Candles
6. Carpentry (excluding saw mill)
7. Manufacture of steel trunks and suit cases

Industries which do not fall in any of the above mentioned categories (i.e. Red/ Orange/ Green/ Non-polluting), decision with regard to their categorization will be taken by the State Pollution Control Board.