



HARYANA STATE POLLUTION CONTROL BOARD

C-11, SECTOR-6, PANCHKULA
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Office Order

Whereas the industrial sectors/ projects categorized by the Board under Red, Orange and Green Categories on the basis of directions of Central Pollution Control Board (CPCB) issued in June, 2012, for the purpose of consent management under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 were notified vide policy order Endst. No. 10195-10218 dated 07.03.2014 and published in the gazette on 15.04.2014;

Whereas the CPCB has withdrawn the earlier directions issued in June, 2012 in the context of categorization of industries as Red, Orange and Green and revised the categorization of industrial sectors/projects under Red, Orange, Green and white based upon the range of pollution index through modified directions issued under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 vide letter no. B-29012/ESS(CPA)/2015-16/8571 dated 07.03.2016;

Whereas CPCB vide above said modified directions, has directed all the State Pollution Control Boards (SPCBs) to adopt the revised criteria of categorization of industrial sectors and revised lists of Red, Orange, Green and White categories of industrial sectors as mentioned in the final report attached with the above said directions and shall be used by the SPCBs for consent management and inventorization of industries under Red, Orange, Green and White categories and siting of industries shall be only in confirming areas;

Whereas it has been provided in the final document on revised classification of industrial sectors appended with the above modified directions of CPCB that there shall be no necessity of obtaining the consent to operate for white category of industries and an intimation to concerned SPCB shall suffice and no Red category of industries shall normally be permitted in the ecologically fragile area/ protected area;

Whereas it has also be prescribed in the above said CPCB modified directions that any further addition of any new or left over industrial sector and their categorization which is not listed in the revised list of Red, Orange, Green and White industrial sectors, shall be done at the level of concerned SPCB/PCC by a committee headed by the Member Secretary and comprising of two Senior cadre Engineers/Scientists of the SPCB following revised criteria & guidelines as detailed in the attached document and no concurrence of CPCB shall normally be required;

Whereas for compliance of the above provisions a committee comprising of 2 senior officers headed by Member Secretary of the Board, was constituted vide order Endst. No. 6862 dated 03.05.2016 to identify and inventorize the state specific left over industrial sectors and their categorization which are not listed in the revised list of Red, Orange, Green and White categories industrial sectors finalized by the CPCB; and,

Whereas based on the revised criteria of categorization of industrial sectors and revised lists of Red, Orange, Green and White categories of industrial sectors as mentioned in the final report attached with the above said modified directions of the

(P.T.O)

CPCB and report and recommendations submitted by the committee on 01.07.2016, consolidated list of industrial sectors/projects covered under Red, Orange, Green and White Categories, have been finalized which is at **Annexure-I to IV** respectively and has been approved by the Competent Authority to adopt for the purpose of consent management under Water Act, 1974 and Air Act, 1981;

It is hereby ordered that in supersession of the earlier categorization of industrial sectors/ projects under Red, Orange and Green Categories done by the Board vide policy order Endst. No. 10195-10218 dated 07.03.2014 published in the gazette on 15.04.2014, the revised list of industrial sectors/projects finalized and categorized under Red, Orange, Green and White categories at **Annexure-I to IV** respectively shall be applicable in the Board for the purpose of consent management and inventorization of industries under Red, Orange, Green and White categories under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 and siting of industries shall be only in confirming areas and there shall be no necessity of obtaining the consent to operate for white category of industries and an intimation to concerned SPCB shall suffice and no Red category of industries shall normally be permitted in the ecologically fragile area/ protected area.

These orders shall come into force with immediate effect.

**Dated Panchkula, the
6th July, 2016**

**S.N. Roy, IAS
Chairman**

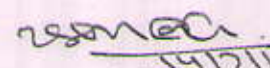
Endst. No. HSPCB/PLG-135/2016/ 546-572

Dated: 14/07/16

A copy of the above is forwarded to the following for information and necessary action:

1. The Chairman, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi in reference to his letter no. B-29012/ESS(CPA)/2015-16/8571 dated 07.03.2016. The list of industries identified in each category as per the revised categorization, operating in the State, shall be submitted separately.
2. The Director General, Industries & Commerce Department, Haryana.
3. All Branch Incharges in Head Office.
4. All Regional Officers in the field.
5. EE-IT. He is requested to make necessary amendments in the categorization of the industrial sectors in the OCMMS as per the revised list of categorization of industrial sectors as mentioned above.
6. PS to Chairman/ PA to Member Secretary for information of the officers.
7. Nodal Officer (IT) for uploading the orders on the website of the Board.

DA/As above.


Sr. Environmental Engineer-I HQ
For Chairman

Annexure-I

Final List of Red Category of Industrial Sectors

| Sr. No. | Industry Sector |
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| 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 > 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 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 Schedule. |
| 16. | Milk processes and dairy products(integrated project) |
| 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 |

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| 21. | Manufacturing of paints varnishes, pigments and intermediate (excluding blending/mixing) |
| 22. | Organic Chemicals manufacturing |
| 23. | Airports and Commercial Air Strips |
| 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) |
| 31. | Hotels having overall waste-water generation @ 100 KLD and more. |
| 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 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 |
| 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 |

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| 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 |
| 59. | Pulp & Paper (Large-Agro + wood) , Small Pulp & Paper (agro based-wheat straw/rice husk) |
| 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 |

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| 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 |



Annexure-II

Final List of Orange Category of Industrial Sectors

| Sr. No. | Industry Sector |
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| 1. | Dismantling of rolling stocks (wagons/ coaches) |
| 2. | Bakery and confectionery units with production capacity > 1 TPD. (With ovens / furnaces) |
| 3. | Chanachur and ladoo from puffed and beaten rice(muri and shira) using husk fired oven |
| 4. | Coated electrode manufacturing |
| 5. | Compact disc computer floppy and cassette manufacturing / Reel manufacturing |
| 6. | Flakes from rejected PET bottle |
| 7. | Food and food processing including fruits and vegetable processing |
| 8. | Jute processing without dyeing |
| 9. | Manufacturing of silica gel |
| 10. | Manufacturing of tooth powder, toothpaste, talcum powder and other cosmetic items |
| 11. | Printing or etching of glass sheet using hydrofluoric acid |
| 12. | Silk screen printing, sari printing by wooden blocks |
| 13. | Synthetic detergents and soaps(excluding formulation) |
| 14. | Thermometer manufacturing |
| 15. | Cotton spinning and weaving (medium and large scale) |
| 16. | Almirah, Grill Manufacturing (Dry Mechanical Process) |
| 17. | Aluminium & copper extraction from scrap using oil fired furnace (dry process only) |
| 18. | Automobile servicing, repairing and painting (excluding only fuel dispensing) |
| 19. | Ayurvedic and homeopathic medicine |
| 20. | Brickfields (excluding fly ash brick manufacturing using lime process) |
| 21. | Building and construction project more than 20,000 sq. m built up area |
| 22. | Ceramics and Refractories |
| 23. | Coal washeries |
| 24. | Dairy and dairy products (small scale) |
| 25. | DG set of capacity >1MVA but < 5MVA |
| 26. | Dry coal processing, mineral processing, industries involving ore sintering, pelletising, grinding & pulverization |
| 27. | Fermentation industry including manufacture of yeast, beer, distillation of alcohol (Extra Neutral Alcohol) |
| 28. | Ferrous and Non- ferrous metal extraction involving different furnaces through melting, refining, re-processing, casting and alloy-making |
| 29. | Fertilizer (granulation / formulation / blending only) |
| 30. | Fish feed, poultry feed and cattle feed |
| 31. | Fish processing and packing (excluding chilling of fishes) |
| 32. | Forging of ferrous and non- ferrous metals (using oil and gas fired furnaces) |

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| 33. | Formulation/pelletization of camphor tablets, naphthalene balls from camphor/ naphthalene powders. |
| 34. | Glass ceramics, earthen potteries and tile manufacturing using oil and gas fired kilns, coating on glasses using cerium fluorides and magnesium fluoride etc. |
| 35. | Gravure printing, digital printing on flex, vinyl |
| 36. | Heat treatment using oil fired furnace (without cyaniding) |
| 37. | Hot mix plants |
| 38. | Hotels (< 3 star) or hotels having > 20 rooms and less than 100 rooms. |
| 39. | Ice cream |
| 40. | Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 - Items namely - Paint and ink Sludge/residues |
| 41. | Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 - Items namely - Brass Dross ,, Copper Dross,, Copper Oxide Mill Scale,, Copper Reverts, Cake & Residues,, Waste Copper and copper alloys in dispersible form,, Slags from copper processing for further processing or refining ,, Insulated Copper Wire,, Scrap/copper with PVC sheathing including ISRI-code material namely "Druid" ,, Jelly filled Copper cables ,, Zinc Dross-Hot dip Galvanizers SLAB,, Zinc Dross-Bottom Dross,, Zinc ash/Skimming arising from galvanizing and die casting operations,, Zinc ash/Skimming/other zinc bearing wastes arising from smelting and refining,, Zinc ash and residues including zinc alloy residues in dispersible from ,, |
| 42. | Industry or processes involving foundry operations |
| 43. | Lime manufacturing (using lime kiln) |
| 44. | Liquid floor cleaner, black phenyl, liquid soap, glycerol mono-stearate manufacturing |
| 45. | Manufacturing of glass |
| 46. | Manufacturing of iodized salt from crude/ raw salt |
| 47. | Manufacturing of mirror from sheet glass |
| 48. | Manufacturing of mosquito repellent coil |
| 49. | Manufacturing of Starch/Sago |
| 50. | Mechanized laundry using oil fired boiler |
| 51. | Modular wooden furniture from particle board, MDF< swan timber etc, Ceiling tiles/ partition board from saw dust, wood chips etc., and other agricultural waste using synthetic adhesive resin, wooden box making (With boiler) |
| 52. | New highway construction project |
| 53. | Non-alcoholic beverages(soft drink) & bottling of alcohol/non alcoholic products |
| 54. | Paint blending and mixing (Ball mill) |
| 55. | Paints and varnishes (mixing and blending) |
| 56. | Ply-board manufacturing(including Veneer and laminate) with oil fired boiler/ thermic fluid heater(without resin plant) |
| 57. | Potable alcohol (IMFL) by blending, bottling of alcohol products |
| 58. | Printing ink manufacturing |

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| 59. | Printing press |
| 60. | Reprocessing of waste plastic including PVC |
| 61. | Rolling mill (oil or coal fired) and cold rolling mill |
| 62. | Spray painting, paint baking, paint shipping |
| 63. | Steel and steel products using various furnaces like blast furnace /open hearth furnace/induction furnace/arc furnace/submerged arc furnace /basic oxygen furnace /hot rolling reheated furnace |
| 64. | Stone crushers |
| 65. | Surgical and medical products including prophylactics and latex |
| 66. | Teflon based products |
| 67. | Thermocol manufacturing (with boiler) |
| 68. | Tobacco products including cigarettes and tobacco/opium processes |
| 69. | Transformer repairing/ manufacturing (dry process only) |
| 70. | Tyres and tubes vulcanization/ hot retreating |
| 71. | Vegetable oil manufacturing including solvent extraction and refinery /hydrogenated oils |
| 72. | Wire drawing and wire netting |
| 73. | Dry cell battery (excluding manufacturing of electrodes) and assembling & charging of acid lead battery on micro scale |
| 74. | Pharmaceutical formulation and for R & D purpose (For sustained release/ extended release of drugs only and not for commercial purpose) |
| 75. | Synthetic resins |
| 76. | Synthetic rubber excluding molding |
| 77. | Cashew nut processing |
| 78. | Coffee seed processing |
| 79. | Parboiled Rice Mills |
| 80. | Foam manufacturing |
| 81. | Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 - Items namely - Used Oil - As per specifications prescribed from time to time. |
| 82. | Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 - Items namely - Waste Oil ---As per specifications prescribed from time to time. |
| 83. | Producer gas plant using conventional up drift coal gasification (linked to rolling mills glass and ceramic industry refectories for dedicated fuel supply) |
| 84. | Health care establishments (As defined in BMW Rules) having waste water generation less than 100 KLD without incinerator |
| 85. | Airport and commercial air strips having discharge less than 100 KLD |
| 86. | Railway locomotive workshop/Integrated road transport workshop/Authorized service centers (having waste-water generation < 100 KLD) |
| 87. | Manufacturing of pasted veneers using coal/wood scrap boiler or thermic fluid heater and by sun drying |
| 88. | Cardboards and Millboards |
| 89. | Strawboards |



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| 90. | Formulation of pesticides/ insecticides |
| 91. | Recycling / Pyrolysis plants of waste pneumatic tyres/tyre scrap |
| 92. | Screening plants |
| 93. | Surgical cotton industries |
| 94. | Inorganic Chemical Compounds such as Chlorides/Sulphates/Sulphites/Niterates/Oxides/Flourides/ Stearates of metals/Cations |
| 95. | Sodium and other silicates manufacturing |
| 96. | Cotton coated fabrics including printing and lamination (Rexene) |
| 97. | Friction dust |
| 98. | Brake lining/ Disc brake pad |
| 99. | Chlorinated paraffin wax/plasticizers |
| 100. | Sewage treatment plants having capacity 10 KLD or more but less than 100 KLD |
| 101. | Infrastructure development projects having overall liquid Waste generation 100 KLD or more |
| 102. | Dismantling of E-Waste |


Annexure-III**Final List of Green Category of Industrial Sectors**

| Sr. No. | Industry Sector |
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| 1. | Aluminium utensils from aluminium circles by pressing only (dry mechanical operation) |
| 2. | Ayurvedic and homeopathic medicines (without boiler) |
| 3. | Bakery /confectionery /sweets products (with production capacity <1tpd (with gas or electrical oven) |
| 4. | Bi-axially oriented PP film along with metalizing operations |
| 5. | Biomass briquettes (sun drying) without using toxic hazardous wastes |
| 6. | Blending of melamine resins & different powder, additives by physical mixing |
| 7. | Brass and bell metal utensils manufacturing from circles(dry mechanical operation without re-rolling facility) |
| 8. | Candy |
| 9. | Cardboard or corrugated box and paper products (excluding paper or pulp manufacturing and without using boilers) |
| 10. | Carpentry & wooden furniture manufacturing (excluding saw mill) with the help of electrical (motorized) machines such as electrical wood planner, steel saw cutting circular blade, etc. |
| 11. | Cement products (without using asbestos / boiler / steam curing) like pipe ,pillar, jafri, well ring, block/tiles etc.(should be done in closed covered shed to control fugitive emissions) |
| 12. | Ceramic colour manufacturing by mixing & blending only (not using boiler and wastewater recycling process) |
| 13. | Chilling plant, cold storage and ice making |
| 14. | Coke briquetting (sun drying) |
| 15. | Cotton spinning and weaving (small scale) |
| 16. | Dal Mills |
| 17. | Decoration of ceramic cups and plates by electric furnace |
| 18. | Digital printing on PVC clothes |
| 19. | Facility of handling, storage and transportation of food grains in bulk |
| 20. | Flour mills (dry process) |
| 21. | Glass , ceramic, earthen potteries, tile and tile manufacturing using electrical kiln or not involving fossil fuel kiln |
| 22. | Glue from starch (physical mixing) with gas / electrically operated oven /boiler. |
| 23. | Gold and silver smithy (purification with acid smelting operation and sulphuric acid polishing operation) (using less or equal to 1 litre of sulphuric acid/ nitric acid per month) |
| 24. | Heat treatment with any of the new technology like ultrasound probe , induction hardening , ionization beam, gas carburizing etc. |
| 25. | Insulation and other coated papers (excluding paper or pipe manufacturing) |
| 26. | Leather foot wear and leather products (excluding tanning and hide |



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| | processing except cottage scale) |
| 27. | Lubricating oil, greases or petroleum based products (only blending at normal temperature) |
| 28. | Manufacturing of pasted veneers using gas fired boiler or thermic fluid heater and by sun drying |
| 29. | Oil mill Ghani and extraction (no hydrogenation / refining) |
| 30. | Packing materials manufacturing from non asbestos fibre, vegetable fibre yarn |
| 31. | Phenyl/toilet cleaner formulation and bottling |
| 32. | Polythene and plastic processed products manufacturing (virgin plastic) |
| 33. | Poultry, Hatchery and Piggery |
| 34. | Power looms (without dye and bleaching) |
| 35. | Puffed rice (muri) (using gas or electrical heating system) |
| 36. | Pulverization of bamboo and scrap wood |
| 37. | Ready mix cement concrete |
| 38. | Reprocessing of waste cotton |
| 39. | Rice mill (Rice hullers only) |
| 40. | Rolling mill (gas fired) and cold rolling mill |
| 41. | Rubber goods industry (with gas operated baby boiler) |
| 42. | Saw mills |
| 43. | Soap manufacturing (hand made without steam boiling / boiler) |
| 44. | Spice grinding (20 HP motor) |
| 45. | Spice grinding (20 hp motor) |
| 46. | Steel furniture without spray painting |
| 47. | Steeping and processing of grains |
| 48. | Tyres and tube retreating (without boilers) |
| 49. | Chilling plant and ice making without using ammonia |
| 50. | CO2 recovery |
| 51. | Distilled water (without boiler) with electricity as source of heat |
| 52. | Hotels (up to 20 rooms and without boilers) |
| 53. | Manufacturing of optical lenses (using electrical furnace) |
| 54. | Mineralized water |
| 55. | Tamarind powder manufacturing |
| 56. | Cutting, sizing and polishing of marble stone |
| 57. | Emery powder (fine dust of sand) manufacturing |
| 58. | Flyash export, transport & disposal facilities |
| 59. | Mineral stack yard / Railway sidings |
| 60. | Oil and gas transportation pipeline |
| 61. | Seasoning of wood in steam heated chamber |
| 62. | Synthetic detergent formulation |
| 63. | Tea processing (with boiler) |
| 64. | Modular wooden furniture from particle board, MDF< swan timber etc, Ceiling tiles/ partition board from saw dust, wood chips etc., and other agricultural waste using synthetic adhesive resin, wooden box making (Without boiler) |
| 65. | LPG bottling plants |
| 66. | Sewage treatment plants having capacity less than 10 KLD |
| 67. | Infrastructure development projects having overall liquid Waste |

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| | generation less than 100 KLD |
| 68. | Industrial inorganic gases namely- a) Chemical gas- Acetylene, hydrogen, chlorine, fluorine, ammonia, sulphur dioxide, ethylene, hydrogen-sulphide, phosphine b) Hydrocarbon gases- Methane, ethane, propane |
| 69. | Automobiles manufacturing outsourcing all of the polluting activities. |
| 70. | Refurbishing of used electrical and electronic equipments |



Annexure-IV**Final List of White Category of Industrial Sectors**

| Sr. No. | Industry Sector |
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| 1. | Assembly of air coolers / conditioners ,repairing and servicing |
| 2. | Assembly of bicycles ,baby carriages and other small non motorizing vehicles |
| 3. | Bailing (hydraulic press)of waste papers |
| 4. | Bio fertilizer and bio-pesticides without using inorganic chemicals |
| 5. | Biscuits trays etc from rolled PVC sheet (using automatic vacuum forming machines) |
| 6. | Blending and packing of tea |
| 7. | Block making of printing without foundry (excluding wooden block making) |
| 8. | Chalk making from plaster of Paris (only casting without boilers etc. (sun drying / electrical oven) |
| 9. | Compressed oxygen gas from crude liquid oxygen (without use of any solvents and by maintaining pressure & temperature only for separation of other gases) |
| 10. | Cotton and woolen hosiery making (Dry process only without any dyeing / washing operation) |
| 11. | Diesel pump repairing and servicing (complete mechanical dry process) |
| 12. | Electric lamp (bulb) and CFL manufacturing by assembling only |
| 13. | Electrical and electronic item assembling (completely dry process) |
| 14. | Engineering and fabrication units (dry process without any heat treatment / metal surface finishing operations / painting) |
| 15. | Flavoured betel nuts production/ grinding (completely dry mechanical operations) |
| 16. | Fly ash bricks/ block manufacturing |
| 17. | Fountain pen manufacturing by assembling only |
| 18. | Glass Sydes and vials making from glass tubes |
| 19. | Glass putty and sealant (by mixing with machine only) |
| 20. | Ground nut decorticating |
| 21. | Handloom/ carpet weaving (without dyeing and bleaching operation) |
| 22. | Leather cutting and stitching (more than 10 machine and using motor) |
| 23. | Manufacturing of coir items from coconut husks |
| 24. | Manufacturing of metal caps containers etc |
| 25. | Manufacturing of shoe brush and wire brush |
| 26. | Medical oxygen |
| 27. | Organic and inorganic nutrients (by physical mixing) |
| 28. | Organic manure (manual mixing) |
| 29. | Packing of powdered milk |
| 30. | Paper pins and u clips |
| 31. | Repairing of electric motors and generators (dry mechanical process) |
| 32. | Rope (plastic and cotton) |
| 33. | Scientific and mathematical instrument manufacturing |



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| 34. | Solar module non conventional energy apparatus manufacturing unit |
| 35. | Solar power generation through solar photovoltaic cell, wind power and mini hydel power (less than 25 MW) |
| 36. | Surgical and medical products assembling only (not involving effluent / emission generating processes) |
| 37. | Automobile fuel outlets (only dispensing) |
| 38. | Diesel generator sets having total capacity 1 MVA or less and equipped with acoustic enclosures alongwith adequate stack height |
| 39. | Almirah, Grill Manufacturing without painting operation (Dry Mechanical Process) |

