



Industry Classification Matrix of Significant Effluent Quality Parameters Based on DENR DAO 2016-08 Table 8

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1. ANIMAL PRODUCTION

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Beef Cattle Farm (including feedlot fattening)	01411	BOD, Total Suspended Solids (TSS), Total Coliform, Ammonia, Phosphate
Carabao Farm	01412	
Horse Farm / Stud Farm	01420	
Dairy Farm	01430	
Sheep Farm	01441	
Goat Farm	01442	
Deer Farm	01443	
Hog Farm / Piggery	01450	
Broiler Chicken Farm	01461	
Layer Chicken Farm	01462	
Native Chicken Farm	01463	
Duck Broiler Farm	01471	
Quail Farm	01472	
Turkey Farm	01473	
Pigeon Farm	01474	
Game Fowl Farm	01475	
Duck Layer Farm	01476	
Other Poultry Farms (N.E.C.)	01479	
Chicken Egg Production	01481	
Duck Egg Production	01482	
Quail Egg Production	01483	
Other Egg Production (N.E.C.)	01489	
Sericulture (Silkworm Farming)	01491	
Bee Farm / Apiculture	01492	
Rabbit Farm	01493	
Dog Breeding Farm	01494	
Cat Breeding Farm	01495	
Worm Farm	01496	
Frog Farm	01497	
Other Animal Farms	01498	
Raising of Other Animals, N.E.C.	01499	



2. AQUACULTURE

SPECIFIC ESTABLISHMENT	PSIC CODE	SPECIFIC PARAMETERS (DAO 2016-08 TABLE 8)
Freshwater Fish Farming (e.g., Tilapia, Carp, Catfish)	03211	BOD, Total Suspended Solids (TSS), Ammonia, Nitrate, Phosphate, Sulfate
Freshwater Fish Hatchery	03212	
Brackish water Fish Farming (e.g., Bangus/Milkfish)	03221	
Brackish water Fish Hatchery	03222	
Marine Fish Farming (e.g., Grouper, Sea Bass, Snapper)	03223	
Marine Fish Hatchery	03224	
Shrimp Farming	03231	
Shrimp Hatchery	03232	
Prawn Farming	03233	
Crab Farming	03234	
Oyster Farming	03241	
Mussel Farming	03242	
Seaweed Farming	03250	
Pearl Culture Farm	03260	
Ornamental Fish Farming	03291	
Aquarium Fish Hatchery	03292	
Frog Culture	03293	
Turtle Culture (where legally permitted)	03294	
Other Aquaculture Activities, N.E.C.	03299	

**3. MINING OF COAL & LIGNITE**

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
- Underground Coal Mining - Surface (Open-Pit/Open-Cast) Coal Mining - Coal Washing Plant - Coal Preparation Plant - Coal Screening and Sorting Facility	05100	Color, pH, Total Suspended Solids (TSS), Nitrate, Sulfate, Manganese, Iron, Arsenic, Cadmium, Mercury, Lead
- Lignite Mining - Lignite Washing and Processing Plant	05200	Color, pH, TSS, Nitrate, Sulfate, Manganese, Iron, Arsenic, Cadmium, Mercury, Lead

4. OIL AND GAS EXTRACTION

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
- Crude Petroleum Extraction - Petroleum Well Operation - Onshore Oil Field - Offshore Oil Platform	06100	pH, Total Suspended Solids (TSS), Sulfate, Fluoride, Barium, Chromium, Nickel, Copper, Zinc, Mercury, Oil & Grease, Phenol & Phenolic Substances, Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), Benzo(a)pyrene
- Natural Gas Extraction - Natural Gas Well Operation - Gas Field - Coal Bed Methane Extraction	06200	pH, TSS, Sulfate, Fluoride, Barium, Chromium, Nickel, Copper, Zinc, Mercury, Oil & Grease, Phenol & Phenolic Substances, Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), Benzo(a)pyrene
Support Activities for Oil & Gas Extraction (Drilling, Well Testing, Cementing, etc.)	09100	pH, TSS, Sulfate, Fluoride, Barium, Chromium, Nickel, Copper, Zinc, Mercury, Oil & Grease, Phenol & Phenolic Substances, BTEX, Benzo(a)pyrene

5. EXTRACTION OF CRUDE PETROLEUM & NATURAL GAS

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
- Extraction of Crude Petroleum - Onshore Oil Field Operations - Offshore Oil Field Operations - Petroleum Well Operations	06100	pH, Total Suspended Solids (TSS), Sulfate, Fluoride, Barium, Chromium, Nickel, Copper, Zinc, Mercury, Oil & Grease, Phenol & Phenolic Substances, Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), Benzo(a)pyrene
- Extraction of Natural Gas - Natural Gas Well Operations - Onshore Natural Gas Field - Offshore Natural Gas	06200	pH, TSS, Sulfate, Fluoride, Barium, Chromium, Nickel, Copper, Zinc, Mercury, Oil & Grease, Phenol & Phenolic Substances, Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), Benzo(a)pyrene

**6. MINING OF IRON ORES**

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
- Iron Ore Mining - Open-Pit Iron Ore Mine - Underground Iron Ore Mine - Iron Ore Beneficiation Plant - Iron Ore Washing Plant - Iron Ore Crushing and Screening Plant - Iron Ore Concentration Plant	07100	Color, pH, Total Suspended Solids (TSS), Nitrate, Manganese, Iron, Arsenic, Cadmium, Lead

7. MINING OF NON-FERROUS METAL ORES

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
- Gold Ore Mining - Gold Ore Beneficiation Plant - Gold Ore Processing Plant	07210	Color, pH, TSS, Nitrate, Sulfate, Copper, Zinc, Mercury, Arsenic, Cadmium, Cyanide, Lead
- Copper Ore Mining - Copper Ore Beneficiation Plant	07291	Color, pH, TSS, Nitrate, Sulfate, Copper, Zinc, Mercury, Arsenic, Cadmium, Cyanide, Lead
- Nickel Ore Mining - Nickel Ore Beneficiation Plant	07292	Color, pH, TSS, Nitrate, Sulfate, Copper, Zinc, Mercury, Arsenic, Cadmium, Cyanide, Lead
- Chromite Ore Mining - Chromite Ore Beneficiation Plant	07293	Color, pH, TSS, Nitrate, Sulfate, Copper, Zinc, Mercury, Arsenic, Cadmium, Cyanide, Lead
Manganese Ore Mining	07294	Color, pH, TSS, Nitrate, Sulfate, Copper, Zinc, Mercury, Arsenic, Cadmium, Cyanide, Lead
Silver Ore Mining	07295	Color, pH, TSS, Nitrate, Sulfate, Copper, Zinc, Mercury, Arsenic, Cadmium, Cyanide, Lead
Lead Ore Mining	07296	Color, pH, TSS, Nitrate, Sulfate, Copper, Zinc, Mercury, Arsenic, Cadmium, Cyanide, Lead
Zinc Ore Mining	07297	Color, pH, TSS, Nitrate, Sulfate, Copper, Zinc, Mercury, Arsenic, Cadmium, Cyanide, Lead
Other Non-Ferrous Metal Ore Mining,	07299	Color, pH, TSS, Nitrate, Sulfate, Copper, Zinc, Mercury, Arsenic, Cadmium, Cyanide, Lead

8. OTHER MINING & QUARRYING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Stone Quarry	08101	Color, pH, TSS, Nitrate, Sulfate
Limestone Quarry	08102	Color, pH, TSS, Nitrate, Sulfate
Marble Quarry	08103	Color, pH, TSS, Nitrate, Sulfate
Granite Quarry	08104	Color, pH, TSS, Nitrate, Sulfate
Sand Quarry	08105	Color, pH, TSS, Nitrate, Sulfate



Gravel Quarry	08106	Color, pH, TSS, Nitrate, Sulfate
Clay Quarry	08107	Color, pH, TSS, Nitrate, Sulfate
Silica Sand Mining	08108	Color, pH, TSS, Nitrate, Sulfate
Gypsum Mining	08109	Color, pH, TSS, Nitrate, Sulfate
Salt Extraction	08910	Color, pH, TSS, Nitrate, Sulfate
Peat Extraction	08920	Color, pH, TSS, Nitrate, Sulfate
Phosphate Rock Mining	08931	Color, pH, TSS, Nitrate, Sulfate
Natural Fertilizer Mineral Mining	08932	Color, pH, TSS, Nitrate, Sulfate
Gemstone Mining	08991	Color, pH, TSS, Nitrate, Sulfate
Graphite Mining	08992	Color, pH, TSS, Nitrate, Sulfate
Talc Mining	08993	Color, pH, TSS, Nitrate, Sulfate
Other Non-Metallic Mineral Mining and Quarrying, n.e.c.	08999	Color, pH, TSS, Nitrate, Sulfate

9. FOOD MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Slaughtering and Meat Packing	10101	BOD, COD, Total Suspended Solids (TSS), Oil & Grease, pH
Meat Processing and Preserving	10102	BOD, COD, TSS, Oil & Grease, pH
Poultry Dressing and Processing	10103	BOD, COD, TSS, Oil & Grease, pH
Manufacture of Processed Meat Products (Hotdog, Ham, Bacon, Sausage, etc.)	10104	BOD, COD, TSS, Oil & Grease, pH
Fish Processing	10201	BOD, COD, TSS, Oil & Grease, pH
Fish Canning	10202	BOD, COD, TSS, Oil & Grease, pH
Shrimp and Seafood Processing	10203	BOD, COD, TSS, Oil & Grease, pH
Fruit Processing and Preserving	10301	BOD, COD, TSS, pH
Vegetable Processing and Preserving	10302	BOD, COD, TSS, pH
Fruit and Vegetable Canning	10303	BOD, COD, TSS, pH
Coconut Processing	10304	BOD, COD, TSS, Oil & Grease, pH
Manufacture of Crude Coconut Oil	10401	BOD, COD, TSS, Oil & Grease, pH
Manufacture of Refined Edible Oils and Fats	10402	BOD, COD, TSS, Oil & Grease, pH
Manufacture of Margarine and Shortening	10403	BOD, COD, TSS, Oil & Grease, pH
Dairy Processing	10501	BOD, COD, TSS, Oil & Grease, pH
Milk Processing	10502	BOD, COD, TSS, Oil & Grease, pH
Cheese Manufacturing	10503	BOD, COD, TSS, Oil & Grease, pH
Ice Cream Manufacturing	10504	BOD, COD, TSS, Oil & Grease, pH
Rice Milling	10611	BOD, COD, TSS, pH
Corn Milling	10612	BOD, COD, TSS, pH
Flour Milling	10613	BOD, COD, TSS, pH
Starch and Starch Products Manufacturing	10620	BOD, COD, TSS, pH
Bakery Products Manufacturing	10710	BOD, COD, TSS, Oil & Grease, pH
Biscuits, Cookies and Crackers Manufacturing	10720	BOD, COD, TSS, Oil & Grease, pH
Sugar Milling	10731	BOD, COD, TSS, pH
Sugar Refining	10732	BOD, COD, TSS, pH
Chocolate and Confectionery Manufacturing	10740	BOD, COD, TSS, Oil & Grease, pH



Macaroni, Noodles and Similar Products Manufacturing	10750	BOD, COD, TSS, Oil & Grease, pH
Coffee Processing	10761	BOD, COD, TSS, pH
Tea Processing	10762	BOD, COD, TSS, pH
Manufacture of Condiments and Seasonings	10771	BOD, COD, TSS, pH
Ready-to-Eat and Prepared Meals Manufacturing	10772	BOD, COD, TSS, Oil & Grease, pH
Snack Food Manufacturing	10773	BOD, COD, TSS, Oil & Grease, pH
Ice Manufacturing	10790	BOD, COD, TSS, pH
Other Food Products Manufacturing, n.e.c.	10790	BOD, COD, TSS, Oil & Grease, pH
Prepared Animal Feeds Manufacturing	10800	BOD, COD, TSS, pH

10. BEVERAGE MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Distilling, Rectifying and Blending of Spirits	11010	BOD, COD, Total Suspended Solids (TSS), pH
Winery (Wine Manufacturing)	11020	BOD, COD, TSS, pH
Malt Liquor and Malt Manufacturing	11030	BOD, COD, TSS, pH
Brewery (Beer Manufacturing)	11031	BOD, COD, TSS, pH
Manufacture of Soft Drinks	11041	BOD, COD, TSS, pH
Bottled Drinking Water Manufacturing	11042	BOD, COD, TSS, pH
Mineral Water Bottling Plant	11043	BOD, COD, TSS, pH
Purified Water Bottling Plant	11044	BOD, COD, TSS, pH
Carbonated Beverage Manufacturing	11045	BOD, COD, TSS, pH
Juice Manufacturing	11046	BOD, COD, TSS, pH
Energy Drink Manufacturing	11047	BOD, COD, TSS, pH
Isotonic/Sports Drink Manufacturing	11048	BOD, COD, TSS, pH
Coffee Beverage Manufacturing	11049	BOD, COD, TSS, pH
Tea Beverage Manufacturing	11049	BOD, COD, TSS, pH
Other Non-Alcoholic Beverage Manufacturing, n.e.c.	11049	BOD, COD, TSS, pH

11. TOBACCO MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Tobacco Leaf Processing and Redrying Plant	12001	BOD, COD, Total Suspended Solids (TSS), Nicotine, pH
Tobacco Stem Processing Plant	12002	BOD, COD, TSS, Nicotine, pH
Cigarette Manufacturing Plant	12003	BOD, COD, TSS, Nicotine, pH
Cigar Manufacturing Plant	12004	BOD, COD, TSS, Nicotine, pH
Chewing Tobacco Manufacturing	12005	BOD, COD, TSS, Nicotine, pH
Snuff Tobacco Manufacturing	12006	BOD, COD, TSS, Nicotine, pH
Reconstituted Tobacco Manufacturing	12007	BOD, COD, TSS, Nicotine, pH
Other Tobacco Products Manufacturing	12009	BOD, COD, TSS, Nicotine, pH

**12. TEXTILE MANUFACTURING**

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Preparation and Spinning of Textile Fibers	13110	Color, pH, BOD, COD, TSS, Oil & Grease, Surfactants (MBAS), Sulfide, Chromium
Weaving of Textiles	13120	Color, pH, BOD, COD, TSS, Oil & Grease, Surfactants (MBAS), Sulfide, Chromium
Finishing of Textiles (Bleaching, Dyeing, Printing, Mercerizing, Finishing)	13130	Color, pH, BOD, COD, TSS, Oil & Grease, Surfactants (MBAS), Sulfide, Chromium
Knitted and Crocheted Fabric Manufacturing	13910	Color, pH, BOD, COD, TSS, Oil & Grease, Surfactants (MBAS), Sulfide, Chromium
Made-up Textile Articles (except Apparel)	13920	Color, pH, BOD, COD, TSS, Oil & Grease, Surfactants (MBAS), Sulfide, Chromium
Carpet and Rug Manufacturing	13930	Color, pH, BOD, COD, TSS, Oil & Grease, Surfactants (MBAS), Sulfide, Chromium
Rope, Cordage, Twine and Net Manufacturing	13940	Color, pH, BOD, COD, TSS, Oil & Grease, Surfactants (MBAS), Sulfide, Chromium
Non-Woven Textile Manufacturing	13950	Color, pH, BOD, COD, TSS, Oil & Grease, Surfactants (MBAS), Sulfide, Chromium
Other Technical and Industrial Textile Manufacturing	13960	Color, pH, BOD, COD, TSS, Oil & Grease, Surfactants (MBAS), Sulfide, Chromium
Other Textile Manufacturing, n.e.c.	13990	Color, pH, BOD, COD, TSS, Oil & Grease, Surfactants (MBAS), Sulfide, Chromium

13. WEARING APPAREL

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Manufacture of Wearing Apparel (Except Fur Apparel)	14100	Color, pH, BOD, COD, Total Suspended Solids (TSS)
Garment Manufacturing Plant		
Clothing Factory		
Dress Manufacturing		
Shirt and Blouse Manufacturing		
Trouser and Jeans Manufacturing		
Uniform Manufacturing		
Sportswear Manufacturing		
Underwear and Lingerie Manufacturing		
Baby Garments Manufacturing		
Workwear and Protective Clothing Manufacturing		
Manufacture of Articles of Fur	14200	Color, pH, BOD, COD, TSS
Fur Apparel Manufacturing		
Manufacture of Knitted and Crocheted Apparel	14300	Color, pH, BOD, COD, TSS



Knitted Garment Manufacturing		
Sweater Manufacturing		
Hosiery and Socks Manufacturing		

14. LEATHER MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Tanning and Dressing of Leather	15110	Color, pH, BOD, COD, Total Suspended Solids (TSS), Sulfide, Chromium
Leather Tannery		
Leather Finishing Plant		
Fur Dressing and Dyeing	15120	Color, pH, BOD, COD, TSS, Sulfide, Chromium
Luggage Manufacturing	15121	Color, pH, BOD, COD, TSS, Sulfide, Chromium
Handbag Manufacturing	15122	Color, pH, BOD, COD, TSS, Sulfide, Chromium
Wallet and Purse Manufacturing	15123	Color, pH, BOD, COD, TSS, Sulfide, Chromium
Saddlery and Harness Manufacturing	15124	Color, pH, BOD, COD, TSS, Sulfide, Chromium
Other Leather Goods Manufacturing	15129	Color, pH, BOD, COD, TSS, Sulfide, Chromium
Footwear Manufacturing	15200	Color, pH, BOD, COD, TSS, Sulfide, Chromium
Shoe Manufacturing		
Boot Manufacturing		
Sandal and Slipper Manufacturing		

15. WOOD MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Sawmill	16101	BOD, COD, Total Suspended Solids (TSS), pH
Wood Preservation and Treatment Plant	16102	BOD, COD, TSS, pH
Planing Mill	16103	BOD, COD, TSS, pH
Veneer Manufacturing	16211	BOD, COD, TSS, pH
Plywood Manufacturing	16212	BOD, COD, TSS, pH
Laminated Wood Manufacturing	16213	BOD, COD, TSS, pH
Engineered Wood Products Manufacturing	16214	BOD, COD, TSS, pH
Builders' Carpentry and Joinery Manufacturing	16221	BOD, COD, TSS, pH
Wooden Container Manufacturing	16230	BOD, COD, TSS, pH
Wooden Pallet Manufacturing	16231	BOD, COD, TSS, pH
Wooden Crate Manufacturing	16232	BOD, COD, TSS, pH
Wood Packaging Products Manufacturing	16233	BOD, COD, TSS, pH
Bamboo Products Manufacturing	16291	BOD, COD, TSS, pH
Rattan Products Manufacturing	16292	BOD, COD, TSS, pH
Cork Products Manufacturing	16293	BOD, COD, TSS, pH
Other Wood Products Manufacturing, n.e.c.	16299	BOD, COD, TSS, pH

**16. PAPER MANUFACTURING**

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Pulp Manufacturing	17011	Color, pH, BOD, COD, Total Suspended Solids (TSS), Adsorbable Organic Halides (AOX)
Paper Manufacturing	17012	Color, pH, BOD, COD, TSS, AOX
Paperboard Manufacturing	17013	Color, pH, BOD, COD, TSS, AOX
Corrugated Paper and Paperboard Manufacturing	17021	Color, pH, BOD, COD, TSS, AOX
Corrugated Containers Manufacturing	17022	Color, pH, BOD, COD, TSS, AOX
Folding Carton Manufacturing	17023	Color, pH, BOD, COD, TSS, AOX
Paper Packaging Products Manufacturing	17024	Color, pH, BOD, COD, TSS, AOX
Paper Bags Manufacturing	17025	Color, pH, BOD, COD, TSS, AOX
Household and Sanitary Paper Products Manufacturing (Tissue, Toilet Paper, Napkins)	17091	Color, pH, BOD, COD, TSS, AOX
Stationery and Office Paper Products Manufacturing	17092	Color, pH, BOD, COD, TSS, AOX
Paper Labels Manufacturing	17093	Color, pH, BOD, COD, TSS, AOX
Other Converted Paper Products Manufacturing, n.e.c.	17099	Color, pH, BOD, COD, TSS, AOX

17. PRINTING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Newspaper Printing	18110	Color, pH, COD, Total Suspended Solids (TSS), Heavy Metals
Commercial Printing (Books, Magazines, Brochures, Catalogs, etc.)	18111	Color, pH, COD, TSS, Heavy Metals
Offset Printing Plant	18112	Color, pH, COD, TSS, Heavy Metals
Digital Printing Plant	18113	Color, pH, COD, TSS, Heavy Metals
Screen Printing Plant	18114	Color, pH, COD, TSS, Heavy Metals
Flexographic Printing Plant	18115	Color, pH, COD, TSS, Heavy Metals
Gravure Printing Plant	18116	Color, pH, COD, TSS, Heavy Metals
Packaging and Label Printing	18117	Color, pH, COD, TSS, Heavy Metals
Security Printing (Checks, Passports, IDs, etc.)	18118	Color, pH, COD, TSS, Heavy Metals
Printing Services, n.e.c.	18119	Color, pH, COD, TSS, Heavy Metals
Reproduction of Recorded Media (CDs, DVDs, Digital Media, etc.)	18200	Color, pH, COD, TSS, Heavy Metals

**18. PETROLEUM MANUFACTURING**

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Coke Oven Plant	19100	pH, Total Suspended Solids (TSS), Oil & Grease, Sulfide, Phenol, Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
Petroleum Refinery	19201	pH, TSS, Oil & Grease, Sulfide, Phenol, Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
Lubricating Oil Manufacturing and Blending Plant	19202	pH, TSS, Oil & Grease, Sulfide, Phenol, BTEX
Grease Manufacturing Plant	19203	pH, TSS, Oil & Grease, Sulfide, Phenol, BTEX
Asphalt (Bitumen) Manufacturing Plant	19204	pH, TSS, Oil & Grease, Sulfide, Phenol, BTEX
Petroleum Products Blending Plant	19205	pH, TSS, Oil & Grease, Sulfide, Phenol, BTEX
Fuel Oil Manufacturing Plant	19206	pH, TSS, Oil & Grease, Sulfide, Phenol, BTEX
Diesel Fuel Manufacturing Plant	19207	pH, TSS, Oil & Grease, Sulfide, Phenol, BTEX
Gasoline Manufacturing Plant	19208	pH, TSS, Oil & Grease, Sulfide, Phenol, BTEX
Kerosene Manufacturing Plant	19209	pH, TSS, Oil & Grease, Sulfide, Phenol, BTEX

19. CHEMICAL MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Basic Industrial Chemicals Manufacturing	20110	pH, COD, Total Suspended Solids (TSS), Cyanide, Phenols, Heavy Metals, Oil & Grease
Industrial Gas Manufacturing	20120	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease
Fertilizer Manufacturing	20130	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease
Nitrogen Compound Manufacturing	20140	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease
Plastic and Synthetic Resin Manufacturing	20150	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease
Synthetic Rubber Manufacturing	20160	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease
Pesticide and Agrochemical Manufacturing	20210	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease
Paint, Varnish and Lacquer Manufacturing	20220	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease
Printing Ink Manufacturing	20230	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease
Soap and Detergent Manufacturing	20231	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease
Cleaning Compound Manufacturing	20232	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease
Perfume and Cosmetic Manufacturing	20233	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease
Adhesive and Glue Manufacturing	20291	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease



Explosives Manufacturing	20292	pH, COD, TSS, Cyanide, Phenols, Heavy Metals, Oil & Grease
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20. PHARMACEUTICAL MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Basic Pharmaceutical Products Manufacturing	21001	pH, COD, BOD, Total Suspended Solids (TSS), Oil & Grease, Phenols
Active Pharmaceutical Ingredient (API) Manufacturing	21002	pH, COD, BOD, TSS, Oil & Grease, Phenols
Pharmaceutical Preparations Manufacturing	21003	pH, COD, BOD, TSS, Oil & Grease, Phenols
Tablet Manufacturing Plant		
Capsule Manufacturing Plant		
Syrup Manufacturing Plant		
Injectable (Sterile) Products Manufacturing		
Ointment and Cream Manufacturing		
Vaccine Manufacturing		
Biological Products Manufacturing		
Herbal Pharmaceutical Manufacturing		
Veterinary Pharmaceutical Manufacturing		

21. RUBBER AND PLASTIC MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Rubber Tire Manufacturing	22111	pH, COD, Total Suspended Solids (TSS), Oil & Grease, Zinc
Rubber Tube Manufacturing	22112	pH, COD, TSS, Oil & Grease, Zinc
Rubber Retreading Plant	22113	pH, COD, TSS, Oil & Grease, Zinc
Industrial Rubber Products Manufacturing	22191	pH, COD, TSS, Oil & Grease, Zinc
Rubber Hose and Belt Manufacturing	22192	pH, COD, TSS, Oil & Grease, Zinc
Latex Products Manufacturing	22193	pH, COD, TSS, Oil & Grease, Zinc
Other Rubber Products Manufacturing, n.e.c.	22199	pH, COD, TSS, Oil & Grease, Zinc
Plastic Packaging Manufacturing	22211	pH, COD, TSS, Oil & Grease, Zinc
Plastic Sheet, Film and Plate Manufacturing	22212	pH, COD, TSS, Oil & Grease, Zinc
Plastic Pipe and Fittings Manufacturing	22213	pH, COD, TSS, Oil & Grease, Zinc
Plastic Household Products Manufacturing	22214	pH, COD, TSS, Oil & Grease, Zinc
Plastic Furniture Manufacturing	22215	pH, COD, TSS, Oil & Grease, Zinc



Plastic Containers Manufacturing	22216	pH, COD, TSS, Oil & Grease, Zinc
Plastic Components Manufacturing	22217	pH, COD, TSS, Oil & Grease, Zinc
Other Plastic Products Manufacturing, n.e.c.	22299	pH, COD, TSS, Oil & Grease, Zinc

22. NON-METALLIC MINERAL PRODUCTS

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Flat Glass Manufacturing	23101	pH, Total Suspended Solids (TSS), Fluoride
Glass Container Manufacturing	23102	pH, TSS, Fluoride
Glass Fiber Manufacturing	23103	pH, TSS, Fluoride
Other Glass Products Manufacturing	23109	pH, TSS, Fluoride
Refractory Products Manufacturing	23910	pH, TSS, Fluoride
Clay Bricks and Tiles Manufacturing	23921	pH, TSS, Fluoride
Ceramic Tiles Manufacturing	23922	pH, TSS, Fluoride
Ceramic Sanitary Ware Manufacturing	23923	pH, TSS, Fluoride
Other Ceramic Products Manufacturing	23929	pH, TSS, Fluoride
Cement Manufacturing	23941	pH, TSS, Fluoride
Ready-Mix Concrete Manufacturing	23951	pH, TSS, Fluoride
Concrete Products Manufacturing	23952	pH, TSS, Fluoride
Fiber Cement Products Manufacturing	23953	pH, TSS, Fluoride
Cut, Shaped and Finished Stone Manufacturing	23960	pH, TSS, Fluoride
Abrasive Products Manufacturing	23991	pH, TSS, Fluoride
Lime Manufacturing	23992	pH, TSS, Fluoride
Gypsum Products Manufacturing	23993	pH, TSS, Fluoride
Other Non-Metallic Mineral Products	23999	pH, TSS, Fluoride

23. BASIC METAL MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Iron and Steel Smelting Plant	24101	pH, Total Suspended Solids (TSS), Oil & Grease, Cyanide, Phenols, Iron, Zinc, Chromium, Nickel, Lead
Iron and Steel Refining Plant	24102	pH, TSS, Oil & Grease, Cyanide, Phenols, Iron, Zinc, Chromium, Nickel, Lead
Steel Rolling Mill	24103	pH, TSS, Oil & Grease, Cyanide, Phenols, Iron, Zinc, Chromium, Nickel, Lead
Steel Pipe and Tube Manufacturing	24104	pH, TSS, Oil & Grease, Cyanide, Phenols, Iron, Zinc, Chromium, Nickel, Lead
Ferroalloy Manufacturing	24109	pH, TSS, Oil & Grease, Cyanide, Phenols, Iron, Zinc, Chromium, Nickel, Lead
Precious Metals Smelting and Refining (Gold, Silver)	24201	pH, TSS, Oil & Grease, Cyanide, Phenols, Copper, Zinc, Chromium, Nickel, Lead, Cadmium



Aluminum Smelting and Refining	24202	pH, TSS, Oil & Grease, Cyanide, Phenols, Aluminum, Fluoride
Copper Smelting and Refining	24203	pH, TSS, Oil & Grease, Cyanide, Phenols, Copper, Zinc, Chromium, Nickel, Lead
Lead Smelting and Refining	24204	pH, TSS, Oil & Grease, Cyanide, Phenols, Lead, Cadmium
Zinc Smelting and Refining	24205	pH, TSS, Oil & Grease, Cyanide, Phenols, Zinc, Cadmium
Nickel Smelting and Refining	24206	pH, TSS, Oil & Grease, Cyanide, Phenols, Nickel, Chromium
Tin Smelting and Refining	24207	pH, TSS, Oil & Grease, Cyanide, Phenols, Tin, Lead
Other Non-Ferrous Metal Smelting and Refining, n.e.c.	24209	pH, TSS, Oil & Grease, Cyanide, Phenols, Heavy Metals

24. FABRICATED METAL PRODUCTS

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Structural Steel Fabrication	25110	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead
Metal Doors, Windows and Frames Manufacturing	25120	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead
Metal Tanks, Reservoirs and Containers Manufacturing	25130	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead
Steam Generators and Boilers Manufacturing	25140	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead
Forging, Pressing and Roll-Forming of Metals	25910	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead
Metal Cutting, Machining and Finishing	25920	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead
Metal Surface Treatment (Electroplating, Anodizing, Galvanizing)	25921	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead
Manufacture of Hand Tools	25931	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead
Manufacture of Locks and Hardware	25932	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead
Manufacture of Metal Fasteners (Bolts, Nuts, Screws, Rivets)	25933	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead
Manufacture of Metal Cans	25941	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead
Manufacture of Wire Products	25942	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead
Manufacture of Other Fabricated Metal Products, n.e.c.	25990	pH, TSS, Oil & Grease, Cyanide, Chromium, Nickel, Zinc, Copper, Lead

**25. ELECTRONICS MANUFACTURING**

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Semiconductor Wafer Fabrication Plant	26101	pH, Total Suspended Solids (TSS), Fluoride, Cyanide, Copper, Nickel, Chromium, Lead
Integrated Circuit (IC) Manufacturing	26102	pH, TSS, Fluoride, Cyanide, Copper, Nickel, Chromium, Lead
Printed Circuit Board (PCB) Manufacturing	26103	pH, TSS, Fluoride, Cyanide, Copper, Nickel, Chromium, Lead
Electronic Components Manufacturing	26109	pH, TSS, Fluoride, Cyanide, Copper, Nickel, Chromium, Lead
Computer Manufacturing	26200	pH, TSS, Fluoride, Cyanide, Copper, Nickel, Chromium, Lead
Communication Equipment Manufacturing	26300	pH, TSS, Fluoride, Cyanide, Copper, Nickel, Chromium, Lead
Consumer Electronics Manufacturing	26400	pH, TSS, Fluoride, Cyanide, Copper, Nickel, Chromium, Lead
Measuring, Testing and Navigational Equipment Manufacturing	26510	pH, TSS, Fluoride, Cyanide, Copper, Nickel, Chromium, Lead
Industrial Process Control Equipment Manufacturing	26520	pH, TSS, Fluoride, Cyanide, Copper, Nickel, Chromium, Lead
Irradiation, Electromedical and Electrotherapeutic Equipment Manufacturing	26600	pH, TSS, Fluoride, Cyanide, Copper, Nickel, Chromium, Lead
Optical Instruments and Photographic Equipment Manufacturing	26700	pH, TSS, Fluoride, Cyanide, Copper, Nickel, Chromium, Lead
Magnetic and Optical Media Manufacturing	26800	pH, TSS, Fluoride, Cyanide, Copper, Nickel, Chromium, Lead

26. ELECTRICAL EQUIPMENT MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Electric Motor, Generator and Transformer Manufacturing	27101	pH, Total Suspended Solids (TSS), Oil & Grease, Copper, Nickel, Chromium, Lead
Distribution and Control Apparatus Manufacturing	27102	pH, TSS, Oil & Grease, Copper, Nickel, Chromium, Lead
Switchgear and Switchboard Manufacturing	27103	pH, TSS, Oil & Grease, Copper, Nickel, Chromium, Lead
Battery Manufacturing (Lead-Acid, Nickel-Cadmium, Lithium-Ion, etc.)	27200	pH, TSS, Oil & Grease, Lead, Cadmium, Nickel
Fiber Optic Cable Manufacturing	27310	pH, TSS, Oil & Grease, Copper, Nickel, Chromium, Lead
Power Cable and Communication Cable Manufacturing	27320	pH, TSS, Oil & Grease, Copper, Nickel, Chromium, Lead
Wiring Devices Manufacturing (Plugs, Sockets, Connectors)	27330	pH, TSS, Oil & Grease, Copper, Nickel, Chromium, Lead
Electric Lighting Equipment Manufacturing	27400	pH, TSS, Oil & Grease, Copper, Nickel, Chromium, Lead



Household Electrical Appliances Manufacturing	27500	pH, TSS, Oil & Grease, Copper, Nickel, Chromium, Lead
Commercial and Industrial Electrical Appliances Manufacturing	27500	pH, TSS, Oil & Grease, Copper, Nickel, Chromium, Lead
Electrical Signaling Equipment Manufacturing	27901	pH, TSS, Oil & Grease, Copper, Nickel, Chromium, Lead
Electrical Welding Equipment Manufacturing	27902	pH, TSS, Oil & Grease, Copper, Nickel, Chromium, Lead
Other Electrical Equipment Manufacturing, n.e.c.	27909	pH, TSS, Oil & Grease, Copper, Nickel, Chromium, Lead

27. MACHINERY MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Engines and Turbines Manufacturing (Except Aircraft, Vehicle and Cycle Engines)	28110	pH, Total Suspended Solids (TSS), Oil & Grease, Chromium, Nickel, Zinc
Fluid Power Equipment Manufacturing (Hydraulic and Pneumatic Equipment)	28120	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Pumps, Compressors, Taps and Valves Manufacturing	28130	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Bearings, Gears, Gearing and Driving Elements Manufacturing	28140	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Industrial Furnace and Oven Manufacturing	28150	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Lifting and Handling Equipment Manufacturing	28160	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Office Machinery and Equipment Manufacturing	28170	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Power-Driven Hand Tools Manufacturing	28180	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Other General-Purpose Machinery Manufacturing	28190	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Agricultural and Forestry Machinery Manufacturing	28210	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Metalworking Machinery Manufacturing	28220	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Mining, Quarrying and Construction Machinery Manufacturing	28240	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Food, Beverage and Tobacco Processing Machinery Manufacturing	28250	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Textile, Apparel and Leather Production Machinery Manufacturing	28260	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc
Other Special-Purpose Machinery Manufacturing, n.e.c.	28290	pH, TSS, Oil & Grease, Chromium, Nickel, Zinc

**28. MOTOR VEHICLE MANUFACTURING**

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Passenger Motor Vehicle Manufacturing	29101	pH, Total Suspended Solids (TSS), Oil & Grease, Chemical Oxygen Demand (COD), Chromium, Nickel, Zinc, Phosphate
Commercial Motor Vehicle Manufacturing (Trucks and Buses)	29102	pH, TSS, Oil & Grease, COD, Chromium, Nickel, Zinc, Phosphate
Motor Vehicle Assembly Plant	29103	pH, TSS, Oil & Grease, COD, Chromium, Nickel, Zinc, Phosphate
Motor Vehicle Body Manufacturing	29200	pH, TSS, Oil & Grease, COD, Chromium, Nickel, Zinc, Phosphate
Trailer Manufacturing		
Semi-Trailer Manufacturing		
Automotive Parts and Accessories Manufacturing	29301	pH, TSS, Oil & Grease, COD, Chromium, Nickel, Zinc, Phosphate
Engine Parts Manufacturing	29302	pH, TSS, Oil & Grease, COD, Chromium, Nickel, Zinc, Phosphate
Brake System Manufacturing	29303	pH, TSS, Oil & Grease, COD, Chromium, Nickel, Zinc, Phosphate
Steering and Suspension Parts Manufacturing	29304	pH, TSS, Oil & Grease, COD, Chromium, Nickel, Zinc, Phosphate
Automotive Electrical Components Manufacturing	29305	pH, TSS, Oil & Grease, COD, Chromium, Nickel, Zinc, Phosphate
Other Motor Vehicle Parts Manufacturing, n.e.c.	29309	pH, TSS, Oil & Grease, COD, Chromium, Nickel, Zinc, Phosphate

29. OTHER TRANSPORT EQUIPMENT

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Shipbuilding and Repair	30110	pH, Total Suspended Solids (TSS), Oil & Grease, Chemical Oxygen Demand (COD), Copper, Zinc, Chromium, Nickel, Lead
Boat Building and Repair	30120	pH, TSS, Oil & Grease, COD, Copper, Zinc, Chromium, Nickel, Lead
Pleasure and Sporting Boat Manufacturing	30130	pH, TSS, Oil & Grease, COD, Copper, Zinc, Chromium, Nickel, Lead
Railway Locomotive Manufacturing	30200	pH, TSS, Oil & Grease, COD, Copper, Zinc, Chromium, Nickel, Lead
Railway Rolling Stock Manufacturing		
Aircraft and Spacecraft Manufacturing	30300	pH, TSS, Oil & Grease, COD, Copper, Zinc, Chromium, Nickel, Lead
Military Fighting Vehicle Manufacturing	30400	pH, TSS, Oil & Grease, COD, Copper, Zinc, Chromium, Nickel, Lead
Motorcycle Manufacturing	30910	pH, TSS, Oil & Grease, COD, Copper, Zinc, Chromium, Nickel, Lead
Bicycle Manufacturing	30920	pH, TSS, Oil & Grease, COD, Copper, Zinc, Chromium, Nickel, Lead
Invalid Carriage Manufacturing	30930	pH, TSS, Oil & Grease, COD, Copper, Zinc, Chromium,



		Nickel, Lead
Other Transport Equipment Manufacturing, n.e.c.	30990	pH, TSS, Oil & Grease, COD, Copper, Zinc, Chromium, Nickel, Lead

30. FURNITURE MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Wooden Furniture Manufacturing	31001	pH, Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Oil & Grease
Office Furniture Manufacturing	31002	pH, COD, TSS, Oil & Grease
Kitchen Furniture Manufacturing	31003	pH, COD, TSS, Oil & Grease
Mattress Manufacturing	31004	pH, COD, TSS, Oil & Grease
Metal Furniture Manufacturing	31005	pH, COD, TSS, Oil & Grease
Plastic Furniture Manufacturing	31006	pH, COD, TSS, Oil & Grease
Rattan Furniture Manufacturing	31007	pH, COD, TSS, Oil & Grease
Bamboo Furniture Manufacturing	31008	pH, COD, TSS, Oil & Grease
Upholstered Furniture Manufacturing	31009	pH, COD, TSS, Oil & Grease
Custom Furniture Manufacturing		
Other Furniture Manufacturing, n.e.c.		

31. OTHER MANUFACTURING

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Jewelry and Related Articles Manufacturing	32110	pH, TSS, COD, Cyanide, Silver, Gold, Copper, Nickel
Imitation Jewelry Manufacturing	32120	pH, TSS, COD, Cyanide, Copper, Nickel
Musical Instruments Manufacturing	32200	pH, COD, TSS, Oil & Grease
Sports Goods Manufacturing	32300	pH, COD, TSS, Oil & Grease
Games and Toys Manufacturing	32400	pH, COD, TSS, Oil & Grease
Medical and Dental Instruments Manufacturing	32501	pH, COD, TSS, Oil & Grease, Chromium, Nickel
Medical Supplies Manufacturing	32502	pH, COD, TSS, Oil & Grease, Chromium, Nickel
Dental Equipment Manufacturing	32503	pH, COD, TSS, Oil & Grease, Chromium, Nickel
Brooms, Brushes and Cleaning Implements Manufacturing	32910	pH, COD, TSS, Oil & Grease
Writing and Drawing Materials Manufacturing	32920	pH, COD, TSS, Oil & Grease
Safety Equipment Manufacturing	32930	pH, COD, TSS, Oil & Grease
Candles Manufacturing	32940	pH, COD, TSS, Oil & Grease
Artificial Flowers Manufacturing	32950	pH, COD, TSS, Oil & Grease
Other Manufacturing, n.e.c.	32990	pH, COD, TSS, Oil & Grease

**32. ELECTRICITY, GAS, STEAM & AIR CONDITIONING SUPPLY**

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Coal-Fired Power Plant	35101	pH, Total Suspended Solids (TSS), Oil & Grease, Temperature, Arsenic, Mercury, Selenium
Oil-Fired Power Plant	35102	pH, TSS, Oil & Grease, Temperature
Natural Gas-Fired Power Plant	35103	pH, TSS, Oil & Grease, Temperature
Hydroelectric Power Plant	35104	pH, TSS, Oil & Grease, Temperature
Geothermal Power Plant	35105	pH, TSS, Oil & Grease, Temperature, Boron
Solar Power Plant	35106	pH, TSS, Oil & Grease
Wind Power Plant	35107	pH, TSS, Oil & Grease
Biomass Power Plant	35108	pH, TSS, Oil & Grease, BOD, COD
Electricity Transmission Operations	35120	pH, TSS, Oil & Grease
Electricity Distribution Operations	35130	pH, TSS, Oil & Grease
Gas Manufacturing Plant	35200	pH, TSS, Oil & Grease, Phenols, Sulfide
Steam and Air Conditioning Supply Plant	35300	pH, TSS, Oil & Grease, Temperature

33. WATER COLLECTION, TREATMENT & SUPPLY

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Surface Water Treatment Plant	36001	pH, Total Suspended Solids (TSS), Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Residual Chlorine
Groundwater Treatment Plant	36002	pH, TSS, BOD, COD, Residual Chlorine
Bulk Water Supply System	36003	pH, TSS, BOD, COD, Residual Chlorine
Municipal Water Supply System	36004	pH, TSS, BOD, COD, Residual Chlorine
Water Utility / Water District	36005	pH, TSS, BOD, COD, Residual Chlorine
Desalination Plant	36006	pH, TSS, BOD, COD, Residual Chlorine
Industrial Water Treatment Plant	36007	pH, TSS, BOD, COD, Residual Chlorine
Potable Water Treatment Plant	36008	pH, TSS, BOD, COD, Residual Chlorine

34. SEWERAGE

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Municipal Sewage Treatment Plant (STP)	37000	pH, Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Oil & Grease, Ammonia as NH ₃ -N, Nitrate as NO ₃ -N, Phosphate, Fecal Coliform
Domestic Sewage Treatment Plant		
Commercial Sewage Treatment Plant (Mall, Office, Hotel, etc.)		
Industrial Sewage Treatment Plant (Sanitary Wastewater)		
Centralized Wastewater Treatment Facility		
Septage Treatment Plant		
Combined Sewer System with Wastewater Treatment		



Note: Under the official PSIC 2009, Division 37 has a single 5-digit PSIC code (37000) covering sewerage, sewer systems, sewage treatment facilities, and septage management. The applicable effluent parameters under DAO 2016-08 Table 8 may vary depending on whether the facility discharges to a Class A, B, C, or D water body and any additional conditions imposed by the Environmental Management Bureau (EMB) through the facility's Discharge Permit.

35. WASTE COLLECTION, TREATMENT AND DISPOSAL

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Municipal Solid Waste Collection	38110	No sector-specific effluent parameters (collection activity)
Residential Garbage Collection		
Commercial Waste Collection		
Construction and Demolition Waste Collection		
Waste Transfer Station (Non-Hazardous)		
Hazardous Waste Collection	38120	No sector-specific effluent parameters (collection activity)
Infectious Waste Collection		
Used Oil Collection Facility		
Battery Waste Collection Facility		
Sanitary Landfill	38210	Color, Temperature, pH, COD, TSS, Total Coliform, Ammonia, Nitrate, Phosphate, Sulfate, Chloride, Oil & Grease
Controlled Disposal Facility		
Composting Facility		
Non-Hazardous Waste Incineration Facility		
Hazardous Waste Treatment Facility	38220	Color, Temperature, pH, COD, TSS, Other parameters depending on the nature of the waste/activity
Hazardous Waste Incineration Facility	38220	Color, Temperature, pH, COD, TSS, Other parameters as required by EMB
Healthcare Waste Treatment Facility		
Toxic and Chemical Waste Treatment Facility		
Radioactive Waste Storage/Treatment Facility		

Note: Under DAO 2016-08 Table 8, sector-specific effluent parameters are prescribed only for treatment and disposal facilities (PSIC 38210 and 38220) because these operations generate wastewater such as landfill leachate and treatment effluents. Waste collection activities (PSIC 38110 and 38120) generally do not have prescribed sector-specific effluent parameters unless they operate facilities that discharge wastewater. For hazardous waste treatment (PSIC 38220), the Environmental Management Bureau (EMB) determines additional monitoring parameters based on the characteristics of the hazardous waste being handled

**36. REMEDIATION ACTIVITY**

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Contaminated Soil Remediation Facility	39000	pH, Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Oil & Grease, Other parameters depending on contaminants
Groundwater Remediation Facility		
Surface Water Remediation Project		
Oil Spill Cleanup and Treatment Facility		
Industrial Site Remediation		
Mine Site Rehabilitation and Remediation		
Hazardous Waste Spill Remediation		
Environmental Cleanup and Decontamination Services		

37. HOSPITALS

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
General Hospital	86101	Color, Temperature, pH, BOD, TSS, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Specialty Hospital	86102	Color, Temperature, pH, BOD, TSS, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Government Hospital	86101	Color, Temperature, pH, BOD, TSS, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Private Hospital		
Infirmary	86103	Color, Temperature, pH, BOD, TSS, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Dialysis Center (Standalone)	86900	All significant parameters depending on the nature of their activity
Ambulatory Surgical Clinic	86210	Color, Temperature, pH, BOD, TSS, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Medical Clinic / Outpatient Clinic		
Nursing Home	87100	Color, Temperature, pH, BOD, TSS, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Residential Care Facility	87900	Color, Temperature, pH, BOD, TSS, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants

Note: Medical laboratories (PSIC 86900) are treated separately, with the Environmental Management Bureau (EMB) requiring all significant parameters depending on the nature of their laboratory activities, which may include additional chemical or microbiological parameters.

38. HOTEL AND ACCOMMODATION

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Hotel	55101	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Resort Hotel	55102	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Condotel	55103	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil &



		Grease, Surfactants
Pension House	55104	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Camping Site / Camping Facility	55105	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Motel	55106	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Tourist Inn	55107	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Other Short-Term Accommodation Activities, n.e.c.	55109	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Dormitory / Student Dormitory	55901	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Boarding House	55902	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Workers' Hostel / Staff House	55909	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil & Grease, Surfactants
Other Accommodation Activities, n.e.c.		

39. RESTAURANTS & FOOD SERVICE

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Full-Service Restaurant	56101	BOD, Total Suspended Solids (TSS), Oil & Grease, Surfactants
Fast-Food Restaurant / Quick Service Restaurant	56102	BOD, TSS, Oil & Grease, Surfactants
Cafeteria	56103	BOD, TSS, Oil & Grease, Surfactants
Refreshment Stand, Kiosk and Counter	56104	BOD, TSS, Oil & Grease, Surfactants
Mobile Food Service (Food Truck/Food Cart)	56105	BOD, TSS, Oil & Grease, Surfactants
Buffet / Eat-All-You-Can Restaurant	56106	BOD, TSS, Oil & Grease, Surfactants
Carinderia / Eatery	56107	BOD, TSS, Oil & Grease, Surfactants
Food-to-Go Counter (Lechon, Fried Chicken, Barbecue, etc.)	56108	BOD, TSS, Oil & Grease, Surfactants
Other Restaurants and Mobile Food Service Activities, n.e.c.	56109	BOD, TSS, Oil & Grease, Surfactants
Event Catering	56210	BOD, TSS, Oil & Grease, Surfactants
Food Concession / Institutional Food Service	56290	BOD, TSS, Oil & Grease, Surfactants
Night Club	56301	BOD, TSS, Oil & Grease, Surfactants
Bar and Cocktail Lounge	56302	BOD, TSS, Oil & Grease, Surfactants
Café / Coffee Shop	56303	BOD, TSS, Oil & Grease, Surfactants
Milk Tea / Juice / Beverage Shop	56309	BOD, TSS, Oil & Grease, Surfactants
Other Beverage Serving Activities, n.e.c.	56309	BOD, TSS, Oil & Grease, Surfactants



40. LAUNDRY SERVICES

Specific Establishment	PSIC Code	Specific Parameters (DAO 2016-08 Table 8)
Commercial Laundry	96011	pH, Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Oil & Grease, Surfactants, Phosphate
Self-Service Laundry (Laundromat)	96012	pH, BOD, COD, TSS, Oil & Grease, Surfactants, Phosphate
Industrial Laundry	96013	pH, BOD, COD, TSS, Oil & Grease, Surfactants, Phosphate
Hospital Laundry	96014	pH, BOD, COD, TSS, Oil & Grease, Surfactants, Phosphate
Hotel Laundry	96015	pH, BOD, COD, TSS, Oil & Grease, Surfactants, Phosphate
Linen Supply and Laundry Service	96016	pH, BOD, COD, TSS, Oil & Grease, Surfactants, Phosphate
Dry Cleaning and Garment Cleaning Services	96017	pH, BOD, COD, TSS, Oil & Grease, Surfactants, Phosphate
Other Laundry and Cleaning Services, n.e.c.	96019	pH, BOD, COD, TSS, Oil & Grease, Surfactants, Phosphate



Frequently Asked Questions (FAQs)

1. What are Significant Effluent Quality Parameters?

Significant Effluent Quality Parameters are the key pollutants that the Environmental Management Bureau (EMB) requires certain industries to monitor before discharging wastewater into receiving bodies of water or sewer systems. These parameters vary depending on the type of industry and the wastewater it generates.

Examples include:

- Biochemical Oxygen Demand (BOD)
- Chemical Oxygen Demand (COD)
- Total Suspended Solids (TSS)
- Oil & Grease
- pH
- Ammonia
- Heavy Metals
- Fecal Coliform

2. Why are different industries required to monitor different parameters?

Each industry produces wastewater with unique characteristics.

For example:

- A restaurant typically generates wastewater with high Oil & Grease.
- A hospital requires monitoring of microbiological parameters such as Fecal Coliform.
- An electronics manufacturer may discharge heavy metals such as Copper, Nickel, or Chromium.
- A poultry farm produces wastewater with high organic load and ammonia.

Because of these differences, DENR assigns different significant parameters to different industry classifications.

3. What is a PSIC Code?

A Philippine Standard Industrial Classification (PSIC) Code is the official industry classification assigned by the Philippine Statistics Authority (PSA).

It identifies the primary business activity of an establishment and serves as a basis for various government agencies, including the EMB, in determining applicable environmental regulations and monitoring requirements.

4. Why is my PSIC Code important?

Your PSIC Code helps determine:

- The applicable Significant Effluent Quality Parameters
- The wastewater standards your facility must comply with
- The appropriate wastewater treatment requirements
- Environmental permits and regulatory obligations

Using the correct PSIC classification helps ensure compliance with DENR regulations.

5. How do I know which wastewater parameters apply to my establishment?

The applicable parameters depend primarily on your establishment's PSIC classification.

For example:

Industry	Typical Parameters
Hotel	BOD, Oil & Grease, Surfactants
Hospital	BOD, Fecal Coliform, Ammonia
Restaurant	BOD, TSS, Oil & Grease
Poultry Farm	BOD, COD, TSS, Ammonia



Electronics Manufacturing	Heavy Metals, pH, TSS
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Our Industry Classification Matrix can help identify the significant parameters applicable to your business.

6. Does every establishment need to monitor all wastewater parameters?

No.

DENR requires industries to monitor only the parameters that are significant to their specific operations.

Monitoring unnecessary parameters may increase laboratory costs without providing additional compliance value.

7. Where can I find my company's PSIC Code?

Your PSIC Code may be found in:

- SEC registration documents
- DTI registration
- BIR registration
- Business Permit
- Environmental Compliance Certificate (ECC)
- Discharge Permit
- Other government registration documents

If you're unsure, consult the Philippine Statistics Authority (PSA) or verify with your local EMB office.

8. Can one company have more than one PSIC Code?

Yes.

Some companies conduct multiple business activities.

For example:

- A hotel with its own laundry facility
- A food manufacturing plant with an industrial wastewater treatment facility
- A hospital operating a medical laboratory

In these cases, the primary business activity generally determines the principal PSIC classification, while additional activities may have separate regulatory considerations.

9. What happens if I use the wrong PSIC Code?

An incorrect PSIC classification may result in:

- Incorrect wastewater monitoring requirements
- Incomplete laboratory testing
- Additional compliance costs
- Delays in permit processing
- Potential regulatory findings during EMB inspections

It is advisable to verify your PSIC classification before establishing your wastewater monitoring program.

10. Does having the correct PSIC Code mean my facility is already compliant?

No.

Your PSIC Code only helps determine the applicable monitoring requirements.

Compliance also depends on factors such as:

- Proper wastewater treatment
- Regular laboratory analysis
- Meeting the General Effluent Standards under DENR DAO 2016-08
- Maintaining required environmental permits and records



11. How often should wastewater be tested?

The required monitoring frequency depends on:

- Conditions stated in your Discharge Permit
- EMB requirements
- Nature and size of your operations

Your accredited laboratory or Pollution Control Officer (PCO) can advise you on the required schedule.

12. Why should I understand my Significant Effluent Quality Parameters?

Knowing your applicable parameters helps you:

- Avoid unnecessary laboratory testing
- Focus on pollutants relevant to your operations
- Design or upgrade the appropriate wastewater treatment system
- Improve regulatory compliance
- Reduce operational risks

It is one of the first steps in developing an effective wastewater management program.

Not Sure What PSIC Code Applies to Your Business?

We've prepared a comprehensive Industry Classification Matrix based on PSIC 2009 and DENR DAO 2016-08 Table

The guide includes:

- ✓ Industry Categories
- ✓ Specific Establishments
- ✓ Applicable PSIC Codes
- ✓ Significant Effluent Quality Parameters
- ✓ Easy-to-reference tables for more than 40 industries

Download the Industry Classification Matrix to identify the wastewater parameters applicable to your establishment and better understand your compliance requirements.

Need assistance interpreting your PSIC Code or selecting the appropriate wastewater treatment solution? Contact Ariescor Water for a technical consultation with our engineering team.