

U.P. POLLUTION CONTROL BOARD,  
TC-12V, VIBHUTI KHAND,  
GOMTI NAGAR, LUCKNOW

Ref. No. G 29267/C-4/सा 62/2019

Date- 09/01/19

Pursuant to the modified direction under section- 18(1)(b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 regarding harmonization of classification of industrial sectors under RED/ORANGE/GREEN/WHITE categories vide letter no. B-29012/ESS(CPA)/2015-16 Dated 07-03-2016 circulated final report on revised categorization of industrial sectors under RED/ORANGE/GREEN/WHITE has been evolved on the basis of range of Pollution Index. 'Categorization' is based on the relative pollution potential of the industrial sectors and grouping of the industrial sectors based on the use of raw materials, manufacturing process adopted and pollutants likely to be generated.

- o Industrial Sectors having Pollution Index Score of 60 and above - Red category
- o Industrial Sectors having Pollution Index Score of 41 and 59 - Orange category
- o Industrial Sectors having Pollution Index Score of 21 and 40 - Green category
- o Industrial Sectors having Pollution Index Score of incl. & up to 20 - White category

Whereas based on relative Pollution Index, the number of industries in various categories are as under-

- i. The Red category of industrial sectors: 60
- ii. The Red category of industrial sectors: 83
- iii. The Red category of industrial sectors: 63 and
- iv. The Newly introduced White category: 36

Further CPCB issued direction under section- 18(1)(b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 vide its letter no. B-29012/MSMEs/IPC-VI/2017-18/ 12189-12230 dated 02.11.2018 that "SPCBs/PCCs shall issue the expanded list of green and white categories of industries incorporating new/left over industrial sectors, which are being operated in their State/UT within a month "



Incompliance of the directions a committee of Senior Engineers and Scientist of UPPCB was constituted and identification of new Green and White industrial sectors which do not fall under any of the above Green and White categories has been done and sent to CPCB vide letter dated 12.12.2018. Member Secretary, CPCB has emphasized vide its letter no. 29012/IPC-VI/2018-19 dated 04.01.2019 that further action of expansion of the list is to be carried out by UPPCB itself. Hence the identified list of Green category-28 industrial sectors and White category-156 industrial sectors have been identified and being presented in table- I & II respectively (given below) :-

**Table- I, Green Category Left out sectors in the CPCB categorization.**

S. No.	Industry Sector	W1	W2	W	A1	A2	A	H	W+A+H	Tentative Category	REMARKS
1	Gas Genset of capacity > 1 MVA but < 5 MVA	--	--	--	10	--	10	--	25	G	DG set of capacity > 1 MVA but < 5 MVA has been scored 20 in A1 (i.e. A1C) in CPCB categorization, while a score of A1 to be 10 (i.e. A1E) in case of gas generator is provided and accordingly may be categorised in Green category.
2	Bakery and confectionery units with production capacity > 1 TPD. ( With gas based ovens / furnaces or based on electricity )	20	--	20	10	--	10	--	37.5	G	
3	Chanachur and ladoo from puffed and beaten rice( muri and shira) using Gas fired / electric oven	20	--	20	10	--	10	--	37.5	G	
4	Flakes from rejected PET bottle using gas as fuel	21	--	20	10	--	10	--	37.5	G	

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5	Food and Food processing including fruits and vegetable processing based on gas based boiler	20	--	20	10	--	10	--	37.5	G	Normal Water and Air polluting. Boilers based on fuel other than gas have been scored 15 in A1 (i.e. A1D), while for gas boilers it is 10 i.e. A1E.
6	Manufacturing of tooth powder, toothpaste, talcum powder and other cosmetic items based on gas boiler	20	--	20	10	--	10	--	37.75	G	
7	Synthetic detergent and using formulation only, not manufacturing LABSA	--	--	--	15	--	15	--	37.75	G	
8	Ayurvedic and homeopathic medicine based on gas fuel	20	--	20	10	--	10	--	37.5	G	
9	Ceramics and refractories based on gas fuel	--	--	--	10	--	10	--	25	G	
10	Dairy and dairy products ( small scale) having gas based boiler	20	--	20	10	--	10	--	37.5	G	
11	Fish food, poultry feed and cattle feed Mixing Only	--	--	--	10	--	10	--	25	G	
12	Ice Cream based on gas fuel boiler	20	--	20	10	--	10	--	37.5	G	
13	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 gas based boiler)	--	--	--	10	--	10	--	25	G	
14	Paint blending and mixing (Ball mill) vessel mixing ( No washing)	--	--	--	15	--	15	--	37.5	G	
15	Industry or processes involving foundry	--	--	--	10	--	10	--	25	G	

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	operations (based on gas as fuel)										
16	Small Petha manufacturing units based on coal/ coke/ wood/ gas as fuel	12	--	12	--	--	--	--	30	G	Industries in which the daily consumption of coal/ coke/ wood/ gas is less than 12 MT/day
17	Restaurant (□ 36 seating capacity) having gas fired Tandoor	12	--	12	--	--	--	--	30	G	This score is applicable for restaurants having discharge less than 10 KLD
18	Manufacturing of tooth powder, toothpaste, talcum powder and other cosmetic items based on gas as fuel	20	--	20	10	--	10	--	37.5	G	
19	Aluminium & copper extraction from scrap using gas fired furnace (dry process only)	--	--	--	10	--	10	$\frac{1}{0}$	33.5	G	Air pollution score for gas fired furnace is 10 (i.e. A1E)
20	Ferrous and Non-ferrous metal extraction involving different furnaces through melting, refining, re-processing, casting and alloy making based on gas as fuel	--	--	--	15	--	15	--	33.5	G	1- This categorisation is applicable for secondary production of ferrous & nonferrous metals (excluding lead) up-to 1 MT/hour production. 2- This categorisation is valid for units having Coal/fuel/gas less than 12 MT/day. 3- This categorisation is not valid for lead metal extractions. 4- This categorisation is not valid for AOD furnaces.

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21	Ply-board manufacturing( including Veneer and laminate) with gas fired boiler/ thermic fluid heater (without resin plant)	--	--	--	10	--	10	--	25	G	
22	Rolling mill (oil or coal fired) and cold rolling mill	10	--	10	10	--	10	--	25	G	
23	Hotels (up to 20 rooms and without boilers) and having waste water generation < 10 KLD and no hazardous waste generation	12	--	12	--	--	--	--	30	G	
24	Steam calendaring /zero finishing/ centering etc. (without washing process or having gas fired boiler)	--	--	--	10	--	10	--	25	G	
25	Hosiery/ Garment manufacturing with washing only (without bleaching and dying) with discharge less than 10 KLD and is connected to public sewer	12	--	12	--	--	--	--	30	G	
26	Stand alone sand /shot blasting with inbuilt bag filter	--	--	--	10	--	10	--	25	G	
26	Washing and cleaning of seeds eg. Sesame using gas fired boiler upto 12 MT/hr	20	--	20	10	--	10	--	37.5	G	
27	Manufacturing of Sodium Silicate using gas fired furnace	--	--	--	10	--	10	--	25	G	
28	Bedded HCE's having beds less than 30 and discharge less than 10 KLD and connected to Public sewer leading to STP and not having no laundry	12	--	12	--	--	--	--	30	G	

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Table-II, WHITE CATEGORY Left out sectors in the CPCB categorization.

Sl No	Industry Sector	W1	W2	W	A1	A2	A	H	W+A+H	Tentative Category
1	All types of toys & Doll making electrical without wet process.									W
2	Aluminium, Stainless Steel, Brass Vessel marking units having only process, spinning without use of buffing, polishing and pickling, washing, Hot/Cold rolling annealing furnace and anodizing processes.									W
4	Bee keeping									W
5	Belt Fastner units without wet process									W
6	Bio-gas									W
7	Biscuits, Pastries, Cakes, Confectionery, Bread, Bakery upto 100 kg/day									W
8	Black smithy shop									W
9	Book Binding									W
10	Candle manufacture									W
11	Chewing Tobacco packing									W
12	Coated electrode manufacturing									W
13	Dairy farming (Rural Area focal point periphery of ½ K.M.)									W
14	DPC coating of copper and aluminium weir without any wet process									W
15	Dry Grinding of spices									W
16	Embroidery									W
17	Fabrication units connected with animal drawn vehicles, trailers without any heat treatment, furnace use i.e. with no emissions.									W

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18	Finished leather goods, conversion of finished without wet process.									W
19	Fish Ponds.									W
20	Floor Polish, Nail Polish, Tooth Powder, Hair Oil, Shampoo and Tooth Paste with blending only									W
21	Fuel Dispensing only (without Automobile servicing, repairing and painting).									W
22	General Wire Industries like wire drawing, barbed wire, Chain links, making units without wet process.									W
23	Gold/Silver smithy shops with no water or chemical use.									W
24	Green House/Floriculture under Mechanized process under controlled temperature.									W
25	Hand Tools without casting.									W
26	Handicrafts by assembling only									W
27	Household appliances and kitchen equipment, without wet process.									W
28	IT industry having discharge less than 10 KLD									W
29	Jobbing and machining									W
30	Manufacture of Cement Blocks etc.									W
31	Manufacture of Steel trunks/boxes/ drums/Shutters									W
32	Mechanical clock/watches etc.									W
33	Mfg. of Transformers without poly chlorinated Hydrocarbon									W

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34	Mosaic tiles, cement pipes. Spun pipes manufacturing units								W
35	Motor and pump making without foundry and wet process								W
36	Mushroom cultivation under controlled conditions/temperature and its compost making.								W
37	Musical instrument with no wet process								W
38	Oil extracting by kohlus or expellers without Boiler								W
39	Optical Frames and glasses without wet process								W
40	Orthopaedic equipment's without casting/wet process								W
41	Packing and processing of items using Mechanized Process								W
42	Packing of Agricultural/Forest Produce under controlled Temperature (Mechanized Process)								W
43	Paints and varnishes (mixing and blending) (without ball mill) (without any wet process)								W
44	Preparation of Photo identify card by using video camera-laser printing								W
45	R.C.C Bricks								W
46	Seeds processing Units/hybrid Seeds-Mechanized process								W
47	Sericulture units								W
48	Small restaurants/coffee/Tea shops and Snack Bars(< 36 sitting capacity)								W
49	sports Goods without leather tanning & other wet process								W

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50	Typing Centre/Xeroxing									W
51	Tyre rethreading (only cold processing).									W
52	Umbrellas, Raincoats, Tarpaulins without wet process									W
53	Weigh Bridge									W
54	Weighing machines with no wet process									W
55	Welding Electrodes									W
56	Wooden and corrugated Crates and Boxes									W
57	Zip Fasteners									W
58	Atta chakkies, chilly & masala powder, powdering of spices									W
59	Body building of wooden boats & trawlers									W
60	Fish net manufacturing without dyeing									W
61	Gutka packing units									W
62	Laboratory ware including glass blowing									W
63	Maize flake & maize grit manufacturing									W
64	Optical frame without electroplating									W
65	Re – packing of finished products (dry products)									W
66	Safety match sticks									W
67	Silk twisting (excluding dyeing & de-gumming)									W
68	Sports goods									W
69	Honey processing									W
70	Diesel Generator Sets up to 15 KVA with acoustic enclosures alongwith adequate stack height									W
71	Gas generator sets up to 1 MVA with acoustic enclosures alongwith adequate stack height									W
72	Pickle manufacturing									W
73	Import and storage of									W

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	edible oil only									
74	Non-bedded HCE's (clinics, dispensaries, clinical establishment, health camps, vaccination centres, medical or surgical camps, blood donation camps, forensic laboratories, diagnostic center, Imaging center)									W
75	Building and construction projects less than 5,000 sqm. Built up area (discharge less than 10 KLD) and connected to Public sewer leading to STP									W
76	Bamboo and cane production (only drying)									W
77	Scientific insulation and other coated paper (only dry process)									W
78	PVC goods moulding through electrical extrusion process									W
79	Railway slippers (only concrete)									W
80	Mineralized water									W
81	Earthen wares/potteries of electrical heating									W
82	Dry cleaning without using water and boiler									W
83	Paper lamination									W
84	Milk collection centre and cream separators									W
85	Ice – cream, kulfi with freezer									W
86	Noodles, dough products, ban mango, papad (cold process)									W
87	Syrup (sharbat)									W
88	Rice husking									W
89	Gazak, Gurdani, Revadi, Namkeen (using electric heating only)									W

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90	Manufacturing of bidi, cigar, charoot, zarda, chewing tobacco, allied products (manually)									W
91	Paper stamp, paper cones, paper napkins Paper Pins, 'U' Clips, pen Holders, Paper product, stationary, cone, cups, saucers, plates, envelope, dolls, toys, printing and publishing of books, computer stationary, card printing (only dry process)									W
92	Washing powders (manual mixing)									W
93	Wooden carpentry work, doors, windows, frame boxes, packing cases and furniture, fixtures, trays, rolls structural and allied products									W
94	Niwar tape, lade and other yarn products (weaving only)									W
95	Sheet metal fabrication									W
96	Metal wire drawing, wiremesh conduit pipe (cold process only)									W
97	Belts, nuts, acrown (machining only)									W
98	Balances (assembling)									W
99	Steel furniture, sofas, vaults, almirahs, trunk, drum, tanks, container, rolling shutters (sheet metal work)									W
100	Electric motors & alternators (assembling work)									W
101	Calculating machine and computers (assembling)									W
102	Bags, briefcase / suitcase, beddings, purse, belts (stiching)									W

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103	Wear (with finish raw material)									W
104	Optional and photographic instruments (assembling)									W
105	Pen, pencils, eraser and Shrapner									W
106	Plumbing and fixtures (job work)									W
107	Precision instruments (assembling)									W
108	Manufacturing of rickshaws, tanga, bullock carts (hand drawn vehicles assembly only)									W
109	All types of household and agricultural items repair and manufacturing servicing (job work)									W
110	Imitation jewellery (without electroplating/polishing)									W
111	M.S. Storage tanks									W
112	Hand locks									W
113	Screw drivers									W
114	Seat cushions									W
115	Seed bins									W
116	Storage bins-steel									W
117	Tin trays									W
118	Wheat and paddy threshers									W
119	Wheel chairs for invalids									W
120	Wire gauge, wire netting (metallic)									W
121	Drinking straws									W
122	Dry distampers (without klin / furnace)									W
123	File cover, file board and letter pads									W
124	Wax coated paper									W
125	Toilet paper rolls & sheet									W
126	Stickers, labels and transfer labels									W
127	Paper napkins including facial tissue napkins									W

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128	Blew and Compression moulded plastic goods									W
129	Latex rubber balloons									W
130	Plastic bottle caps									W
131	P.P.Film and all types of co-extruded films for packing									W
132	P.P./HDPE box strapping									W
133	Polyster sheets (manual fabrication but not manufacturing surgical gloves)									W
134	Cable drum for ACC & ACSR conductors									W
135	Wood seasoning plant									W
136	Teak sheet plywood									W
137	Teak fabricated mould block									W
138	Wooden beats (including mechanized)									W
139	Cotton belting and belt lacing									W
140	Kural mats									W
141	Measuring tapes cotton									W
142	Sanitary towels									W
143	Shoe-laces, file tags, and racking materials									W
144	Staple machines									W
145	Cuffe links, tie pins									W
146	Sewing machine (assembly)									W
147	Printing press									W
148	Boot polish									W
149	Coir mattresses (without boiler)									W
150	PVC pipe, cables and wire									W
151	Gum tapes									W
152	Canvas goods									W
153	Safety pins									W
154	RCC pipe & fittings									W
155	Perfumes (only formulation)									W
156	Diesel engine assembly									W

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**U.P. POLLUTION CONTROL BOARD,  
TC-12V, VIBHUTI KHAND, GOMTI NAGAR,  
LUCKNOW**

Ref. No. 157070 /C-4/SA-62/2021

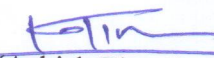
Date- 24-2-2021

Pursuant to the modified direction under section-18(1)(b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 regarding harmonization of classification of Industrial sectors under RED/ORANGE/ GREEN/ WHITE category vide letter no. B-29012/ESS(CPA)/2015-16 dated 07-03-2016 circulated final report on revised categorization of industrial sectors under RED/ORANGE/GREEN/ WHITE has been evolved on the basis of range of Pollution Index. 'Categorization' is based on the relative pollution potential of the industrial sectors and grouping of the industrial sectors based on the use of raw materials, manufacturing process adopted and pollutants likely to be generated.

Further, In compliance to the Hon'ble NGT order dated 05.10.2020 in the matter of OA no.-214/2020 Dr. Sharad Gupta Vs Centre Pollution Control Board and others. A dispute was raised in White category at Serial No.- 18 uploaded on the Board's website vide this office letter no.- G29267/C-4/SA-62/2019 dated 09.01.2019. The white category list of left out sectors of CPCB list, prepared by UPPCB was re-examined and following clarification has been made in the previous list at different Serial Nos. which are as under:-

S.No	Industry Sector (Old)	Industry Sector (New)	Tentative Category
7.	Biscuits, Pastries, Cakes, Confectionery, Bread, Bakery upto 100 kg/day	Biscuits, Pastries, Cakes, Confectionery, Bread, Bakery upto 100 kg/day (Using LPG/Electric oven)	White
8.	Black smithy shop	Black smithy shop (Using LPG only)	White
10.	Candle Manufacture	Candle Manufacture (Using LPG only)	White
13.	Dairy farming (Rural Area focal point periphery of ½ K.M.)	Dairy farming (Less than 15 Milching animals)	White
18.	Finished leather goods, conversion of finished without wet process.	Leather footwear and leather products (excluding tanning, wet process and use of adhesive)	White
118.	Wheat and paddy threshers	Wheat and Paddy threshers (seasonal use in harvesting field only)	White

Note- All the conditions mentioned vide earlier office order dated G29267/C-4/SA-62/2019 dated 09.01.2019 will remain unchanged.

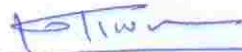
  
(Ashish Tiwari)  
Member Secretary

**Note No.1:** The exemption from obtaining consent of the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981 and Hazardous Waste Management Rules, 2016 for the above mentioned 156 White Category of industries, if the unit satisfies the following conditions:-

- i) That the industry is established/being established in the demarcated Industrial Estates/Zones classified by the State Authorities viz UPSIDC, Department of Industries, Avas Vibhag under draft Master Plan or in mixed category area of predominantly Industrial areas within Municipal limit or a Town/City after classification of the area by other concerned Departments.
- ii) That the investment of the industry is not more than Rs. 5 Crore on plant and machinery.
- iii) That there will not be any discharge of trade effluent from the industry into steam or well or sewer or onto land and/or that industry will not discharge any air pollution including noise into the atmosphere.
- iv) That the industry will not discharge any toxic/hazardous wastes and will not handle any toxic/hazardous chemical.
- v) All such units identified as "Producers" under the provisions of The Plastic Waste Management Rules, 2016 i.e. that is persons engaged in manufacture or import of carry bags or multilayered packaging or plastic sheets or like, and includes industries or individuals using plastic sheets or like or covers made of plastic sheets or multilayered packaging for packaging or wrapping the commodity shall comply with "Extended Producer's responsibility for environmentally sound management of the product until the end of his life.

In case industry is found to create conditions that generate any type of pollution or if there is any objection from the surrounding community and if on verification, it is found that such objection has some substance, the Board shall be at liberty to take legal action against the industry under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 or Environment (Protection) Act, 1986 as considered appropriate.

**Note No.2:** The industries which falls under white category of industries and have installed DG set of capacity more than 15 KVA and less than 1 MVA, such industries shall obtain consent only for the DG set under green category.

  
( Ashish Tiwari )

Member Secretary