

NOTIFICATION

The 18th November, 2020

No. APSPCB-93/2017/RCI.— In exercise of the powers conferred by section - 64 of the Water (Prevention & Control of Pollution) Act, 1974 (No. 6 of 1974) and in supersession of the earlier notification No. APSPCB-839/2012 dated 1st November, 2012, except as respect things done or omitted to be done before such supersession, the Governor of Arunachal Pradesh, in consultation with the Arunachal Pradesh State Pollution Control Board is pleased to make the following rules to further amend the Arunachal Pradesh Water (Prevention & Control of Pollution) Rules, 2000 for harmonization and classification of Industrial sectors into Red, Orange, Green and White in the State of Arunachal Pradesh, namely :

1. (1) **Short title and commencement :** These rules may be called the Arunachal Pradesh Water (Prevention & Control of Pollution) (Amendment) Rules, 2020.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. **Amendment of Schedule-II :**

In Arunachal Pradesh Water (Prevention & Control of Pollution) Rules, 2000, in Schedule-II, for the existing entries, the following shall be substituted namely :

Schedule- II
(Annual Consent Fee)

Sl. No.	Capital Investment (₹)	Consent to establish/ operate (₹)		
		Red	Orange	Green
1.	Upto 5 lakh	2,500	2,000	1,500
2.	5 lakh + to 10 lakh	5,000	4,000	3,000
3.	10 lakh + to 50 lakh	25,000	20,000	15,000
4.	50 lakh + to 1 Crore	50,000	40,000	30,000
5.	1 Crore + to 5 Crore	1,25,000	1,00,000	75,000
6.	5 Crore + to 10 Crore	2,00,000	1,50,000	1,00,000
7.	10 Crore + to 25 Crore	2,50,000	2,00,000	1,50,000
8.	25 Crore + to 50 Crore	2,85,000	2,50,000	2,15,000
9.	50 Crore + to 100 Crore	3,60,000	3,00,000	2,40,000
10.	100 Crore + to 500 Crore	6,00,000	4,50,000	3,00,000
11.	500 Crore + to 1000 Crore	8,00,000	6,00,000	4,00,000
12.	1000 Crore above	16,00,000	12,00,000	8,00,000

Note : Between the minimum and maximum consent fees in the twelve slabs mentioned above, more number of slabs of consent fees per year can be prescribed by State Pollution Control Board.

3. **Amendment of Schedule-VIII :-** In the Arunachal Pradesh Water (Prevention & Control of Pollution) (Amendment) Rules, 2012, for the existing entries in the Schedule-VIII, the following entries shall be substituted namely :

SCHEDULE- VIII

I : List of Red Category Industries :

Sl. No.	Industry Sector
1	2
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.	Bamboo ply manufacturing (With Boiler)
4.	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.
5.	Manufacturing of lubricating oils ,grease and petroleum based products

- | 1 | 2 |
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| 6. | DG Set of capacity > 5 MVA |
| 7. | Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black |
| 8. | Lead acid battery manufacturing(excluding assembling and charging of lead acid battery in micro scale) |
| 9. | Phosphate rock processing plants |
| 10. | Power generation plant [except Wind and Solar renewable power plants of all capacities and Mini Hydel power plant of capacity <25MW] |
| 11. | 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, |
| 12. | Processes involving chlorinated hydrocarbons |
| 13. | Sugar (excluding Khandsari) |
| 14. | Fibre glass production and processing (excluding moulding) |
| 15. | Fire crackers manufacturing and bulk storage facilities |
| 16. | 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. |
| 17. | Milk processes and dairy products (integrated project) |
| 18. | Phosphorous and its compounds |
| 19. | Pulp & Paper (waste paper based without bleaching process to manufacture Kraft paper) |
| 20. | Coke making , liquefaction, coal tar distillation or fuel gas making |
| 21. | Manufacturing of explosives, detonators, fuses including management and handling activities |
| 22. | Manufacturing of paints varnishes, pigments and intermediate (excluding blending/mixing) |
| 23. | Organic Chemicals manufacturing |
| 24. | Airports and Commercial Air Strips |
| 25. | Asbestos and asbestos based industries |
| 26. | Basic chemicals and electro chemicals and its derivatives including manufacturing of acid |
| 27. | Cement |
| 28. | Chlorates, per-chlorates & peroxides |
| 29. | Chlorine, fluorine, bromine, iodine and their compound |
| 30. | Dyes and Dye- Intermediates |
| 31. | Health care establishment (as defined in BMW Rules) |
| 32. | Hotels (Star Category or ≥100 rooms) |
| 33. | 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". |
| 34. | 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 |

1	2
35.	Manufacturing of glue and gelatine
36.	Mining and ore beneficiation
37.	Nuclear power plant
38.	Pesticides (technical) (excluding formulation)
39.	Photographic film and its chemicals
40.	Railway locomotive work shop/Integrated road transport workshop/Authorized service centers
41.	Yarn / Textile processing involving any effluent/emission generating processes including bleaching, dyeing, printing and colouring
42.	Chlor Alkali
43.	Ship Breaking Industries
44.	Oil and gas extraction including CBM (offshore & on-shore extraction through drilling wells
45.	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
46.	Tanneries
47.	Ports and harbour, jetties and dredging operations
48.	Synthetic fibres including rayon ,tyre cord, polyester filament yarn
49.	Thermal Power Plants
50.	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
51.	Aluminium Smelter
52.	Copper Smelter
53.	Fertilizer (basic) excluding formulation
54.	Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
55.	Pulp & Paper (waste paper based units with bleaching process to manufacture writing & printing paper)
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.	Zinc Smelter
61.	Distillery (molasses / grain / yeast based)
62.	Common treatment and disposal facilities (CETP, TSDF, E-Waste Recycling, CBMWTF, effluent conveyance project, incinerator, solvent/ acid recovery plant, MSW sanitary landfill sites, STP)

II : List of Orange Category Industries :

Sl. No.	Industry Sector
1	2
1.	Dismantling of rolling stocks (wagons/ coaches)
2.	Bakery and confectionery units with production capacity > 1 TPD. (With ovens / furnaces)
3.	Chanachur and laddoo 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

- | 1 | 2 |
|-----|--|
| 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, pelletisating, 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) |
| 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 (21 - 99 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, |

1	2
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
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

1	2
80.	Foam manufacturing
81.	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(MH&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 (MH&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.	Tea processing (With Boiler)
85.	Katha manufacturing (with Boiler)
86.	Spice grinding (>20 HP motor)

III : List of Green category Industries :

Sl. No.	Industry Sector
1	2
1.	Aluminium utensils from aluminium circles by pressing only (dry mechanical operation)
2.	Ayurvedic and homeopathic medicines (without boiler)
3.	Bakery /confectionery DG set of capacity 15 KVA to 1 MVA veneer/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/sheet 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 fur
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)

1	2
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 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.	Batching Plant /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 (upto-20 HP motor)
45.	teel furniture without spray painting
46.	Steeping and processing of grains
47.	Tyres and tube retreating (without boilers)
48.	Chilling plant and ice making without using ammonia
49.	CO2 recovery
50.	Distilled water (without boiler) with electricity as source of heat
51.	Restaurants & Hotels (up to 20 rooms and without boilers)
52.	Manufacturing of optical lenses (using electrical furnace)
53.	Mineralized / Packaged drinking water
54.	Tamarind powder manufacturing
55.	Cutting, sizing and polishing of marble stone
56.	Emery powder (fine dust of sand) manufacturing
57.	Fly ash export, transport & disposal facilities
58.	Mineral stack yard / Railway sidings
59.	Oil and gas transportation pipeline
60.	Seasoning of wood in steam heated chamber
61.	Synthetic detergent formulation
62.	Tea processing (Without Boiler)
63.	Automobile fuel outlet (Only dispensing)
64.	DG set of capacity 15 KVA to 1 MVA

IV : List of White category Industries :

Sl. No.	Industry Sector
1	2
1.	Assembly of air coolers /conditioners, repairing and servicing
2.	Assembly of bicycles ,baby carriages and other small non motorizing vehicles
3.	Balling (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 woollen hosiers making (Dry process only without any dying/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 ampules 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 dying 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
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)

Note :

- (1) The industry which does not fall under any of the above mentioned categories (i.e, Red/ Orange/ Green/ White Categories), decision with regard to their categorisation will be taken by a committee comprising of the Member Secretary and two senior officers of APSPCB.
- (2) The State Board may adopt the categorization of the industries subject to local conditions and priorities as may be decided by the State Board and /or State Government Administration.

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Note : The Principal rule was Arunachal Pradesh Water (Prevention and Control of Pollution) Rules, 2000, issued vide memo No. FOR-06/SPCB-AP/2009/19 Dated 13th March, 2001 and notified in the Arunachal Pradesh Gazette dated April 3, 2001 which was subsequently amended in 2012 vide Arunachal Pradesh Gazette (NG) No. 21 Vol - XXIII dated November 15th, 2012.