

Annexure-I

List of Red Category of Industrial Sectors/Projects

| Sr. No. | Industrial Sector/Project |
|----------------|---|
| 1. | Isolated storage of hazardous chemicals (as per schedule of manufacturing, storage of hazardous chemicals rules ,1989 as amended) |
| 2. | Automobile Manufacturing (integrated facilities) |
| 3. | Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 - Items namely - Spent cleared metal catalyst containing copper,, Spent cleared metal catalyst containing zinc,, |
| 4. | Manufacturing of lubricating oils ,grease and petroleum based products |
| 5. | DG Set of capacity \geq 5 MVA |
| 6. | Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black |
| 7. | Lead acid battery manufacturing(excluding assembling and charging of lead-acid battery in micro scale) |
| 8. | Phosphate rock processing plant |
| 9. | Power generation plant [except Wind and Solar renewable power plants of all capacities and Mini Hydel power plant of capacity <25MW] |
| 10. | Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 - Items namely - Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt, |
| 11. | Processes involving chlorinated hydrocarbons |
| 12. | Sugar (excluding Khandsari) |
| 13. | Fibre glass production and processing (excluding moulding) |
| 14. | Fire crackers manufacturing and bulk storage facilities |
| 15. | Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 - Items namely - Dismantlers Recycling Plants --Components of waste electrical and electronic assembles comprising accumulators and other batteries included on list A, mercury-switches, activated glass cullets from cathode-ray tubes and other activated glass and PCB-capacitors, or any other component contaminated with Schedule 2 constituents (e.g. cadmium, mercury, lead, polychlorinated biphenyl) to an extent that they exhibit hazard characteristics indicated in part C of this Schedule. |
| 16. | Milk processes and dairy products (large, medium scale and integrated |

| Sr. No. | Industrial Sector/Project |
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| | projects) |
| 17. | Phosphorous and its compounds |
| 18. | Pulp & Paper (waste paper based without bleaching process to manufacture Kraft paper) |
| 19. | Coke making , liquefaction, coal tar distillation or fuel gas making |
| 20. | Manufacturing of explosives, detonators, fuses including management and handling activities |
| 21. | Manufacturing of paints varnishes, pigments and intermediate (excluding blending/mixing) |
| 22. | Organic Chemicals manufacturing |
| 23. | Airports and Commercial Air Strips having discharge of 100 KLD or more |
| 24. | Asbestos and asbestos based industries |
| 25. | Basic chemicals and electro chemicals and its derivatives including manufacturing of acid |
| 26. | Cement |
| 27. | Chlorates, per-chlorates & peroxides |
| 28. | Chlorine, fluorine, bromine, iodine and their compounds |
| 29. | Dyes and Dye- Intermediates |
| 30. | Health-care Establishment as defined in BMW Rules, having discharge of 100 KLD or more with or without incinerator |
| 31. | Hotels having overall waste-water generation @ 100 KLD and more or having 3 star and above or having 100 rooms and above |
| 32. | Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 - Items namely - Lead acid battery plates and other lead scrap/ashes/residues not covered under Batteries (Management and Handling) Rules, 2001. [* Battery scrap, namely: Lead battery plates covered by ISRI, Code word "Rails" Battery lugs covered by ISRI, Code word "Rakes". Scrap drained/dry while intact, lead batteries covered by ISRI, Code word "rains". |
| 33. | Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 - Items namely - Integrated Recycling Plants --Components of waste electrical and electronic assemblies comprising accumulators and other batteries included on list A, mercury-switches, activated glass cullets from cathode-ray tubes and other activated glass and PCB-capacitors, or any other component contaminated with Schedule 2 constituents (e.g. cadmium, mercury, lead, polychlorinated biphenyl) to an extent that they exhibit hazard characteristics indicated in part C of this |

| Sr. No. | Industrial Sector/Project |
|----------------|---|
| | Schedule. |
| 34. | Manufacturing of glue and gelatin |
| 35. | Mining and ore beneficiation |
| 36. | Nuclear power plant |
| 37. | Pesticides (technical) (excluding formulation) |
| 38. | Photographic film and its chemicals |
| 39. | Railway locomotive work shop/Integrated road transport workshop/Authorized service centers having discharge of 100 KLD or more |
| 40. | Yarn / Textile processing involving any effluent/emission generating processes including bleaching, dyeing, printing and colouring |
| 41. | Chlor Alkali |
| 42. | Ship Breaking Industries |
| 43. | Oil and gas extraction including CBM (offshore & on-shore extraction through drilling wells) |
| 44. | Industry or process involving metal surface treatment or process such as pickling/ electroplating/paint stripping/ heat treatment using cyanide bath/ phosphating or finishing and anodizing / enamellings/ galvanizing |
| 45. | Tanneries |
| 46. | Ports and harbour, jetties and dredging operations |
| 47. | Synthetic fibers including rayon ,tyre cord, polyester filament yarn |
| 48. | Thermal Power Plants |
| 49. | Slaughter house (as per notification S.O.270(E)dated 26.03.2001)and meat processing industries, bone mill, processing of animal horn, hoofs and other body parts |
| 50. | Aluminium Smelter |
| 51. | Copper Smelter |
| 52. | Fertilizer (basic) (excluding formulation) |
| 53. | Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units |
| 54. | Pulp & Paper (waste paper based units with bleaching process to manufacture writing & printing paper) |
| 55. | Zinc Smelter |
| 56. | Oil Refinery (mineral Oil or Petro Refineries) |
| 57. | Petrochemicals Manufacturing (including processing of Emulsions of oil and water) |
| 58. | Pharmaceuticals including basis drugs |
| 59. | Pulp & Paper (Large-Agro + wood) , Small Pulp & Paper (agro based-wheat straw/rice husk) |

| Sr. No. | Industrial Sector/Project |
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| 60. | Distillery (molasses / grain / yeast based) |
| 61. | Induction Furnace clubbed with AOD Furnace |
| 62. | Synthetic detergents and soaps having waste water generation more than 100 KLD (excluding formulation) |
| 63. | Automobile servicing, repairing and painting having waste water generation more than 100 KLD (excluding only fuel dispensing) |
| 64. | Building and construction project more than 20,000 sq. m built up area having waste water generation more than 100 KLD |
| 65. | Ceramics and Refractories having coal consumption more than 12 MT per day |
| 66. | Fermentation industry including manufacture of yeast, beer, distillation of alcohol (Extra Neutral Alcohol) having discharge > 100 KLD |
| 67. | Lead metal extraction involving different furnaces through melting, refining, re-processing, casting and alloy-making |
| 68. | Industry or processes involving foundry operations having capacity of 5 MT/hr. and more. |
| 69. | Manufacturing of lead glass |
| 70. | Non-alcoholic beverages (soft drink) & bottling of alcohol/non alcoholic products having waste-water generation > 100 KLD. |
| 71. | Vegetable oil manufacturing including solvent extraction and refinery /hydrogenated oils having waste-water generation more than 100 KLD |
| 72. | Parboiled Rice Mills having waste-water generation > 100 KLD or fuel consumption > 12 MTD or both. |
| 73. | Common treatment and disposal facilities (CETP, TSDF, E-waste recycling, CBMWTF, effluent conveyance project, incinerator, solvent/acid recovery plant, MSW sanitary land fill site |
| 74. | Sewage treatment plants having capacity 100 KLD or more |
| 75. | Industrial estates/ parks / complexes/ areas/ export processing zones/ SEZs/ Biotech parks/ leather complex |
| 76. | Units engaged in the activities of handling and management of Hazardous Waste as defined in Hazardous and other Wastes (M & TM) Rules, 2016, other than those covered under any of the category of industrial sectors, such as use, treatment, processing, recovery, pre-processing, co-processing, utilization etc. of the hazardous and other wastes |
| 77. | Recycling of used lead acid batteries |