

23.	11	Coal washeries	15	10	25	15	-	15	-	50	R-O	i. Wet washeries are mainly water polluting industry generating effluents which are having inorganic SS & TDS. Additionally, air pollution due to PM emissions is also generated. ii. Water & air pollution scores are jointly normalized to 100. Water and air polluting both.
24.	16	Dairy and dairy products (small scale)	20	--	20	20	--	20	--	50	O-O	Mainly air polluting. air pollution score is normalized to 100.
25.	18	DG set of capacity >1MW but < 5MW	--	--	--	20	--	20	--	50	O-O	Mainly air polluting industry. Final score is the normalized air pollution score.
26.	17	Dry coal processing, mineral processing, industries involving ore sintering, pelletsising, grinding & pulverization	-	-	-	20	-	20	-	50	R-O	i. Mainly water polluting industry. This is the normalized water pollution score for units having discharge < 100 KLD. ii. For the units having discharge > 100 KLD, the normalized water pollution score will be 75 and shall be accordingly categorized as Red.
27.	19	Fermentation industry including manufacture of yeast, beer, distillation of alcohol (Extra Neutral Alcohol)	20	-	20	-	-	-	-	50	R-O	i. Mainly air polluting. This score is applicable to secondary production of ferrous & non-ferrous metals (excluding lead) up to 1 MT/hour production.
28.	21	Ferrous and Non-ferrous metal extraction involving different furnaces through melting, refining, re-processing, casting and alloy-making	-	-	-	15	5	20	10	50	R-O	

												iii. For lead, the normalized air pollution score will be $= (100 \times 25) / 40 = 62.5$ and is categorized as Red.
												iv. For Induction furnace clubbed with AOD furnace - separate calculation shall be made based on the capacity of the furnaces. In such industries, the molten metal from induction furnace is transferred to AOD furnace where other metals like manganese and nickel are added to get the metal of desired constituents. The lime and silicon are also added for reduction of the metal oxides to the base metal. The normalized air pollution score will be $= (100 \times 25) / 40 = 62.5$ and is categorized as Red.
29.	26	Fertilizer (granulation / formulation / blending only)	--	--	--	20	--	20	--	50	0-0	Air polluting.
30.	27	Fish feed, poultry feed and cattle feed	--	--	--	20	--	20	--	50	0-0	Obnoxious odour, H2S etc. Air pollution score is normalized to 100
31.	28	Fish processing and packing (excluding chilling of fishes)	20	--	20	--	--	--	--	50	0-0	Mainly water polluting. Water pollution score is normalized to 100

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32	31	Forging of ferrous and non-ferrous metals (using oil and gas fired furnaces)	--		20	--	20		50	O-Q	Heating furnace. Mainly air polluting.	
33	32	Formulation/pelletization of camphor tablets, naphthalene balls from camphor/ naphthalene powders.	--	-	20	--	20		50	O-Q	Mainly air polluting. Emissions of Benzene, etc. are expected.	
34	33	Glass ceramics, earthen potteries and tile manufacturing using oil and gas fired kilns, coating on glasses using cerium fluorides and magnesium fluoride etc.	--	-	20	--	20		50	O-Q	Mainly air polluting. Emissions of SO2 are expected.	
35	35	Gravure printing, digital printing on flex, vinyl	20	--	20	--	20	10	50	O-Q	Waste waters, emissions of VOCs	
36	36	Heat treatment using oil fired furnace (without cyaniding)	--	--	20	--	20	--	50	O-Q	Mainly air polluting and noise generating. AP Score is normalized to 100.	
37	28	Hot mix plants	-	-	20	-	20	-	50	R-Q	Mainly air polluting. Air pollution scores are normalized to 100.	
38	37	Hotels (< 3 star) or hotels having > 20 rooms and less than 100 rooms.	20	--	20	--	20	--	> 50	O-Q	Mainly water polluting. WP score is normalized to 100.	
39	38	Ice cream	20	--	20	--	20	--	50	O-Q	Wash-water and boilers / oven for pasteurization	
40	34	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW(M, H& TBM) rules, 2008 - Items namely	-	-	20	0	20	0	50	R-Q	Mainly air polluting. Air pollution score is normalized to 100	
		Paint and ink Sludge/residues										
41	34	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	10	-	10	20	-	20	10	50	R-Q	Mainly air polluting.

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		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 form.							
42.	35	Industry or processes involving foundry operations	-	-	20	20	50	R-O	i. This score is valid for the foundries having capacity < 5 MT/hr as such units require the coal/coke @ < 500 kg/hr ii. The units having capacity of 5 MT/hr and more, the coal/coke consumption will be more than 500 kg/hr and the normalized score will be 62.5 and classified accordingly as Rec.
43.	40	Lime manufacturing (using lime kiln)	-	-	20	20	50	R-Q	Mainly air polluting
44.	41	Liquid floor cleaner, black phenyl, liquid soap, glycerol mono-stearate manufacturing	20	--	20	20	50	C-Q	Both air and water pollutants are generated.

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45.	42	Manufacturing of glass	10	-	-	20	-	20	-	50	R-O	i. Mainly air polluting (melting at 1500°C and refining. ii. In case of lead glass the score of A1 will be 25 and accordingly the normalized scores will be 62.5 i.e. Red
46.	43	Manufacturing of iodized salt from crude/ raw salt	12	--	12	20	--	20	--	50	O-O	Boiling in Evaporators (multiple effect evaporators), centrifuging, iodization with KIO3 mixing. Mainly air polluting. Air pollution score is normalized to 100.
47.	42	Manufacturing of mirror from sheet glass	--	--	--	20	--	20	--	50	O-O	Evaporator & furnace for heating the metal to be applied as reflector on mirror. Mainly air polluting.
48.	44	Manufacturing of mosquito repellent coil	--	--	--	20	--	20	--	50	O-O	Mainly air polluting. Toxic fumes are expected.
49.	46	Manufacturing of Starch/Sago	25	-	25	15	-	15	-	50	R-O	i. Water and air polluting industry. Boiler is used for steam generation. ii. Water & air pollution scores are normalized to 100
50.	46	Mechanized laundry using oil fired boiler	20	--	20	20	--	20	--	50	O-O	Both air and water pollution are generated.
51.	47	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)	--	--	--	20	--	20	--	50	O-O	1. Mainly air polluting. Boiler as well as VOCs from use of adhesives. 2. Without boiler, it will be a Green category industry.
52.	50	New highway construction project	-	-	-	20	-	20	-	50	R-O	Mainly air polluting project.

53.	51	Non-alcoholic drinks & bottling of alcoholic products	20	-	20	15	5	20	-	50	R-O	Both air and water polluting. Score is normalized with air & water pollution. This score is valid for industries having waste-water generation < 100 KLD. For the units having waste-water generation > 100 KLD the normalized score would be 62.5 and categorized as 'red'.
54.	49	Paint blending and mixing (Ball mill)	20	-	20	20	-	20	10	50	O-C	Both air and water pollution are generated.
55.	62	Paints and varnishes (mixing and blending)	20	0	0	20	0	20	0	50	G-O	Waste-waters as well as fumes of VOCs due to solvents, pigments, varnishes.
56.	51	Ply-board manufacturing including Veneer and laminate) with oil fired boiler/ thermic fluid heater(without resin plant)	0	-	0	20	-	20	-	50	O-O	Mainly air polluting because of use of boiler. AP score is normalized to 100.
57.	52	Potable alcohol (IMFL) by blending, bottling of alcohol products	20	-	20	-	-	-	-	50	O-O	Mainly water polluting. WP score is normalized to 100.
58.	54	Printing ink manufacturing	20	-	20	20	-	20	-	50	O-O	1. Pigments, binders and solvents are used. 2. Boiler is also used. 3. Emissions of VOCs take place.
59.	70	Printing press	20	0	20	20	0	20	0	50	G-O	Colored waste-waters containing dyes and VOC emissions are generated.
60.	59	Reprocessing of waste plastic including PVC	20	-	20	20	-	20	-	50	O-O	Large quantities of wash-water and fugitive emissions are generated.
61.	61	Rolling mill (oil or coal fired) and cold rolling mill	10	-	10	20	-	20	-	50	O-O	Mainly air polluting. Air pollution score is normalized to 100. Others: cooling water and recyclable waste oils etc. are generated.
62.	67	Spray painting, paint baking, paint shipping	-	-	-	20	-	20	10	50	O-O	Mainly air polluting. Emissions of VOCs and HC are generated.

63.	72	Steel and steel products using various furnaces like blast furnace / open hearth furnace / induction furnace / etc. furnace / submerged arc furnace / basic oxygen furnace / hot rolling / heated furnace / Stone processing	10	10	20	20	20	20	20	50	R-O	i. Mainly air polluting. The industries, where carbon, manganese, nickel etc are also present. ii. Air pollution score is normalized to 100.
64.	73	Stone processing	-	-	20	-	-	-	-	50	R-O	Mainly air pollution. Air pollution score is normalized to 100.
65.	75	Surgical and medical products including prophylactics and latex	20	20	20	-	20	20	20	50	R-O	Both air as well as water polluting. Air and water pollution scores are normalized to 100.
66.	85	Tephlon based products	0	0	0	20	0	20	0	50	G-O	Due to spraying applications, emissions (HC) are generated
67.	70	Thermocol manufacturing (with boiler)	-	-	20	-	20	-	-	50	O-O	Polystyrene is heated. Mainly air polluting with boiler.
68.	82	Tobacco products including cigarettes and tobacco/opium processes	20	20	20	-	20	-	-	50	R-O	Such industries generate both air as well as water pollution. These scores are normalized to 100.
69.	72	Transformer repairing/ manufacturing (dry process only)	-	-	20	-	20	-	10	50	O-O	Mainly air polluting because of ovens, shot blasting etc.
70.	73	Tyres and tubes vulcanization/ hot retreating	10	10	20	-	20	-	-	50	O-O	Mainly air polluting. Emissions of PM, VOCs and obnoxious odour are generated.
71.	83	Vegetable oil manufacturing including solvent extraction and refinery / hydrogenated oils	20	20	15	5	10	10	-	50	R-O	i. All sorts of pollution are generated. ii. This score is valid for plants having wastewater generation < 100 KLD.
72.	74	Wire drawing and wire netting	20	-	20	-	-	-	-	50	O-O	iii. If the wastewater generation is more than 100 KLD, the unit shall be classified as R-O. Mainly water pollution. WPF score is normalized to 100.

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73.	21	Dry cell battery (excluding manufacturing of electrodes) and assembling & charging of acid lead battery on micro scale	30	-	30	15	-	15	10	55	O-O	Water and air polluting both.
74.	50	Pharmaceutical formulation and for R & D purpose (for sustained release/ extended release of drugs only and not for commercial purpose)	20	-	20	20	-	20	15	55	O-O	i. All sorts of pollution are generated. ii. R&D activities are to be shifted to Rind category.
75.	78	Synthetic resins	20	-	20	20	-	20	15	55	R-O	All sorts of pollutant are generated.
76.	79	Synthetic rubber excluding molding	20	-	20	20	-	20	15	55	R-O	i. Most synthetic rubber is created from two materials, styrene and butadiene. Both are currently obtained from petroleum. ii. Process is similar to a part of Petrochemical plants.
77.	9	Cashew nut processing	25	-	25	20	-	20	-	56	O-O	Normal water and air polluting.
78.	12	Coffee seed processing	25	-	25	20	-	20	-	56	O-O	Normal water & air polluting industry.
79.	57	Parboiled Rice Mills	25	-	25	20	-	20	-	56	R-O	i. Rice Mills are generating both air and water pollution. Waste-waters are having high strength in respect of BOD. ii. This is the normalized air & water pollution score for units having waste-water generation < 100 KLD and fuel consumption less than 12 MT/D iii. For units having waste-water generation > 100 KLD or fuel consumption > 12 MT/D or both, the units to be classified as Rec

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80.	29	Foam manufacturing	--	--	--	20	--	20	15	58	O-O	i. Raw material is polyurethane, latex etc.
81.	34	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.	10	0	10	20	0	20	15	58.33	R-O	ii. Emissions of VOCs and HAPs, CH3Cl2 and similar compounds as blowing agents. iii. Outdated raw materials and spoiled slots are discarded as HW.
82.	34	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.	-	-	-	20	0	20	15	58.33	R-O	Mainly air polluting and hazardous waste generating industry. Air pollution & HW scores are normalized to 100.
83.	56	Producer gas plant using conventional up drift coal gasification { linked to rolling mills glass and ceramic industry refectories for dedicated fuel supply)	--	--	--	20	--	20	15	58.33	O-O	Mainly air polluting & tar (HW) generating. SO2, CO, NOx are generated. Tar is the by-product and utilized by other industries in co-processing.

Note :

i. Under the column Revised Category, the full forms of the abbreviations are as follows :

- R-R means original category was Red and revised category is also Red
- R-O means original category was Red and revised category is Orange
- O-O means original category was Orange and revised category is also Orange
- O-G means original category was Orange and revised category is Green
- O-W means original category was Orange and revised category is White
- G-O means original category was Green and revised category is Orange
- G-G means original category was Green and revised category is also Green
- G-W means original category was Green and revised category is White

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ii. There are specific remarks in respect of some of the industrial sectors. These sectors are either merged with other relevant sectors or deleted due to duplication / vague category. The overall details are as follows:

Sl No	Origin of Sl No.	Industry Sector	Original Category	Remarks
1	24	Excavation of sand from the river bed (excluding manual excavation)	O	Since such types of activities cause ecological disturbances, the instructions issued by the government from time to time be followed. To be categorized by MoEF&CC. Vast variety of such projects come under such category. This is to be decided by the concerned SPCB in line of EIA Notification, 2006.
2	39	Infrastructure Development Project	O	
3	53	Power press	O	
				Very vague term hence deleted. Such types of general engineering units have already been covered.

Table G-4 : Final List of Green Category of Industrial Sectors

Sl. No.	Orgnl Sl. No.	Industry Sector	W1	W2	W	A1	A2	A	H	W+A+H	Revised Category	Remarks
1.	2	Aluminium utensils from aluminium circles by pressing only (dry mechanical operation)	--	--	--	10	--	10	--	25	G-G	Minor air pollution due to some fugitive PM emissions from buffing operations.
2	6	Ayurvedic and homeopathic medicines (without boiler)	10	--	10	--	--		--	25	G-G	Small quantities of waste-waters are generated from washing operations.
3.	8	Bakery / confectionery / sweets products (with production capacity <1tpd (with gas or electrical oven)	10	--	10	--	--	--	--	25	G-G	Small quantities of waste-waters are generated from washing operations.
4	6	Bi-axially oriented PP film along with metalizing operations	10	--	10	--	--	--	--	25	O-G	Mainly extrusion process involving cooling water recirculation
5.	10	Biomass briquettes (sun drying) without using toxic hazardous wastes	--	--	--	10	--	10	--	25	G-G	Minor air pollution due to some fugitive PM emissions from pulverization / mining operations.
6.	13	Blending of melamine resins & different powder, additives by physical mixing	--	--	--	10	--	10	--	25	G-G	Minor air pollution due to some fugitive PM emissions from pulverization / mixing operations.
7.	15	Brass and bell metal utensils manufacturing from circles(dry mechanical operation without re-rolling facility)	--	--	--	10	--	10	--	25	G-G	Minor air pollution due to some fugitive PM emissions from buffing operations.
8.	16	Candy	10	--	10	10	--	10	--	25	G-G	Small quantities of waste-water and minor

9.	17	Cardboard or corrugated box and paper products (excluding paper or pulp manufacturing and without using boilers)	--	-	--	10	--	10		25	G-C	PM emissions are generated. This score is valid with Small gas / electricity operated oven / furnace for making glue.
10.	18	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.	--	--	--	10	--	10		25	G-C	Minor air pollution due to some fugitive PM emissions from cutting operations.
11.	19	Cement products (without using asbestos / boiler / steam curing) like pipe, pillar, jaffri, well ring, block/tiles etc. (should be done in closed covered shed to control fugitive emissions)	--	--	--	10	--	10		25	G-C	Minor air pollution due to some fugitive PM emissions from mixing operations.
12.	20	Ceramic colour manufacturing by mixing & blending only (not using boiler and wastewater recycling process)	--	--	--	10	--	10		25	G-C	Minor air pollution due to some fugitive PM emissions.
13.	11	Chilling plant, cold storage and ice making	10	--	10	--	--	--	--	25	O-C	Cooling water recirculation only.
14.	13	Coke briquetting (sun drying)	--	--	--	10	--	10	--	25	O-C	Mainly air polluting industry. Sources of air pollution (PM) are pulverizers and mixers. Air pollution score is normalized to 100.
15.	28	Cotton spinning and weaving (small scale)	--	--	--	10	--	10		25	G-C	Minor PM emissions from spinning process.
16.	17	Dal Mills	--	--	--	10	--	10		25	O-C	Some fugitive emissions of PM.

17.	29	Decoration of ceramic cups and plates by electric furnace	--	--	--	10	--	10	--	25	G-G	Fumes of enamels. Minor air pollution.
18.	19	Digital printing on PVC clothes	--	--	--	10	--	10	--	25	O-G	Minor emissions / odour generations are expected.
19.	25	Facility of handling, storage and transportation of food grains in bulk	--	--	--	10	--	10	--	25	O-G	Some fugitive emissions of PM during handling of grains.
20.	36	Flour mills (dry process)	--	--	--	10	--	10	--	25	G-G	Fugitive dust emissions.
21.	41	Glass, ceramic, earthen potteries, tile and tile manufacturing using electrical kiln or not involving fossil fuel kiln	--	--	--	10	--	10	--	25	G-G	Minor fugitive emissions only.
22.	34	Glue from starch (physical mixing) with gas / electrically operated oven / boiler.	--	--	--	10	--	10	--	25	O-G	Some fugitive emissions of PM during mixing of raw materials.
23.	42	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)	--	--	--	10	--	10	--	25	G-G	Minor fumes from cleaning process.
24.	36	Heat treatment with any of the new technology like ultrasound probe, induction hardening, ionization beam, gas carburizing etc.	10	--	10	10	--	10	--	25	O-G	- Cooling waters and minor heat fumes. - Finalization of categorization subject to field verification.
25.	46	Insulation and other coated papers (excluding paper or pipe manufacturing)	--	--	--	10	--	10	--	25	G-G	Minor fumes due to application of polyurethane
26.	49	Leather foot wear and leather products (excluding tanning and hide processing except cottage scale)	--	--	--	10	--	10	--	25	G-G	Minor fumes due to use of adhesives / gums.

27.	50	Lubricating oil, greases or petroleum based products (only blending at normal temperature)	--	--	--	10	--	10	--	25	G-G	Minor fumes at the time of transfers from one container to other.
28.	54	Manufacturing of pasted veneers using gas fired boiler or thermic fluid heater and by sun drying	--	--	--	10	--	10	--	25	G-G	Minor fumes due to application of gums / adhesives / pastes etc. 2. This score is valid only for gas fired boiler. The units having coal fired boilers shall be categorized as Orange.
29.	59	Oil mill (Crani and extraction (no hydrogenation / refining)	10	--	10	--	--	--	--	25	G-G	Small quantities of floor washings & equipments washings are generated. Some fugitive emissions of PM are expected.
30.	48	Packing materials manufacturing from non asbestos fibre, vegetable fibre yarn	--	--	--	10	--	10	--	25	O-G	
31.	65	Phenyl/toilet cleaner formulation and bottling	--	--	--	10	--	10	--	25	G-G	Minor fumes of VOCs in the work zone
32.	67	Polythene and plastic processed products manufacturing (virgin plastic)	10	--	10	10	--	10	--	25	G-G	Cooling water & emissions due to mixing of raw materials.
33.	68	Poultry, Hatchery and Piggery	--	--	--	10	--	10	--	25	G-G	(b)noxious odour containing H ₂ S, CH ₄ etc. and fugitive PM emissions
34.	69	Power looms (without dye and bleaching)	--	--	--	10	--	10	--	25	G-G	Minor emissions of PM.
35.	71	Puffed rice (muri) (using gas or electrical heating system)	--	--	--	10	--	10	--	25	G-G	Minor emissions of PM.
36.	57	Pulverization of bamboo and scrap wood	--	--	--	10	--	10	--	25	O-G	Some fugitive emissions of PM are expected
37.	72	Ready mix cement concrete	--	--	--	10	--	10	--	25	G-G	PM emissions.
38.	73	Reprocessing of waste cotton	--	--	--	10	--	10	--	25	G-G	PM emissions.
39.	60	Rice mill (rice hullers only)	--	--	--	10	--	10	--	25	O-G	PM emissions are generated. Mostly air

53.	15	Hotel (up to 20 rooms and lifts, boilers)	12		12	--	--	--	30	G-G	This score is valid for hotels having overall waste-water generation less than 10 KLD.
53.	53	Manufacturing of optical lenses using electrical (surfact)	12		12	--	--	--	30	G-G	Small quantities of waste-waters (containing TDS, SS are generated)
54.	58	Mineralized water (surfact)	12	--	12	--	--	--	30	G-G	RO Rejects.
55.	68	Tanned powder manufacturing	12	--	12	15	--	15	33.75	O-G	- Dried tamarind fruits - cleaned and after soaking them in water they are boiled in steam jacketed kettle for about 40-45 minutes. Then pulp is extracted in pulper and dried in drum type drier and on cooling, the final product is packed. - Generates small quantities of waste waters and air emissions. Joint score is normalized to 100.
56.	15	Cutting, sizing and polishing of marble stone	15	--	15	--	--	--	37.5	O-G	Mainly water polluting. Water pollution score is normalized to 100.
57.	22	Emery powder (fine dust of sand) manufacturing	--	--	--	15	--	15	37.5	O-G	Air polluting. PM emissions take place during various stages of grindings of naturally occurring minerals.
58.	25	Hyash export, transport & disposal facilities	--	--	--	15	--	15	37.5	R-G	- This is mainly air polluting activity. - This is the normalized score based on air pollution.
59.	48	Mineral stock yard / Railway sidings	15	--	15	15	--	15	37.5	R-G	Mainly air pollution due to loading, unloading, storage and transportation of the minerals.

												Waste-water generation mainly during rains only.
60.	54	Oil and gas transportation pipeline	-	-	-	10	5	15	-	37.5	R-G	- Contains small gas based power plants up-to 5 MWs. - Air pollution score is normalized to 100. - In case , if these power plants are bigger / liquid fuel / oil based, scores will be calculated accordingly.
61.	64	Seasoning of wood in steam heated chamber	--	--	--	15	--	15	--	37.5	O-G	Air pollution due to use boiler for supply of steam. Air pollution score is normalized to 100.
62.	84	Synthetic detergent formulation	--	--	--	15	--	15	--	37.5	G-G	- This score is valid for the industries which are not manufacturing LABSA. It is procured from outside. - Small quantities of emissions are generated from mini boiler. - Air pollution score is normalized to 100.
63.	69	Tea processing (with boiler)	--	--	--	15	--	15	--	37.5	O-G	With boiler, it is an orange category industry. Without boiler, it will be green category industry.

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Note:

- i. Under the column Revised Category, the full forms of the abbreviations are as follows:
- R-K means original category was Red and revised category is also Red
 - R-O means original category was Red and revised category is Orange
 - O-O means original category was Orange and revised category is also Orange
 - O-G means original category was Orange and revised category is Green
 - O-W means original category was Orange and revised category is White
 - G-O means original category was Green and revised category is Orange
 - G-G means original category was Green and revised category is also Green
 - G-W means original category was Green and revised category is White

- ii. There are specific remarks in respect of some of the industrial sectors. These sectors are either merged with other relevant sectors or deleted due to duplication. The overall details are as follows:

Sl No	Origin of Sl No.	Industry Sector	Original Category	Remarks
1	47	Jobbing and Machining	G	Vague category to be deleted, as such activities have already been covered in other categories.
2	66	Reel manufacturing	G	Already covered in other categories. Hence, deleted
3	1	Assembling of acid lead batteries (up to 10 batteries per day excluding lead plate casting)	G	Already covered in Orange category. Hence, deleted
4	5	Automobile fuel outlets (only dispensing)	G	Minor air pollution due to some fugitive emissions during fuel filling operations. May be exempted from the purview of Consent management.
5	30	Diesel generator sets (15 KVA to 1 MVA)	G	- Normal operation - 12 hrs a day. - Consumption of diesel = 1680 litres for 1 MVA DG set at full load @ 0.21 litres / KVA / hr. - Stand-alone DG Sets having total capacity 1 MVA or less and equipped with acoustic enclosures alongwith adequate stock height may be exempted from the purview of Consent management. Higher capacity DG sets have already been covered under Red / Orange categories.

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Table G-5: Final List of White Category of Industries

Sl. No.	Orgnl Sl. No.	Industry Sector	W1	W2	W	A1	A2	A	H	W+A+H	Revised Category
1.	3	Assembly of air coolers / conditioners ,repairing and servicing	--	--	--	--	--	--	--	--	G-W
2.	4	Assembly of bicycles ,baby carriages and other small non motorizing vehicles	--	--	--	--	--	--	--	--	G-W
3.	7	Bailing (hydraulic press)of waste papers	--	--	--	--	--	--	--	--	G-W
4.	9	Bio fertilizer and bio-pesticides without using inorganic chemicals	--	--	--	--	--	--	--	--	G-W
5.	11	Biscuits trays etc from rolled PVC sheet (using automatic vacuum forming machines)	--	--	--	--	--	--	--	--	G-W
6.	12	Blending and packing of tea	--	--	--	--	--	--	--	--	G-W
7.	14	Block making of printing without foundry (excluding wooden block making)	--	--	--	--	--	--	--	--	G-W
8.	21	Chalk making from plaster of Paris (only casting without boilers etc. (sun drying / electrical oven)	--	--	--	--	--	--	--	--	G-W
9.	25	Compressed oxygen gas from crude liquid oxygen (without use of any solvents and by maintaining pressure & temperature only for separation of other gases)	--	--	--	--	--	--	--	--	G-W
10.	27	Cotton and woolen hosiery making (Dry process only without any drying / washing operation)	--	--	--	--	--	--	--	--	G-W
11.	31	Diesel pump repairing and servicing (complete mechanical dry process)	--	--	--	--	--	--	--	--	G-W
12.	33	Electric lamp (bulb) and CFL manufacturing by assembling only	--	--	--	--	--	--	--	--	G-W

(12)

33.	76	Scientific and mathematical instrument manufacturing	--	--	--	--	--	--	--	G-W
34.	78	Solar module non conventional energy apparatus manufacturing unit	--	--	--	--	--	--	--	G-W
35.	79	Solar power generation through solar photovoltaic cell, wind power and mini hydel power (less than 25 MW)	--	--	--	--	--	--	--	G-W
36.	83	Surgical and medical products assembling only (not involving effluent / emission generating processes)	--	--	--	--	--	--	--	G-W

- R-R means original category was Red and revised category is also Red
- R-O means original category was Red and revised category is Orange
- O-O means original category was Orange and revised category is also Orange
- O-G means original category was Orange and revised category is Green
- O-W means original category was Orange and revised category is White
- G-O means original category was Green and revised category is Orange
- G-G means original category was Green and revised category is also Green
- G-W means original category was Green and revised category is White



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
(पर्यावरण एवं वन मंत्रालय, भारत सरकार)
(MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA)

No. B-29012/ESS/CPA/2015-16

19.08.2015

Sub: "Harmonization of Classification of industries under Red / Orange / Green / White Categories".

During the Conference of the Environment Ministers of States held in New Delhi during April 06-07, 2015, it was resolved to adopt pollution potential criteria for categorization of Red, Orange & Green categories of industries and that a Committee be constituted with State representatives. Further, in the 59th Conference of Chairmen & Member Secretaries of Pollution Control Boards/PCCs held in New Delhi on April 08, 2015, it was agreed to constitute a Committee to look into categorization system of industries based on their respective pollution potential index.

- Accordingly, a Committee comprising the Chairmen of CPCB, APPCB, TNPCB, MPCCB, MPCB, PPCB, WBPCB and MS, CPCB was constituted vide CPCB OM dated 23.04.2015 to review & classify industrial sectors into different categories based on criteria of respective pollution potential indices.
- The existing Red (85 sectors) , Orange (73 sectors) and Green (86 sectors) industrial sectors have been assessed as per the proposed formula by a group of Scientists from CPCB. For this purpose, concerned Engineers / Scientists from the Member SPCBs of the Committee were also involved & consulted during May 28-29, 2015.
- After careful examination and consideration of the suggestions of concerned stake-holders the "Draft Document on Revised Concept of Categorization of Industrial Sectors" is prepared by the Committee.

In this context, the Undersigned is directed to forward a copy of the " Draft Document on Revised Concept of Categorization of Industrial Sectors to all the SPCBs, PCCs and concerned Ministries for their comments. Accordingly, the same is enclosed herewith and all the SPCBs, PCCs and concerned Ministries are, hereby requested to provide their comments by 04.09.2015. The comments may kindly be sent through hard copy as well as soft copy at e-mail: nkgupta.cpcb@nic.in, nkgpcb@hotmail.com.

Encl : As above

[N.K. Gupta]
Incharge - ESS

To:

- All the State Pollution Control Boards / Pollution Control Committees
- The Secretary, Ministry of Micro Small and Medium Enterprises, New Delhi
- The Secretary, Ministry of Heavy Industries & Public Enterprises, New Delhi
- The Advisor & Incharge, CP Division, MoEFCC, New Delhi
- CPCB Website

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