



राजस्थान राज्य प्रदूषण नियंत्रण मण्डल

RAJASTHAN STATE POLLUTION CONTROL BOARD

4, Institutional Area, Jhalana Doongri, JAIPUR

OFFICE ORDER

Categorization of industries/ projects/ processes/ activities/ mines

In compliance with the directions issued under section 18 (1)(b) of the Water (Prevention and Control of Pollution) Act 1974 by Central Pollution Control Board, vide letter dated 04/06/2012, regarding classification of the industries into Red/ Orange and Green category and the recommendations by the committee constituted by the State Board, vide office order No. F14 (57) Policy/RPCB/Plg./Vol.II/7537-55 dated 21/06/2012, the State Board has reviewed all the earlier office orders regarding the categorization of the industries/ projects/ processes/ activities/ mines for the purpose of consent mechanism and in supersession of all the previous orders, the new categorization for consent mechanism shall be as follows :-

1. Red Category of industries/ projects/ processes/ activities/ mines – Annexure I
2. Orange Category of industries/ projects/ processes/ activities/ mines – Annexure II
3. Green category of industries/ projects/ processes/ activities/ mines – Annexure III

This revised categorization shall come into force with immediate effect.

This bears the approval of the competent authority.

(Dr. D. N. Pandey)  
Member Secretary

No. F.14 (23) Policy/RPCB/Plg/ 10548 - 10587  
Copy to following for information and necessary action:

Date 07/03/2013

1. Additional Chief Secretary, Department of Environment and Forest, Govt. of Rajasthan, Jaipur.
2. Principal Secretary, Mines Department, Govt. of Rajasthan, Jaipur.
3. Principal Secretary, Industry Department, Govt. of Rajasthan, Jaipur.
4. Principal Secretary, Department of Medical and Health, Govt. of Rajasthan, Jaipur.
5. Additional Chief Secretary, Department of Urban Development and Housing, Govt. of Rajasthan, Jaipur.
6. Chairman, RSPCB, Jaipur
7. Chairman cum Managing Director, RIICO, Jaipur
8. Secretary, Department of Environment, Govt. of Rajasthan, Jaipur.
9. Chairman, RFC, Jaipur.
10. Commissioner, Department of Industry, Udyog Bhawan, Jaipur.
11. Sr. P.A. to Member Secretary, RSPCB, Jaipur
12. Chief Env. Engineer, RSPCB, Jaipur
13. Group Incharge CSO / SWMC / TCD/ CPM/ HDF/ ADC/ MUID/ Mines/ SCMG/ LO/VTR/ PAAC/ACP/CCC, RSPCB, Jaipur
14. Regional Officer, RSPCB, Jaipur/Alwar/ Balotra/ Bhartpur/ Bhilwara/ Bikaner/ Jodhpur/ Pali/ Kota/ Chittorgarh/ Kishangarh/ Sikar/ Udaipur.
15. Guard File.

(Dr. D. N. Pandey)  
Member Secretary

## Red Category

S No.	Type of Industries/ projects/ processes/ activities/Mines
1.	Airports and Commercial Air Strips
2.	Aluminum Smelter
3.	Asbestos and asbestos based industries
4.	Automobiles Manufacturing (Integrated facilities)
5.	Basic chemicals and electro chemicals and its derivatives including manufacture of acids
6.	Ceramic , Refractories
7.	Cement
8.	Chlor Alkali
9.	Chlorates, perchlorates and peroxides
10.	Chlorine, fluorine, bromine, iodine and their compounds
11.	Coal Washerries
12.	Copper smelter
13.	Coke making , liquefaction, coal tar distillation or fuel gas making
14.	Common treatment and disposal facilities (CETP, TSDF, E-Waste recycling, CBMWTF, Effluent conveyance project, incinerators, Solvent/Acid recovery plant, MSW sanitary landfill sites, STP)
15.	Distillery including Fermentation industry
16.	Dyes and Dye-Intermediates
17.	Dry coal processing/ mineral processing, industries involving ore sintering, palletisation, grinding, pulverization
18.	Emulsion of oil & water
19.	Fermentation industry including manufacture of yeast, beer, distillation of alcohol (ENA)
20.	Fertilizer (basic) (excluding formulation)
21.	Ferrous and Non ferrous metal extraction involving different furnaces through melting, refining, reprocessing, casting and alloy making
22.	Fibre glass production and processing (Excluding moulding)
23.	Fire crackers manufacturing and bulk storage facilities
24.	Flakes from rejected PET bottle
25.	Fly ash export , transport and disposal facilities
26.	Health care establishment (As defined in BMW Rules)
27.	Heavy engineering including Ship Building (With investment on Plant & Machineries more than Rs10 Crores)
28.	Hot mix plants
29.	Hotels (3 Star & above) and Hotels having 100 rooms and above
30.	Hydrocyanic acid and its derivatives
31.	Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black
32.	Industrial estates/parks/complexes/areas/export processing zones/SEZs/ Biotech parks/ leather complex
33.	Industrial inorganic gases namely:- a) Chemical gases: Acetylene, hydrogen, chlorine, fluorine, ammonia, sulphur dioxide, ethylene, hydrogen sulphide, phosphine; b) Hydrocarbon gases: Methane, ethane, propane
34.	Industries engaged in recycling /reprocessing/recovery/reuse of Hazardous Waste under schedule IV of Hazardous Waste (M, H&TBM) Rules, 2008 and its amendments
35.	Industry or process involving foundry operations
36.	Industry or process involving metal surface treatment or process such as pickling/ plating/electroplating/ paint stripping/ heat treatment/ phosphating or finishing and anodising/ enameling/ galvanizing
37.	Iron and Steel (involving processing from ore/ integrated steel plants and or Sponge Iron Industries
38.	Isolated storage of hazardous chemicals (as per schedule of Manufacture, Storage & Import of Hazardous Chemicals Rules, 1989 as amended)

39.	Lead acid battery manufacturing(excluding assembling & charging of acid lead battery in micro scale[< Rs 25 lakhs])
40.	Lime manufacturing (Using Lime Kiln)
41.	Manufacturing of Explosives, detonators, fuses including management and handling activities,
42.	Manufacturing of Glass
43.	Manufacturing of Glue and gelatin
44.	Manufacturing of Lubricating oils, greases or petroleum based products
45.	Manufacturing of Paints, Varnishes, pigments and intermediate (excluding blending/ mixing)
46.	Manufacturing of Starch/Saggo
47.	Milk processing and dairy products (integrated project)
48.	Mineral stack yards/ Railway sidings
49.	Mining and ore beneficiation
50.	New Highway construction projects
51.	Non alcoholic beverage (soft drink) & bottling of alcoholic/non-alcoholic products (capital investment on plant & machinery > Rs 1 crore)
52.	Nuclear Power Plants
53.	Oil & Gas extraction including CBM (offshore & onshore extraction through drilling wells)
54.	Oil and gas transportation pipeline
55.	Organic chemicals manufacturing
56.	Oil Refinery (Mineral Oil or Petro Refineries)
57.	Parboiled rice mills (more than 10 TPD)
58.	Pesticides (Technical) (excluding formulation)
59.	Petrochemicals (Manufacture of and not merely use of as raw material)
60.	Pharmaceuticals (excluding formulation)
61.	Pulp and Paper (paper manufacturing with or without pulping)
62.	Phosphate rock processing plant
63.	Phosphorous and its compounds
64.	Photographic films and its chemicals
65.	Ports & Harbours, Jetties and Dredging Operations
66.	Power Generation Plants [Except Wind, Solar and Mini Hydel Power plants of capacity <25 MW) and DG set of capacity > 5 MVA]
67.	Processes involving chlorinated hydrocarbons
68.	Railway Locomotive workshops / Integrated Road transport workshop/ Authorised service centers
69.	Reprocessing of used oils and waste oils
70.	Ship breaking activities
71.	Slaughter houses (As per the notification S.O.270(E) dated 26.03.2001) and meat processing industries, bone mill, processing of animal horns, hoofs and other body parts
72.	Steel and steel products using various furnaces like blast furnaces/ open hearth furnace/ induction furnace/ arc furnace/ submerged arc furnace /basic oxygen furnace /hot rolling using reheating furnace
73.	Stone crushers
74.	Sugar (excluding Khandsari)
75.	Surgical and medical products involving prophylactics and latex
76.	Synthetic detergents and soaps (excluding formulation)
77.	Synthetic fibres including rayon, tyre cord, polyester filament yarn
78.	Synthetic resins
79.	Synthetic rubber excluding molding
80.	Tanneries
81.	Thermal Power Plants

82.	Tobacco products including cigarettes and tobacco/ opium processing
83.	Vegetable oils including solvent extraction and refinery/ hydrogenated oils
84.	Yarn/ textile processing involving any effluent/ emission- generating process, bleaching, dyeing, printing and scouring
85.	Zinc Smelter
86.	Aerial rope way
87.	Clinker grinding unit
88.	Halogenated Hydrocarbons
89.	Heavy water
90.	Ink, Pigment and Intermediates other than formulation
91.	LPG bottling plant
92.	Mineral grinding (except asbestos industries)
93.	Pesticide specific intermediates
94.	Processing of nuclear fuel
95.	River Valley Project
96.	Synthetic leather and related products except isolated moulding
97.	Any industry/industrial activity which is not covered in above list having coal fired boiler with steam generation capacity more than 5 T/hour.

## Annexure II

### Orange Category

S. No.	Type of Industries/ projects/ processes/ activities
1.	Almirah, Grill Manufacturing
2.	Aluminum and copper extraction from scrap using oil fired furnace
3.	Automobile servicing, repairing and painting (excluding only fuel dispensing)
4.	Ayurvedic and Homeopathic medicine
5.	Bakery & confectionery industries with production capacity > 1 tpd]
6.	Bi-axially oriented PP film along with metalising operation
7.	Brickfields (excluding fly ash brick manufacturing using lime process)
8.	Building and construction project >20,000 Sq. M built up area
9.	Cashew nut processing
10.	Chanachur and laddoo from puffed and beaten rice(muri and chira)using husk fired oven
11.	Chilling plant, cold storage and Ice making
12.	Coffee seed processing
13.	Coke briquetting (sun drying)
14.	Cotton spinning and weaving (medium and large scale)
15.	Cutting, sizing and polishing of marble stones
16.	Dairy and dairy products (small scale) (capital investment on plant & machinery < Rs 1 crore)
17.	Dal Mills
18.	DG Set of capacity >1 MVA but < 5 MVA)
19.	Digital printing on PVC cloth
20.	Dismantling of rolling stocks(wagons/coaches )
21.	Dry cell battery (excluding manufacturing of electrodes) & assembling & charging of acid lead battery in micro scale[< Rs 25 lakhs]
22.	Emery powder(fine dust of sand) manufacturing
23.	Engineering and fabrication units (With investment on Plant & Machineries < Rs 10 Crores)

24.	Excavation of sand from the river bed(excluding manual excavation)
25.	Facility of handling, storage and transportation of food grains in bulk.
26.	Fertilizer (granulation and formulation only)
27.	Fish feed, poultry feed and cattle feed
28.	Fish processing and packaging (excluding chilling of fish)
29.	Foam manufacturing
30.	Food & food processing including fruits & vegetable processing
31.	Forging of ferrous & non-ferrous metal (using oil or gas fired boilers)
32.	Formulation/ paletization of camphor tablets, naphthalene balls from camphor/naphthalene powders
33.	Glass, ceramic, earthen potteries and tile manufacturing using oil or gas fired kiln, Coating on glasses using cerium fluoride, magnesium fluoride etc.
34.	Glue from starch (physical mixing)
35.	Gravure printing, digital printing on flex, vinyl
36.	Heat treatment using oil fired furnace (excluding cyaniding)
37.	Hotels (Less than 3 star) or Hotels having more than 20 rooms and less than 100 rooms.
38.	Ice cream
39.	Infrastructure development project
40.	Jute processing without dyeing
41.	Liquid floor cleaner, black phenyl , liquid soap , glycerol monostearate manufacturing.
42.	Manufacture of mirror from sheet glass
43.	Manufacturing of iodized salt from crude/raw salt
44.	Manufacturing of mosquito repellent coil
45.	Manufacturing of toothpowder, toothpaste, talcum powder and other cosmetic items
46.	Mechanized laundry using oil fired boiler
47.	Modular wooden furniture from particle board , MDF, swan timber etc, Ceiling tiles/partition board from saw dust, wood chips etc. & other agricultural waste using synthetic adhesive resin, wooden box making
48.	Packing materials manufacturing from non asbestos fibre, vegetable fibre yarn
49.	Paint blending & mixing (Ball mill)
50.	Pharmaceutical formulation and for R&D purpose(for sustained release/extended release of drugs only and not for commercial purpose)
51.	Plyboard manufacturing (including vineer & laminate) with oil fired boiler/ thermic fluid heater (without resin plant)
52.	Potable alcohol (IMFL) by blending , bottling of alcoholic products (capital investment on plant & machinery < Rs 1 crore
53.	Power press
54.	Printing ink manufacturing
55.	Printing or etching of glass sheet using hydrofluoric acid
56.	Producer gas plant using conventional up-drift coal gasification(linked to rolling mills , glass and ceramic industry, refractories for dedicated fuel supply)
57.	Pulverisation of bamboo and scrap wood
58.	Repairing of electric motor & generator
59.	Reprocessing of waste plastic (excluding PVC)
60.	Rice mill less than 10 TPD & rice hullers
61.	Rolling Mill (oil or gas fired) and cold Rolling mill
62.	Saw mill
63.	Seasoning of wood in steam heated chamber.

64.	Silk screen printing, Saree printing by wooden blocks
65.	Spice grinding (> 20 HP motor)
66.	Spray painting, paint baking, paint stripping
67.	Tamarind powder manufacturing
68.	Tea processing
69.	Thermocol manufacturing
70.	Thermometer making
71.	Transformer repairing/manufacturing
72.	Tyres and tubes vulcanization/hot retreading
73.	Wire drawing & Wire netting
74.	CFL, tube light, bulb and so on
75.	Computer software development and business promotion centers employing more than 50 persons
76.	Cutting, sizing and polishing of granite, kota stone and other stones
77.	Food additives
78.	Footwear other than leather footwear
79.	Formulation of Pesticides, agro chemicals and so on
80.	Gems and jewellery except tiny unit
81.	Glass and fiber glass moulding
82.	Guar and guar gum
83.	Gypsum board
84.	Institutions for training, education, capacity building
85.	Manufacturing of Varnishes, pigments and intermediate (blending/ mixing only)
86.	Metal handicraft unit having furnaces or chemical treatment facility
87.	Non alcoholic beverage (soft drink) & bottling of alcoholic/non-alcoholic products (Capital investment on plant and machinery ≤ Rs. 1 Crore)
88.	Parboiled rice mill (Upto 10 TPD)
89.	Plaster of paris
90.	Restaurant > 25 seats
91.	Stone carving unit using power more than 10 hp
92.	Synthetic rubber and foam moulding
93.	Township and area development project ≥ 5 Ha and or dwelling units ≥ 50
94.	Water treatment plant
95.	Wet mix macadam
96.	Yarn and textile manufacturing/ processing not involving scouring, bleaching, dyeing, printing or any effluent/emission generating process including spinning/ weaving unit

### Annexure III

#### Green Category

S. No.	Type of Industries/ projects/ processes/ activities
1	Aluminium utensils from aluminium circles
2	Assembling of Acid lead battery (up to 10 batteries per day excluding lead plate casting)
3	Assembly of air coolers/conditioners, repairing and servicing
4	Assembly of bicycles, baby carriage and other small non-motorised vehicles
5	Automobile fuel outlet (only dispensing)
6	Ayurvedic and Homeopathic medicine (without boiler)
7	Bailing ( hydraulic press) of waste papers

8	Bakery/Confectionery/Sweets production (with production capacity < 1tpd with oil, gas or electrical oven)
9	Bio fertilizer & bio-pesticide without using inorganic chemicals
10	Biomass Briquettes (sun drying)without using toxic or hazardous wastes
11	Biscuit trays etc. from rolled PVC sheet (using automatic vaccum forming machine)
12	Blending and packaging of Tea
13	Blending of melamine resins & different powder, additives by physical mixing
14	Block making for printing without foundry (excluding wooden block making)
15	Brass & Bell metal utensils manufacturing from circle (without re-Rolling facility)
16	Candy
17	Cardboard or corrugated box and paper products (excluding paper or pulp manufacturing and without using boiler)
18	Carpentry and wooden furniture manufacturing(excluding saw mill) with the help of electrical (motorized) machines such as electric wood planner, steel saw cutting circular blade etc.
19	Cement products (without using Asbestos) like pipe, pillar, jafri, well ring, blocks/tiles etc. (should be done under closed covered shed to control fugitive emissions)
20	Ceramic colour manufacturing (not using boiler and wastewater recycling process)
21	Chalk making from plaster of paris.
22	Chilling plant and Ice making without use of ammonia
23	Coated electrode manufacturing
24	Compact disc, computer floppy & cassette manufacturing
25	CO <sub>2</sub> recovery
26	Compressed oxygen gas from crude liquid oxygen
27	Cotton and woollen hosiery making (SSI & Cottage industries)
28	Cotton spinning & weaving (small scale)
29	Decoration of ceramic cups & plates by electric furnace
30	Diesel Generator sets (15 KVA to 1 MVA)
31	Diesel pump repairing & servicing
32	Distilled water
33	Electric lamp (bulb) manufacturing (small scale)
34	Electrical & electronic items assembling
35	Flavoured betel nut production/grinding.
36	Flour mills (dry process)
37	Fly ash bricks/blocks manufacturing
38	Fountain pen manufacturing
39	Glass ampules & vials making from glass tubes.
40	Glass putty and sealant
41	Glass, ceramic, earthen potteries and tile manufacturing using electrical kiln or not involving fossil fuel kilns
42	Gold and Silver smithy (purification with acid, smelting operation and sulfuric acid polishing operation)(using ≤1 litre of Sulphuric Acid / Nitric Acid per month)
43	Groundnut decorticating (dry)
44	Handloom/ Carpet weaving (without dyeing and bleaching operation)
45	Hotels(upto 20 rooms)
46	Insulation and other coated papers (excluding paper or pulp manufacturing) manufacturing
47	Jobbing and machining
48	Leather cutting and stitching (more than 10 machines and using motor)
49	Leather footwear and leather products (excluding tanning and hide processing) (except cottage scale)
50	Lubricating oils, greases or petroleum based products (only blending at normal temperature)

51	Manufacturing of coir items from coconut husk
52	Manufacturing of metal caps, containers etc.
53	Manufacturing of optical lenses (using electrical furnace)
54	Manufacturing of pasted veneers without using boiler or Thermic Fluid Heater or by sundrying
55	Manufacturing of shoe brush & wire brush
56	Manufacturing of silica gel (without furnace)
57	Medical oxygen
58	Mineralized water
59	Oil mill ghani & extraction (no hydrogenation/refining)
60	Organic and inorganic nutrients (by physical mixing)
61	Organic manure (manual mixing).
62	Paints and varnishes (mixing and blending) (without ball mill)
63	Packing of powdered milk
64	Paper pins and U-clips
65	Phenyl/ Toilet cleaner formulation & Bottling
66	Reel manufacturing
67	Polythene & plastic processed products manufacturing (virgin plastics)
68	Poultry, hatchery, Piggery
69	Power looms (without dyeing and bleaching)
70	Printing press
71	Puffed rice (muri) (using oil, gas or electrical heating system)
72	Ready mix cement concrete
73	Reprocessing of waste cotton
74	Rope (Cotton & Plastic)
75	Rubber goods industry (with baby boiler only)
76	Scientific and mathematical instruments manufacturing
77	Soap manufacturing (Handmade without steam boiling)
78	Solar module (Non conventional energy apparatus) manufacturing unit
79	Solar power generation through solar photovoltaic cell, wind power & mini hydel power(< 25 MW)
80	Spice grinding (< 20 HP motor)
81	Steel furniture without spray painting
82	Steeping and processing of grains
83	Surgical and medical products not involving effluent/emission generating processes
84	Synthetic detergent formulation
85	Teflon based products
86	Tyres and tubes retreading (without boiler)
87	Building and construction project $\geq 2,500$ Sq. M and $\leq 20,000$ Sq. M built up area.
88	All those industries/ projects/ processes/ activities which are not covered under the list of Red or Orange or Green category and are discharging waste water and or air emissions

**Notes:**

1. In coherence with the directions issued by Central Pollution Control Board vide letter no. B-29014/1/90/PCI-I/17793 dated 21-10-1992 for the small/ tiny scale industries with investment upto Rs. 5.00 crores, which are covered under the Green category, the acknowledgement, by the State Board, of the receipt of the Consent application form dully filled up and accompanied by the prescribed fee shall serve the purpose of Consent and there would also be no need for the industry to obtain periodic renewal of the Consent to Operate till such time that the unit modifies/ changes its process.
2. The classification of industries in Large/ Medium/ Small/ Tiny scale shall be as notified by the Industry Department.
3. The State Board may revise this list as and when the circumstances so warrant.