Metropolitan Council Environmental Services
Industrial Waste & Pollution Prevention Section
390 North Robert Street
St Paul, Minnesota 55101-1805

For MCES Use Only

Permit No: _____
Staff: _____
Expiration Date: _____
Date Received: _____
SAC: YES / NO

INDUSTRIAL DISCHARGE PERMIT RENEWAL APPLICATION

A. GENERAL (Please indicate changes to the information for Items 1 - 6)

1. Company Name: _____
2. Mailing Address: _____
   _____
3. Facility Address: _____
   _____
4. Billing Address: _____
   _____
5. Facility County: _____

6. Contact Information: (please indicate changes below for each contact and/or type)

Contact Type	Contact Name	Contact Title	Phone Number	Fax Number	E-mail Address
Permit					
Field					
Billing					
Alternate					

7. Does your company have any other facilities in the Metropolitan Area which have not applied for a permit? ☐ No ☐ Yes If yes, please indicate address:
   _____
   _____

B. OPERATION

1. Operating Hours Per Day: _____
2. Operating Days Per Week: _____
3. Number of Employees Per Shift: 1st _____ 2nd _____ 3rd _____
   Total Number of Employees: _____
4. Hours of Operation: _____ AM to _____ PM (weekdays)
   _____ AM to _____ PM (weekends)

C. PRODUCTION

1.

Description of Operations	NAICS Code	Primary

2.

Principal Raw Materials	Daily Quantity	Units

3.

Principal Products	Daily Quantity	Units

4. Are there seasonal changes at this facility in the rate of production, services rendered, and/or industrial waste generated? ☐ Yes ☐ No If yes, please describe:

_____

_____

_____

5. Are there any planned significant changes in production, manufacturing or pretreatment at this facility in the next three years? ☐ Yes ☐ No If yes, please describe:

_____

_____

_____

6. Were there significant changes in production, manufacturing or pretreatment at this facility in the past 3 years that MCES is not yet aware of ☐ Yes ☐ No If yes, please describe:

_____

_____

_____

D. INDUSTRIAL WASTEWATER

1. Please indicate any incoming water treatment (check all that apply):

   ☐ Water Softener ☐ Reverse Osmosis ☐ De-ionization ☐ UV Radiation ☐ None

   Quantity of water treated: _____ Gallons/year

2. Please list any chemicals added to recirculating cooling water and/or boiler makeup

   _____

   _____

3. Please list the sources of all industrial waste discharges and their estimated percent of the total facility wastewater discharge to the sanitary sewer:

Source	% of Total Facility

(Use a seperate sheet if necessary)

4. Is your company's industrial wastewater pretreated prior to discharge to the sanitary sewer?
   ☐ Yes ☐ No If yes, please list the treatment method(s)

Method of Treatment	Parameter(s) Removed	Wastestreams Treated	Byproduct Disposal Method

(Use a seperate sheet if necessary)

5. Does your company have batch discharges*? ☐ Yes ☐ No
If Yes, please list in the table below:

Description	Quantity (gallons)	Discharge	Pretreatment Method

(Use a seperate sheet if necessary)

*Note: A batch discharge is defined as an infrequent or periodic discharge of industrial waste which includes, but is not limited to, the following: Spent acid or caustic solutions, spent process solutions, machining coolants, concentrated dead rinses, etc.

E. PERMITS & LICENSES

1. Minnesota State Tax ID Number: _____

2. Does this facility have an NPDES/SDS permit for discharge of noncontact cooling water, contaminated groundwater or other wastewater to a storm sewer or receiving water?
☐ Yes ☐ No

   If yes, please indicate the permit number: _____

3. Does this facility have a license or permit for the generation, treatment, storage, or disposal hazardous waste? ☐ Yes ☐ No

   In yes, please indicate type of license: ☐ VSQG ☐ SQG ☐ LQG ☐ Other: _____

Permit/License Number	Issued By

4. Does this facility discharge to the sewer any wastes that could be considered hazardous under Minnesota Rules Chapter 7045? ☐ Yes ☐ No

   If yes, please complete the table below:

Type of Discharge	Quantity (gallons)	Discharge Frequency

F. TRADE SECRET INFORMATION POLICY

Permit applications, along with most other documents required by MCES, are considered to be public information. If, however, a person considers specific information submitted to MCES to be "trade secret information," as defined by state and federal laws, the person may mark each page containing such information as "trade secret information." If the marked items are determined to be "trade secret information," then to the extent allowed by law, MCES will make reasonable efforts to maintain their nonpublic status. However, MCES is not liable to any persons for disclosure of such information.

G. FACILITY DIAGRAMS AND PROCESS SCHEMATICS

Provide current diagrams and/or schematics on seperate sheet(s) indicating the location of:

1. General areas, such as production, offices, warehouses, etc.;

2. Bulk chemical storage areas (such as: flammables, solvents, oils, acids, caustics, dyes, metal solutions, pesticides, ethylene glycol, or large volumes of foodstuff liquids);

3. Manufacturing or process areas where industrial waste is generated;

4. Main water supply and wastewater lines to and from process/manufacturing areas;

5. Incoming and deduct water meters;

6. All connections to the sanitary and storm sewers, including the locations of any oil/water separators or flammable waste traps;

7. Existing sampling/monitoring point(s);

8. Wastewater pretreatment system(s), if present;

9. Miscellaneous sources of industrial waste such as cooling tower bleedoff and boiler blowdown.

Also provide in list or table format the following information:

1. Equipment or processes using non-contact cooling water; and

2. Chemicals stored at this facility in quantities greater than 5 gallons that have the potential to effect the characteristics of the wastewater discharge.

Note: In the case of complex facilities with complex operations, more than one diagram, schematic or table may be necessary to provide all of the information requested above. Certain individual process operations or a pretreatment system may warrant a seperate schematic.

H. SPILL CONTROL PLAN / TOTAL TOXIC ORGANICS MANAGEMENT PLAN

The Permittee shall review and update the "Spill Control Plan" and the "Total Toxic Organics Management Plan" for the referenced facility on page 1 and submit the updated plans along with this permit renewal application. Please refer to Page 9 regarding the content of a "Spill Control Plan" or to Pages 10 - 12 regarding the content of a "Total Toxic Organics Management Plan."

I. CATEGORICAL PARAMETER WAIVER APPLICATION

The Permittee may apply to MCES for a waiver from routine monitoring for regulated parameters not present or expected to be present in their wastewater. The Permittee must apply/re-apply for this waiver at the time of permit renewal. The waiver application on Pages 13 and 14 requires collection and analysis of representative samples from each of the following:

1) Incoming water source for the infustrial process(es), prior to any treatment or conditioning. This sample shall be taken after running the water for a minimum of 2 minutes;

2) Process wastewater prior to pretreatment; and

3) Process wastewater after pretreatment. This sample shall be taken at the permit designated monitoring point(s), and the results must also be reported on the Industrial Waste Discharge Report for the period in which the samples were taken.

Representative samples are typically composite samples obtained on a normal operating day. The incoming water sample may be a grab sample. All sampling data for a waiver application shall be submitted as part of the Permit Renewal Application.

J. CERTIFICATION OF INFORMATION*

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 on 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 imprisonment for known violations.

Name (PRINT): _____

Title: _____

Signature: _____

Date: _____

*The signatory must be an authorized representative. An authorized representative must be :

(1) A principal executive officer of at least the level of Vice President, if the Applicant is a corporation;

(2) A general partner or proprietor if the Applicant is a partnership or sole proprietorship, respectively; or

(3) A duly authorized representative of the individual designated in (1) or (2) above, if such representative is responsible for the overall operation of the facility or has overall responsibility for environmental matters for this facility.**

** If the signatory is from category (3) above, then a written authorization similar to the one found on the following page must be on file with MCES. If written auhtorization is not on file with MCES and signatory is from category (3) above, then please complete the authorization form on Page 7 of this permit application.

Send completed application to:

Metropolitan Council Environmental Services
Industrial Waste & Pollution Prevention Section
390 North Robert Street
St Paul, MN 55101-1805

DESIGNATION OF AUTHORIZED REPRESENTATIVE FOR SUBMITTAL OF INDUSTRIAL WASTE DISCHARGE REPORTS

In many cases, an authorized representative (from category (1) or (2) on Page 6 of this form) may wish to designate a representative (from category (3) on page 6) for the purpose of signing and submitting Industrial Waste Discharge Reports to MCES as required by the Industrial Discharge Permit. Please note that the Designated Authorized Representative will receive all official correspondence from MCES, including compliance matters. If you, an authorized representative, wish to designate a person for this purpose, please complete this form. Please note, this designee must have overall responsibility for the overall operation of the facility or have overall responsibility for the environmental matters of the facility.

Industrial Discharge Permit No: _____

Facility Name: _____

Facility Address: _____

_____

I hereby designate (name) _____ as my Designated Authorized Representative for the purpose of signing and submitting MCES Industrial Waste Discharge Reports for the above-referenced facility. I understand that this designation does not release me from responsibility or liability for any violations of MCES Waste Discharge Rules that may occur at this facility.

Name	Title
Signature	Date

I understand that as a Designated Authorized Representative I am responsible for ensuring accurate collection and representation of all information submitted on MCES Industrial Waste Discharge Reports for the above-referenced facility. Further, I understand that I will be the primary contact for issues regarding the above-referenced MCES Industrial Discharge Permit.

Name of Designated Authorized Representative	Title
Signature	Date
Phone	E-mail

Metropolitan Council Environmental Services
Industrial Waste & Pollution Prevention Section
390 North Robert Street
St Paul, MN 55101

Requirements of a Spill Control Plan for Significant Industrial Users (SIUs):

1. A list of the name(s), titles, and phone numbers (office and home) of the persons assigned to coordinate spill response actions.

2. A general description (including volumes) of stored chemicals and process tanks. Also, describe areas were chemicals and transferred or pumped.

3. A description of controls and procedures to prevent the entry of chemicals, other materials, or wastes into the sewer. Examples of such controls are: dikes, permanently sealed floor drains, specialized valves, and procedures and record-keeping related to routine facility inspections. Also, note other procedures or equipment (if any) used for emergency

4. A description of procedures for immediate MCES notification in the event of a spill. For example, post the Minnesota State Duty Officer at (651) 649-5451 spill phone numbers in numerous locations. Also, a description of employee training regarding MCES notification, in-house notification, and other emergency response action.

5. As part of the revised EPA General Pretreatment Regulations requirements, the spill plan should also include a list of periodic batch discharges that may constitute a "slug" discharge to the MCES treatment plant or cause your facility discharge or the MCES treatment plant discharge to violate standards. Therefore, if you conduct batch discharges of wastes, you must include them as part of your spill plan.

All "significant" quantities of chemicals must be included in the spill plan. What is considered a significant quantity will vary, case by case; however, if you are storing chemicals such as solvents, oils, acids, dyes, or concentrated metal-bearing solutions in containers equal to, or greater than 5 gallons, then you must include these in your plan. This volume also applies to facility areas where these types of materials or wastes are pumped or transferred in or out of containers. If you store raw material or product such as corn syrup, milk, etc., in tanks of 500 gallons or more, you must include this in your spill plan. Large volumes of materials which seem harmless may have the potential to overwhelm the biological treatment process of a wastewater treatment plant and must be included in any spill plan. A pre-existing spill plan may be used to fulfill this requirements, if it is current and if it addresses the five elements above.

Please note that, in the event of a spill or uncontrolled discharge, you may be held liable for damages to the collection system, and the wastewater treatment plant, and for enforcement action taken against MCES by the Minnesota Pollution Control Agency or the U.S. EPA.

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Requirements of a Total Toxic Organics (TTO) Management Plan for Metal Finishers and Electroplaters

Total Toxic Organics (TTO) limitations have been promulgated for all process wastewater classified as Metal Finishing and Electroplating Categorical Discharges (40 CFR 433 and 40 CFR 413). The TTO limitation is defined as the summation of all toxic organics, present in concentrations greater than 0.01 mg/L, for the toxic organic compounds identified in the following list. Maximum daily TTO concentration limitations and compliance dates for metal finishers and electroplaters are as follows:

Category	TTO Limitation (mg/L)	Final Compliance Date
Metal Finishing	2.13	February 15, 1986
Electroplating - less than 10,000 gpd	4.57	July 15, 1986
Electroplating - 10,000 gpd or greater	2.13	July 15, 1986

The Permittee has the option of demonstrating compliance by routine TTO monitoring or by certifying that concentrated TTO organics are not discharged into public sewers. In lieu of TTO monitoring, the Permittee may select the certification alternative by submitting a certification statement in accordance with 40 CFR 433.12(a). THIS STATEMENT MUST BE INCLUDED AS AN ATTACHMENT TO ROUTINE SELF-MONITORING REPORTS REQUIRED UNDER THE MCES INDUSTRIAL DISCHARGE PERMIT.

The Permittee is reminded that the certification statement does not remove liability for non-compliance with the TTO limitations. The certification option WILL NOT be accepted by the Industrial Waste & Pollution Prevention Section if existing monitoring data indicates non-compliance with TTO limitations or if MCES has evidence of concentrated discharges into public sewers. In such cases, routine TTO monitoring will be required.

Approval of the certification alternative by the Industrial Waste & Pollution Prevention Section requires the Permittee to develop and submit a TTO Management Plan that identifies the toxic organics used. The TTO Management Plan shall include the following:

1. List TTO compounds that are used in the metal finishing and electroplating processes. The list shall include the quanitity/concentration of TTO compounds present in products or raw materials used in the regulated processes. Information may be based on manufacturer or supplier information. Raw materials and products may include but are not limited to: chemical additives; water treatment chemicals; cleaning compounds; and solvent degreasing agents.

2. List and diagram regulated processes where the TTO compounds identified above are used and may enter the process discharge. If the potential exists for a TTO compound to enter the process wastewater discharge, a pollutant control evaluation shall describe the in-plant control procedures used to limit or eliminate the TTO discharge. This may include chemical substitution, operational changes, spill control, recovery, reuse, or other control methods.

3. List the methods of disposal used in lieu of dumping, such as reclamation, contract hauling, or incineration.

4. List solvent degreaser discharge volumes and frequency of discharge. Include associated TTO compounds and concentration, if present.

Copies of completed hazardous waste license applications may be submitted to supplement the information requested in 1-4 above. However, the essential information requested must be included in the submittal.

Total Toxic Organics*

1. Acenaphthene
2. Acrolein
3. Acrylonitrile
4. Benzene
5. Benzidine
6. Carbon tetrachloride (tetrachloromethane)
7. Chlorobenzene
8. 1,2,4-trichlorobenzene
9. Hexachlorobenzene
10. 1,2-dichloroethane
11. 1,1,1-trichloroethane
12. Hexachloroethane
13. 1,1-dichloroethane
14. 1,1,2-trichloroethane
15. 1,1,2,2-tetrachloroethane
16. Chloroethane
17. Bis (2-chloroethyl) ether
18. 2-chloroethyl vinyl ether (mixed)
19. 2-chloronaphthalene
20. 2,4,6-trichlorphenol
21. Parachlorometa cresol
22. Chloroform (trichloromethane)
23. 2-chlorophenol
24. 1,2-dichlorobenzene
25. 1,3-dichlorobenzene
26. 1,4-dichlorobenzene
27. 3,3-dichlorobenzidine
28. 1,1-dichloroethylene
29. 1,2-trans-dichloroethylene
30. 2,4-dichlorophenol
31. 1,2-dichloropropane
32. 1,3-dichlorpropylene (1,3-dichloropropene)
33. 2,4-dimethylphenol
34. 2,4-dinitrotoluene
35. 2,6-dinitrotoluene
36. 1,2-diphenylhydrazine
37. Ethylbenzene
38. Fluoranthene
39. 4-chlorophenyl phenyl ether
40. 4-bromophenyl phenyl ether
41. Bis (2-chloroisopropyl) methane
42. Bis (2-chloroethoxy) methane
43. Methylene chloride (dichloromethane)
44. Methyl chloride (chloromethane)
45. Methyl bromide (bromomethane)
46. Bromoform (tribromomethane)
47. Dichlorobromomethane
48. Chlorodibromomethane
49. Hexachlorobutadiene
50. Hexachlorocyclopentadiene
51. Isophorone
52. Naphthalane
53. Nitrobenzene
54. 2-nitrophenol
55. 4-nitrophenol
56. 2,4-dinitrophenol
57. 4,6-dinitro-o-cresol
58. N-nitrosodimethylamine
59. N-nitrosodiphenylamine
60. N-nitrosodi-n-propylamine
61. Pentachlorophenol
62. Phenol
63. Bis (2-ethylhexyl) phthalate
64. Butyl benzyl phthalate
65. Di-n-butyl phthalate
66. Di-n-octyl phthalate
67. Diethyl phthalate
68. Dimethyl phthalate

69. 1,2-benzanthracene (benzo(a)anthracene)
70. Benzo(a)pyrene (3,4-benzopyrene)
71. 3,4-Benzofluoranthene (benzo(b)fluroanthene)
72. 11,12-benzofluoranthene (benzo(k)fluoranthene
73. Chrysene
74. Acenaphthylene
75. Anthracene
76. 1,12-benzoperylene (benzo(ghi)perylene)
77. Fluorene
78. Phenanthrene
79. 1,2,5,6-dibenzanthracene (dibenzo(a)anthracene)
80. Indeno(1,2,3-cd) pyrene (2,3-o-phenylene pyrene)
81. Pyrene
82. Tetrachloroethylene
83. Toluene
84. Trichloroethylene
85. Vinyl chloride (chloroethylene)
86. Aldrin
87. Dieldrin
88. Chlordane (technical mixture and metabolites)
89. 4,4-DDT
90. 4,4-DDE (p,p-DDX)
91. 4,4-DDD (p,p-TDE)
92. Alpha-endosulfan
93. Beat-endosulfan
94. Endosulfan sulfate
95. Endrin
96. Endrin aldehyde
97. Heptachlor
98. Heptachlor epoxide

<u>BHC-hexachlorocyclohexane</u>

99. Alpha-BHC
100. Beta-BHC
101. Gamma-BHC
102. Delta-BHC

<u>PCB-polychlorinated biphenyls</u>

103. PCB-1242 (Arochlor 1242)
104. PCB-1254 (Arochlor 1254)
105. PCB-1221 (Arochlor 1221)
106. PCB-1232 (Arochlor 1232)
107. PCB-1248 (Arochlor 1248)
108. PCB-1260 (Arochlor 1260)
109. PCB-1016 (Arochlor 1016)
110. Toxaphene
111. 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)

* Total Toxic Organics, as listed in 40 CFR 433 and 40 CFR 413.

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CATEGORICAL PARAMETERS SAMPLING WAIVER

Application Form

1. Company Name: _____ Permit No: _____

2. Site Address: Mailing Address:

_____ _____

_____ _____

3. EPA Pretreatment Category: _____

4. Parameters Requested to be Waived: _____

5. Description of each Sampling Location:

   Incoming Water: _____

   Prior to Pretreatment: _____

   After Pretreatment: _____

6. Date of Sample Collection: _____

7. Monitoring Day Volumes (in gallons):

   Process: _____ Total Facility: _____

8. Method of volume determination: _____

9. Sample collected by: _____

10. Sample analyzed by: _____

(over, please)

11. Analytical results. Report parameter concentrations at each sampling location below. Express all values in mg/L or ppm. Analytical and sampling methods used shall meet EPA protocol (Code of Federal Regulations, Part 136 and Part 403). Note that cyanide samples must be collected as a series of at least four grabs such that the samples are presentative of a normal discharge event. Copes if all laboratory data sheets shall be submitted with this application.

Parameter	Incoming Water	Prior to Pretreatment	After Pretreatment

12. Certification and Signature:

"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 on 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 signficant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Application submitted by*:

Name (Print): _____ Date: _____

Title: _____ Phone: _____

Signature: _____ Email: _____

* This form must be completed by an Authorized Representative defined as follows:

1) A principal executive officer of at least the level of Vice President, if the Permittee is a corporation;

2) A general partner or proprietor, if the Permittee is a partnership or sole proprietorship, respectively; or

3) A Designated Authorized Representative for the individual described in (1) or (2) above, if such representative is responsible for the overall operation of the facility or has overall responsibility for environmental matters for this facility.

Send completed application to: Metropolitan Council Environmental Services
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