

**SIGNIFICANT INDUSTRIAL USER WASTEWATER DISCHARGE PERMIT SURVEY/APPLICATION**

Mail completed applications with signed cover letter to:  
**DEPARTMENT OF ENVIRONMENTAL SERVICES**

**CITY AND COUNTY OF HONOLULU**

1000 ULUOHIA STREET, SUITE #303

KAPOLEI, HI 96707

ATTN: REGULATORY CONTROL BRANCH

Phone: (808)768-4108 Fax: 768-1556

(All fields are required to be filled in accurately or your application will be considered incomplete.)

**SECTION A- GENERAL INFORMATION**

1. Applicant/Legal Business Name: \_\_\_\_\_
2. Facility Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_ Zip Code: \_\_\_\_\_
3. Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_ Zip Code: \_\_\_\_\_  
(Permit and monitoring reports will be sent to mailing address unless otherwise noted.)
4. Email address: \_\_\_\_\_
5. Other authorized person(s) to contact regarding survey/permit:
 

_____	_____	_____
Administration	Title	Phone Number
_____	_____	_____
Inspection/Sampling	Title	Phone Number
6. Brief description of products or services: \_\_\_\_\_
7. List all industrial categories that may pertain to your business activity:  
\_\_\_\_\_  
(Refer to attached **Attachment A** for more information.)
8. Facility generating wastewater is: Existing  Proposed  If proposed, start date: \_\_\_\_\_
9. If facility is under construction, list alternate contact and mailing address for permit if needed:  
Contact/Attention: \_\_\_\_\_ Company: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_ Zip Code: \_\_\_\_\_
10. If this business has relocated, please list:  
Name of business that previously occupied this site: \_\_\_\_\_  
The prior address of your facility: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_ Zip Code: \_\_\_\_\_
11. Hours of Operation: Sun\_\_\_\_\_ Mon\_\_\_\_\_ Tues\_\_\_\_\_ Wed\_\_\_\_\_ Thurs\_\_\_\_\_ Fri\_\_\_\_\_ Sat\_\_\_\_\_
12. Shift Per Workday: \_\_\_\_\_ Shift Start Time: \_\_\_\_\_ Shift End Time: \_\_\_\_\_

**SECTION B – WATER USAGE** (Attach a copy of the most recent water bill.)

1. Water service meter information:

A. Water service account number: \_\_\_\_\_

B. Are meters shared with any other facilities/businesses? Yes  No

C. If shared, what is shared facility/business name? \_\_\_\_\_

D. What is the average water consumption per work/production day over the past 12 months?  
\_\_\_\_\_ GPD

2. Other water sources: Salt/Ocean Water  Reclaimed/ Recycled  Storm Water

Other \_\_\_\_\_

3. Are other water sources metered? Yes  No

4. What is the average non-city water consumption per work/production day averaged over the past  
12 months? \_\_\_\_\_ GPD

5. Does this facility use water for purposes other than restrooms, cafeterias, non contact cooling, boilers, HVAC, and irrigation? Yes  No

6. Is there any process discharge to storm drains? Yes  No

If yes, please list NPDES permit number(s): \_\_\_\_\_

7. Vehicle Washing:

A. Are vehicles washed on site? Yes  No

B. How many vehicles per week? \_\_\_\_\_

C. Where is vehicle wash water discharged? Sanitary Sewer  Storm Drain

Other \_\_\_\_\_

D. If vehicle wash water goes to "Sanitary Sewer" can storm/rain water enter the drain?

Yes  No

E. If yes, is a two-way valve used to divert vehicle wash water to sewer and storm water to drain?

Yes  No



**SECTION D – INDUSTRIAL WASTEWATER DISCHARGE LOCATION, PROCESS, CATEGORY, GENERATION & PRETREATMENT ID**

1. When were operations started at this facility? \_\_\_\_\_
2. When was construction of the facility started? \_\_\_\_\_
3. List all Standard Industrial Classification (SIC) codes or North American Industry Classification System (NAICS) codes used for this facility.

Find applicable SIC/NAICS codes online by entering keyword(s) search at <https://www.osha.gov/pls/imis/sicsearch.html> and <http://www.naics.com/search/> or on State Unemployment forms, tax forms, business registration forms, accounting records, etc. (Example: SIC Code


**SECTION E – Industrial Wastewater Discharge Location, Process, Category, Generation & Pretreatment Identification**

\*Calculate Average Gallons Per Calendar Day & Maximum Discharge Per Production Day

\*\* B = Batch; C = Continuous; I – Intermittent; N = No Discharge

LOCATION (AREA, BLDG #)	PROCESS	40 CFR CATEGORY (See SIU & CIU Fact Sheet)	Industrial Wastewater Discharged Average Gallons (Per Calendar Day)	Industrial Wastewater Not Discharged Average Gallons (Per Calendar Day)	MEASURED (M) OR ESTIMATED (E)	Daily Maximum Discharge Flow Average Gallons (Per Production Day)	Discharge Type ** B, C, I, or N	Pretreatment Yes or No	Process Start Date

*If more information needs to be added, please add a separate sheet and note as "Section E (Continued)".*

**SECTION F – ON SITE CHEMICAL INFORMATION**

Attach a list of chemicals which are used or stored at this facility. Include estimated quantities stored on the premises for each chemical. Chemical lists prepared for other agencies are acceptable. **Please note as "Section F (attachment)".**

## SECTION G – IDENTIFICATION OF PRIORITY POLLUTANT USE OR GENERATED BYPRODUCT INFORMATION UNDER 40 CFR Part 401.15

Please indicate, by placing an “x” by each listed chemical which are used by your operation or generated as a byproduct. Some compounds are also known by other names.

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> acenaphthene   | <input type="checkbox"/> acrolein  | <input type="checkbox"/> acrylonitrile  |
| <input type="checkbox"/> aldrin/dieldrin (40 CFR part 129)  | <input type="checkbox"/> antimony and compounds (organic & inorganic)  | <input type="checkbox"/> arsenic and compounds  |
| <input type="checkbox"/> asbestos   | <input type="checkbox"/> benzene   | <input type="checkbox"/> benzidine (40 CFR part 129)  |
| <input type="checkbox"/> beryllium and compounds  | <input type="checkbox"/> cadmium and compounds   | <input type="checkbox"/> carbon tetrachloride   |
| <input type="checkbox"/> chlordane (technical mixture and metabolites)  | <input type="checkbox"/> chlorinated benzenes (other than di-chlorobenzenes)   | <input type="checkbox"/> chlorinated ethanes (including 1, 2-di-chloroethane, 1,1,1- trichloroethane, and hexachloroethane)   |
| <input type="checkbox"/> chloroalkyl ethers (chloroethyl and mixed ethers)  | <input type="checkbox"/> chlorinated naphthalene   | <input type="checkbox"/> chlorinated phenols (other than those listed elsewhere; includes trichlorophenols and chlorinated cresols)                                       |
| <input type="checkbox"/> chloroform   | <input type="checkbox"/> 2-chlorophenol  | <input type="checkbox"/> chromium and compounds   |
| <input type="checkbox"/> copper and compounds   | <input type="checkbox"/> cyanides  | <input type="checkbox"/> DDT and metabolites (40 CFR part 129)  |
| <input type="checkbox"/> dichlorobenzenes (1,2-,1,3-, and 1,4-dichlorobenzenes)   | <input type="checkbox"/> dichlorobenzidine   | <input type="checkbox"/> dichloroethylenes (1,1-, and 1,2-dichloroethylene)   |
| <input type="checkbox"/> 2,4-dichlorophenol   | <input type="checkbox"/> dichloropropane and dichloropropene   | <input type="checkbox"/> 2,4-dimethylphenol   |
| <input type="checkbox"/> dinitrotoluene   | <input type="checkbox"/> diphenylhydrazine   | <input type="checkbox"/> endosulfan and metabolites   |
| <input type="checkbox"/> endrin and metabolites   | <input type="checkbox"/> ethylbenzene  | <input type="checkbox"/> fluoranthene   |
| <input type="checkbox"/> haloethers (other than those listed elsewhere; includes chlorophenylphenyl ethers, bromophenylphenyl ethers, bis(dichloroisopropyl) ether, bis-(chloroethoxy) methane and polychlorinated diphenyl ethers) | <input type="checkbox"/> halomethanes (other than those listed elsewhere; includes methylene chloride, methylchloride, methylbromide, bromoform, dichlorobromomethane) | <input type="checkbox"/> heptachlor and metabolites   |
| <input type="checkbox"/> hexachlorocyclohexane  | <input type="checkbox"/> hexachlorocyclopentadiene   | <input type="checkbox"/> hexachlorobutadiene  |
| <input type="checkbox"/> lead and compounds   | <input type="checkbox"/> mercury and compounds   | <input type="checkbox"/> isophorone   |
| <input type="checkbox"/> nickel and compounds   | <input type="checkbox"/> nitrobenzene  | <input type="checkbox"/> naphthalene  |
| <input type="checkbox"/> nitrosamines   | <input type="checkbox"/> pentachlorophenol   | <input type="checkbox"/> nitrophenols (including 2,4-dinitrophenol, dinitrocresol)  |
| <input type="checkbox"/> phthalate esters   | <input type="checkbox"/> polychlorinated biphenyls (PCBs)  | <input type="checkbox"/> phenol   |
| <input type="checkbox"/> selenium and compounds   | <input type="checkbox"/> silver and compounds  | <input type="checkbox"/> polynuclear aromatic hydrocarbons (including benzanthracenes, benzopyrenes, chrysenes, benzofluoranthene, dibenz-anthracenes, and indenopyrenes) |
| <input type="checkbox"/> 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)   | <input type="checkbox"/> tetrachloroethylene   | <input type="checkbox"/> thallium and compounds   |
| <input type="checkbox"/> toluene  | <input type="checkbox"/> toxaphene   | <input type="checkbox"/> trichloroethylene  |
| <input type="checkbox"/> vinyl chloride   | <input type="checkbox"/> zinc and compounds  |   |

## SECTION H –DRAWING AND INFORMATIONAL SUBMITTAL REQUIREMENTS

(Drawings must be submitted with survey/application. Submittal extensions must be made in writing. Survey/Application is considered incomplete until drawings are received.)

1. Facility Diagrams(s):  
Attach a diagram of the facility that includes all sewer drains (indicating regulated connections), sewer laterals, and physical means of spill containment (berms). Identify chemical and waste storage areas. For wet process areas show tank layout, volumes, and contents.
2. Process Flow Diagram(s):  
Attach a diagram giving an overview of the process(es) which take place at your facility. Indicate which processes use water and which generate wastestreams.
3. Water Distribution Diagram:  
Start at the city water meter and proceed through the water distribution system, showing the process served and the average daily in-flow to each process in gallons per day (GPD). Show submeters, and where the in-flow is metered, so indicate. All water delivered through the city meter should be accounted for; additionally, any in-coming water from a non-metered source, such as salt/ocean water or reclaimed water, should be identified and tracked. Identify from each process served (e.g. electroplating, film processing, steam cleaning), the wastewater flow and losses, if any, in GPD. The diagram should end where the facility lateral(s) meet the city sewer. For all non-metered flows, document how the reported flow was determined; include supporting calculations. Total in-coming water must equal total wastewater plus losses.
4. Wastewater Treatment Diagram:  
Attach a diagram of the wastewater treatment system (if any). Indicate from which process each wastestream originates and the final discharge points.

## SECTION I –SPILL PREVENTION

1. Does this facility have a written spill prevention control and counter measure plan (SPCC)? Yes  No
2. Are there any sewer or storm drains in your manufacturing, chemical, or waste storage areas? (e.g. floor drains or sinks, etc.) Yes  No  If yes, describe measure taken to prevent spills from entering the sewer system. (Attach additional pages if necessary)  

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3. The discharge from your wastewater pretreatment system is: Manual  Automatic  Not Applicable  If not applicable, go to **Section J**.
4. Are acid or caustic liquid in volumes greater than 55 gallons plumbed into your pretreatment system? Yes  No
5. Describe any measures taken to prevent bypass through the treatment system in case of treatment system failure. (Attach additional pages if necessary.) **Bypass**" means the intentional diversion of wastewater streams from any portion of an industrial user's treatment facility.  

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**SECTION J -IDENTIFYING NON-SEWERED WASTES DISPOSAL**

1.

<b>POLLUTANT</b>	<b>ESTIMATED QUANTITY/YR (INCLUDE UNITS)</b>	<b>WASTE HAULER</b>	<b>OTHER METHOD OF DISPOSAL (Trash, Haz Mat Contractor)</b>
Acids and Alkalies			
Grease			
Paints			
Pesticides			
Plating Wastes			
Pretreatment Sludge			
Sump Wastes			
Waste Oils			
Waste Product			
Waste Solvents			
Other (Specify)			
Other (Specify)			

2. EPA generator number: \_\_\_\_\_

3. Name(s) and address(es) of all waste haulers used.

Hauling Company: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_ Zip Code: \_\_\_\_\_

Hauling Company: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_ Zip Code: \_\_\_\_\_

Hauling Company: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_ Zip Code: \_\_\_\_\_

**SIGNIFICANT INDUSTRIAL USER WASTEWATER DISCHARGE PERMIT  
SURVEY/APPLICATION**

The information provided on this survey will determine if your facility needs an Significant Industrial User Wastewater Discharge Permit (SIUWDP) for discharge of industrial wastewater to the City & County of Honolulu's Public Owned Treatment Works (POTW). Survey/application must be returned within 30 days of receipt.

If it is determined that an Industrial Wastewater Discharge Permit (IWDP) is required for the aforementioned business, this survey will serve as an application for a permit. The applicant may call (808) 768-3272 for survey/application information or (808) 768-3262 for permit information.

Mail completed applications to:  
**DEPARTMENT OF ENVIRONMENTAL SERVICES**  
CITY AND COUNTY OF HONOLULU  
1000 ULUOHIA STREET, SUITE #303  
KAPOLEI, HI 96707  
ATTN: REGULATORY CONTROL BRANCH

**Be advised that Section 14-5.1, Paragraph (a) of the Revised Ordinances of Honolulu, as amended, states "No person shall discharge or cause to be discharged any industrial wastewater into the public sewers or into any private sewer which discharges to the public sewers, without first applying for and obtaining an industrial wastewater discharge permit."**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and /or imprisonment for knowing violations.

\_\_\_\_\_  
Print Name of Authorized Person/Permittee/Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Authorized Person/Permittee/Title

\_\_\_\_\_  
Phone Number



## ATTACHMENT A

A Categorical Industrial User (CIU) according to the Environmental Protection Agency (EPA) is identified as an Industrial user subject to National Pretreatment Standards. Any industry that falls under the categories listed below may qualify as a CIU. More information can be found online at [www.ecfr.gov](http://www.ecfr.gov) under Title 40 – Protection of Environment, parts 400-471.

1. **Aluminum Forming (40 CFR 467):** Aluminum forming include commonly recognized forming operations such as rolling and drawing with neat oils and emulsions including extrusion and forging.
2. **Asbestos Manufacturing (40 CFR 427):** The manufacturing of asbestos in the form of cement pipes, cement sheets, paper (starch and elastomeric binder), millboard, roofing, and floor tile, plus associated coating or finishing of asbestos textiles, solvent recovery, vapor absorption, and wet dust collection.
3. **Battery Manufacturing (40 CFR 461):** Battery manufacturing plant and operations that produce cadmium, calcium, lead, lithium, magnesium, and zinc anode batteries including Leclanche type batteries (zinc anode batteries with acid electrolytes).
4. **Canned and Preserved Fruits and Vegetable Processing (40 CFR 407):** The processing of apple juice, apple products, citrus products, frozen and dehydrated potato products, plus canning operations of preserved fruits, preserved vegetables, and miscellaneous specialties.
5. **Canned and Preserved Seafood Processing (40 CFR 408):** The processing of farm raised catfish, tuna, fish meal, abalone, and specific types of crab, shrimp, salmon, bottom fish, clam, oyster, sardine, scallops, and herring fillet.
6. **Carbon Black Manufacturing (40 CFR 458):** The manufacture of carbon black by the furnace, thermal, channel or lamp processes.
7. **Cement Manufacturing (40 CFR 411):** The manufacture of cement and processes that include nonleaching, leaching, and materials storage piles runoff,
8. **Centralized Waste Treatment (40 CFR 437):** Treatment and recovery of metals, oils, and organics to include multiple waste streams resulting from mixing any combination of treated or untreated wastewater discharges.
9. **Coil Coating (40 CFR 465):** The use of steel, galvanized, and aluminum basis material in the process of converting basis material strip into coated stock. Cleaning, conversion coating, and painting are performed on such material. Regulation covers processes which perform any two or more of three operations. **Can making** is also included in this category.
10. **Concentrated Animal Feeding Operations (40 CFR 465):** A large or medium animal feeding operation or designated as a concentrated animal feeding operation in accordance with 40 CFR 122.23.
11. **Concentrated Aquatic Animal Feeding Production (40 CFR 412):** A hatchery, fish farm, or other facility if it contains, grows, or holds aquatic animals that are cold or warm water fish species or other cold or warm water aquatic animals in ponds, raceways, or other similar structures which discharge at least 30 days per year. Exclusions can be found in 40 CFR 122.24 Appendix C.
12. **Concentrated Aquatic Animal Production Point Source Category (40 CFR 451)**
13. **Construction and Development (40 CFR 450):** Discharges associated with construction activity required to obtain NPDES permit coverage pursuant to 40 CFR 122.26(b)(15). Does not apply to discharges associated with interstate natural gas pipeline construction activity.
14. **Copper Forming (40 CFR 468):** The manufacture of formed copper and copper alloy products by hot rolling, cold rolling, drawing, extrusion, and forging, plus ancillary operations which include surface treatment (pickling, tumbling, burnishing, alkaline cleaning, and surface milling), heat treatment, hydro testing, sawing, and surface coating with molten metal.
15. **Dairy Products Processing (40 CFR 405):** The operation of receiving stations engaged in the assembly and reshipment of bulk milk for the use of manufacturing or processing plants. The manufacture of market milk (ranging from 3.5 percent fat to fat-free), flavored milk, and cream (of various fat concentrations, plain and whipped). The manufacture of cultured products, including cultured skim milk (cultured buttermilk, yogurt, sour cream, and dips of various types). The manufacture of butter either by churning or continuous process. The manufacture of cottage cheese and cultured cream cheese. The manufacture of natural cheese (hard curd) and processed cheese. The

manufacture of fluid mixes for ice cream and other frozen desserts for later freezing in other plants; it does not include freezing of the products as affected operations. The manufacture of ice cream, ice milk, sherbet, water ices, stick confections, frozen novelties products, frozen desserts, mellorine, pudding, and other dairy product base desserts. Fluid mixes prepared at another plant should apply 40 CFR 405.9 Subpart G to limitations. The manufacture of condensed whole milk, skim milk, sweetened condensed milk, and condensed buttermilk. The manufacture of dry whole milk, skim milk, and buttermilk. The manufacture of condensed sweet whey and acid whey. The manufacture of sweet or acid dry whey.

16. **Electrical and Electronic Components (40 CFR 469):** The manufacture of semiconductors, electronic crystals, cathode ray tubes, and luminescent materials.
17. **Electroplating (40 CFR 413):** The process of electroplating of common metals, precious metals, and specialty metals which include the anodizing, coatings, chemical etching and milling, and electroless plating, the manufacture of printed circuit boards which include operations required or used to convert and insulating substrate to a finished printed circuit board.
18. **Explosives Manufacturing (40 CFR 457):** The production of explosives including explosives loading, assemble, and pack plants.
19. **FerroAlloy Manufacturing (40 CFR 424):** The smelting of ferroalloys, in open or covered electric furnaces, or other smelting operations, not elsewhere included with wet air pollution control. Slag processing and electrolytic manganese production, and chromium metal electrolytic process. Production of calcium carbide in covered electrical furnaces which use wet air pollution control devices and in covered furnaces that do not utilize wet air pollution control devices.
20. **Fertilizer Manufacturing (40 CFR 418):** The manufacture of sulfuric acid by sulfur burning, wet-process phosphoric acid, to include normal, triple superphosphate, and ammonium phosphate. The manufacture of ammonia, urea, ammonium nitrate, and nitric acid in concentrations up to 68%, ammonium sulfate by the synthetic process and by coke oven by-product recovery. The production of mixed and blend fertilizer.
21. **Glass Manufacturing (40 CFR 426):** The production of fiberglass insulation in which molten glass is either directly or indirectly made, continuously fiberized and chemically bonded in to a wool-like material. Processing of several mineral ingredients (sand, soda ash, limestone, dolomite, cullet, and other ingredients) are mixed, melted in a furnace, and drawn from a melting tank to form a sheet of glass, rolled glass, plate glass, float glass, automotive glass, glass containers, glass tubing, television picture tube envelope, incandescent lamp envelopes, and hand pressed and blown glass.
22. **Grain Mills (40 CFR 406):** The process of wet and dry corn, normal wheat flour, bulgur wheat flour, normal rice, parboiled rice, animal feed, hot cereal, ready to eat cereal, wheat starch and gluten.
23. **Gum and Wood Chemicals (40 CFR 454):** The manufacture of char and charcoal briquettes, gum rosin and turpentine, wood rosin, turpentine, pine oil, tall oil rosin, pitch and fatty acids, essential oils, and rosin-based derivatives.
24. **Hospitals (40 CFR 460):** Discharges resulting from the functional operations of the hospital.
25. **Ink Formulating (40 CFR 447):** The formulation of oil-base ink where the tank washing system uses solvents.
26. **Inorganic Chemicals Manufacturing (40 CFR 415):** The production of aluminum chloride, aluminum sulfate, calcium carbide, calcium chloride, calcium oxide, chlorine and sodium or potassium hydroxide, hydrochloric acid, hydrofluoric acid, hydrogen peroxide, nitric acid, potassium metal, potassium dichromate, potassium sulfate, sodium bicarbonate, sodium carbonate, sodium chloride, sodium dichromate and sodium sulfate, sodium metal, sodium silicate, sodium sulfite, sulfuric acid; titanium dioxide, aluminum fluoride, aluminum chloride, ammonium hydroxide, barium carbonate, borax production, boric acid, bromine, calcium carbonate, calcium hydroxide, carbon dioxide, carbon monoxide, chrome pigments, chrome acid, copper salts, cuprous oxide, ferric chloride, ferrous sulfate, fluorine, hydrogen, hydrogen cyanide, iodine, lead monoxide, lithium carbonate, manganese sulfate, nickel salts, oxygen and nitrogen, potassium chloride, potassium iodide, potassium permanganate, silver nitrate, sodium bisulfate, sodium fluoride, sodium hydrosulfide, sodium hydrosulfite, sodium silicofluoride, sodium thiosulfate, stannic oxide, sulfur dioxide, zinc oxide, zinc sulfate, cadmium pigments and salts, cobalt salts, sodium chlorate, and zinc chloride.
27. **Iron and Steel (40 CFR 420):** By-product and other cokemaking operations, sintering operations conducted by heating of ironbearing wastes together with fine iron ore, limestone, and coke fines in an ignition furnace to produce agglomerate for charging to the blast furnace. Ironmaking, steelmaking, vacuum degassing, continuous casting, hot forming, salt bath descaling, acid pickling, cold forming, alkaline cleaning, and hot coating operations, The production of direct-reduced iron and from briquetting and forging operations.

28. **Landfill (40 CFR 445):** Discharges of wastewater from landfill units' subject to the provision of 40 CFR part 264, 265 subpart N, part 258, and part 257. Exceptions are listed in 40 CFR 445.1 and are defined more specifically in subparts A and B.
29. **Leather Tanning and Finishing (40 CFR 425):** Leather tanning and finishing facilities.
30. **Meat Products (40 CFR 432):** Facilities that engage in the slaughtering, dressing, and packing of meat and poultry products.
31. **Metal Finishing (40 CFR 433):** This category has six core processes which include: electroplating, anodizing, conversion coating, electroless plating, chemical etching and milling, and the manufacturing of printed circuit boards. If one of these operations is present, then the discharge from the following associated operations is also regulated: cleaning, machining, grinding, polishing, tumbling, burnishing, impact deformation, pressure deformation, shearing, heat treating, thermal cutting, welding, brazing, soldering, flame spraying, sand blasting, other abrasive jet machining, electric discharge machining, electrochemical machining, electron beam machining, laser beam machining, plasma arc machining, ultrasonic machining, sintering, laminating, hot dip coating, sputtering, vapor plating, thermal infusion, salt bath descaling, solvent degreasing, paint stripping, painting, electrostatic painting, electropainting, vacuum metalizing, assembly, calibration, testing, and mechanical plating. Limits may be superseded by other industrial categories listed in part 433.10 (b) and (c).
32. **Metal Products and Machinery (40 CFR 438):** This applies to process wastewater discharges from oily operations to surface waters from existing or new industrial facilities engaged in manufacturing, rebuilding, or maintenance of metal parts, products, or machines for use in Metal Product & Machinery (MP&M) industrial sectors. as listed in part 438.1.
33. **Metal Molding and Casting (40 CFR 464):** Metal or molding casting facilities. Operations that include aluminum, copper, ferrous, and zinc casting.
34. **Mineral Mining and Processing (40 CFR 436):** Facilities that conduct mineral mining and processing.
35. **Nonferrous Metals Manufacturing (40 CFR 421):** The production of primary metals from ore concentrates and recovering secondary metals from recycle wastes.
36. **Nonferrous Metals Forming and Metal Powders (40 CFR 471):** The forming of nonferrous metals (including nonferrous metal alloys), except beryllium, copper, and aluminum and their alloys. This part does not apply to the forming of the metals cadmium, chromium, gallium, germanium, indium, lithium, manganese, neodymium, or praseodymium.
37. **Organic Chemicals, Plastics, and Synthetic Fibers (40 CFR 414):** The manufacture of organic chemicals, plastics, or synthetic fibers products or products groups as listed in part 414.11 (a).
38. **Paint Formulating (40 CFR 446):** The production of oil-based paint where tank cleaning is performed using solvents.
39. **Paving and Roofing Materials (40 CFR 443):** Production of asphalt paving and roofing emulsions, asphalt concrete, asphalt roofing materials, and linoleum and asphalt felt floor coverings.
40. **Pesticide Formulating, Packaging, and Repackaging (40 CFR 455):** Manufacture of organic pesticide chemicals, and metallo-organic pesticide. Formulation of pesticide, packaging, and repackaging operations to include agricultural pesticides performed by refilling establishments.
41. **Petroleum Refining (40 CFR 419):** Any facility that produces petroleum products by the use of topping, catalytic reforming, cracking, petrochemical operations, and lube oil manufacturing processes separately or combined.
42. **Pharmaceutical Manufacturing (40 CFR 439):** Research and manufacture of pharmaceutical products to include fermentation, extraction, chemical synthesis, and mixing/compounding products. Production and services from research and product development activities.
43. **Phosphate Manufacturing (40 CFR 422):** Manufacture of phosphorous production, phosphorous consuming, defluorinated phosphate rock, defluorinated phosphoric acid and sodium phosphates.
44. **Photographic (40 CFR 459):** The development or printing of paper prints, slides, negatives, enlargements, movie film, and other sensitized materials. Military facilities are also included. Facilities processing less than 150 sq. meters (1600 sq. feet) per day or less are not included.
45. **Plastics Molding and Forming (40 CFR 463):** Any plastics molding and forming process and includes contact cooling and heating, cleaning water, and finishing water.

46. **Porcelain Enameling (40 CFR 466):** Any porcelain enameling facilities. Porcelain enameling on precious metal basis material is not included.
47. **Pulp, Paper, and Paperboard and the Builders' Paper and Board Mills (40 CFR 430):** Pulp, paper, paperboard, mills.
48. **Rubber Manufacturing (40 CFR 428):** Any rubber manufacturing and production facility.
49. **Soap and Detergent Manufacturing (40 CFR 417):** Manufacture of soap by batch kettle, fatty acid by fat splitting, fatty acid neutralization, glycerine concentration, glycerine distillation, soap flakes and powders, bar soaps, liquid soaps, oleum sulfonation and sulfation, sulfation and sulfonation, solvent and vacuum sulfonation, sulfamic acid sulfation, chlorosulfonic acid sulfation, neutralization of sulfuric acid esters and sulfonic acids, spray dried detergent, liquid detergent, detergents by dry blending drum dried detergents, and detergent bars and cakes.
50. **Steam Electric Power Generation (40 CFR 423):** The generation of electricity for distribution and sale using either fossil-type fuel (coal, oil, or gas) or nuclear fuel in conjunction with a thermal cycle that has a steam/water thermodynamic medium.
51. **Textile Mills (40 CFR 410):** Any textile mill or textile processing facility.
52. **Timber Products (40 CFR 429):** Timber products processing operation including any plant producing insulation board with wood as the major raw material.
53. **Transportation Equipment Cleaning (40 CFR 442):** The cleaning of interior tanks used to transport chemical, petroleum or food grade cargos. Does not apply to facilities that clean on the exteriors of transportation equipment. Exclusions can be found in part 442.1 (b).
54. **Waste Combustors (40 CFR 444):** Wastewater discharges associated with Commercial Hazardous Waste Combustor (CHWC). Specifications can be found in subpart A.