

DRAFT/PROPOSED CAAPP PERMIT
May 13, 2014

Attention:

Arlington Plating Company
Attn: Rich Macary
600 South Vermont Street
Palatine, Illinois 60078

State of Illinois

CLEAN AIR ACT PERMIT
PROGRAM (CAAPP) PERMIT

[Title I and Title V Permit]

Source:

Arlington Plating Company
600 South Vermont Street
Palatine, Illinois 60078

I.D. No.: 031234AAP
Permit No.: 95120034

Permitting Authority:

Illinois Environmental Protection Agency
Bureau of Air, Permit Section
217/785-1705

CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT

[Title I and Title V Permit]

Type of Application: Renewal
Purpose of Application: Renew Existing CAAPP Permit for 5 Years
ID No.: 031234AAP
Permit No.: 95120034
Statement of Basis No.: 95120034-**Error! Bookmark not defined.**

Date Application Received: October 6, 2008
Date Issued: **3**

Expiration Date: **Error! Bookmark not defined.**
Renewal Submittal Date: 9 Months Prior to **Error! Bookmark not defined.**

Source Name: Arlington Plating Company
Address: 600 South Vermont Street
City: Palatine
County: Cook
ZIP Code: 60078

This permit is hereby granted to the above-designated source authorizing operation in accordance with this CAAPP permit, pursuant to the above referenced application. This source is subject to the conditions contained herein. For further information on the source see Section 1 and for further discussion on the effectiveness of this permit see Condition 2.3(g).

If you have any questions concerning this permit, please contact Justin Cameron at 217/785-1705.

Raymond E. Pilapil
Acting Manager, Permit Section
Division of Air Pollution Control

REP:MTR:JTC:psj

cc: IEPA, Permit Section
IEPA, FOS, Region 1
Lotus Notes Database

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Section 1 - Source Information

1. Addresses

Source

Arlington Plating Company
600 South Vermont Street
Palatine, Illinois 60078

Owner

Arlington Plating Company
600 South Vermont Street
Palatine, Illinois 60078

Operator

Arlington Plating Company
600 South Vermont Street
Palatine, Illinois 60078

Permittee

The Owner or Operator of the source as identified in this table.

2. Contacts

Certified Officials

The source shall submit an Administrative Permit Amendment for any change in the Certified Officials, pursuant to Section 39.5(13) of the Act.

	<i>Name</i>	<i>Title</i>
<i>Responsible Official</i>	Richard Macary	Vice President GM
<i>Delegated Authority</i>	No other individuals have been authorized by the IEPA.	N/A

Other Contacts

	<i>Name</i>	<i>Phone No.</i>	<i>Email</i>
<i>Source Contact</i>	Rich Macary	(847)359-1490	N/A
<i>Technical Contact</i>	Joelie Zak	(773)254-2406	joeliezak@sclweb.com
<i>Correspondence</i>	Rich Macary	(847)359-1490	N/A
<i>Billing</i>	Rich Macary	(847)359-1490	N/A

3. Single Source

The source identified in Condition 1.1 above shall be defined to include all the following additional source(s):

<i>I.D. No.</i>	<i>Permit No.</i>	<i>Single Source Name and Address</i>
N/A	N/A	N/A

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Section 2 - General Permit Requirements

1. Prohibitions

- a. It shall be unlawful for any person to violate any terms or conditions of this permit issued under Section 39.5 of the Act, to operate the CAAPP source except in compliance with this permit issued by the IEPA under Section 39.5 of the Act or to violate any other applicable requirements. All terms and conditions of this permit issued under Section 39.5 of the Act are enforceable by USEPA and citizens under the Clean Air Act, except those, if any, that are specifically designated as not being federally enforceable in this permit pursuant to Section 39.5(7)(m) of the Act. [Section 39.5(6)(a) of the Act]
- b. After the applicable CAAPP permit or renewal application submittal date, as specified in Section 39.5(5) of the Act, the source shall not operate this CAAPP source without a CAAPP permit unless the complete CAAPP permit or renewal application for such source has been timely submitted to the IEPA. [Section 39.5(6)(b) of the Act]
- c. No Owner or Operator of the CAAPP source shall cause or threaten or allow the continued operation of an emission source during malfunction or breakdown of the emission source or related air pollution control equipment if such operation would cause a violation of the standards or limitations applicable to the source, unless this CAAPP permit granted to the source provides for such operation consistent with the Act and applicable Illinois Pollution Control Board regulations. [Section 39.5(6)(c) of the Act]
- d. Pursuant to Section 39.5(7)(g) of the Act, emissions from the source are not allowed to exceed any allowances that the source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder, consistent with Section 39.5(17) of the Act and applicable requirements, if any.

2. Emergency Provisions

Pursuant to Section 39.5(7)(k) of the Act, the Owner or Operator of the CAAPP source may provide an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations under this CAAPP permit if the following conditions are met through properly signed, contemporaneous operating logs, or other relevant evidence:

- a.
 - i. An emergency occurred and the source can identify the cause(s) of the emergency.
 - ii. The source was at the time being properly operated.
 - iii. The source submitted notice of the emergency to the IEPA within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
 - iv. During the period of the emergency the source took all reasonable steps to minimize levels of emissions that exceeded the emission limitations, standards, or requirements in this permit.
- b. For purposes of Section 39.5(7)(k) of the Act, "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, such as an act of God, that requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operation error.
- c. In any enforcement proceeding, the source seeking to establish the occurrence of an emergency has the burden of proof. This provision is in addition to any emergency or

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upset provision contained in any applicable requirement. This provision does not relieve the source of any reporting obligations under existing federal or state laws or regulations.

3. General Provisions

a. Duty to Comply

The source must comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the CAA and the Act, and is grounds for any or all of the following: enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. [Section 39.5(7)(o)(i) of the Act]

b. Need to Halt or Reduce Activity is not a Defense

It shall not be a defense for the source in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Section 39.5(7)(o)(ii) of the Act]

c. Duty to Maintain Equipment

The source shall maintain all equipment covered under this permit in such a manner that the performance or operation of such equipment shall not cause a violation of applicable requirements. [Section 39.5(7)(a) of the Act]

d. Disposal Operations

The source shall be operated in such a manner that the disposal of air contaminants collected by the equipment operations, or activities shall not cause a violation of the Act or regulations promulgated there under. [Section 39.5(7)(a) of the Act]

e. Duty to Pay Fees

- i. The source must pay fees to the IEPA consistent with the fee schedule approved pursuant to Section 39.5(18) of the Act, and submit any information relevant thereto. [Section 39.5(7)(o)(vi) of the Act]
- ii. The IEPA shall assess annual fees based on the allowable emissions of all regulated air pollutants, except for those regulated air pollutants excluded in Section 39.5(18)(f) of the Act and insignificant activities in Section 6, at the source during the term of this permit. The amount of such fee shall be based on the information supplied by the applicant in its complete CAAPP permit application. [Section 39.5(18)(a)(ii)(A) of the Act]
- iii. The check should be payable to "Treasurer, State of Illinois" and sent to: Fiscal Services Section, Illinois EPA, P.O. Box 19276, Springfield, IL, 62794-9276. Include on the check: ID #, Permit #, and "CAAPP Operating Permit Fees". [Section 39.5(18)(e) of the Act]

f. Obligation to Allow IEPA Surveillance

Pursuant to Sections 4(a), 39.5(7)(a), and 39.5(7)(p)(ii) of the Act, inspection and entry requirements that necessitate that, upon presentation of credentials and other documents as may be required by law and in accordance with constitutional limitations, the source shall allow the IEPA, or an authorized representative to perform the following:

- i. Enter upon the source's premises where the emission unit(s) are located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

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- ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit.
- iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
- iv. Sample or monitor any substances or parameters at any location at reasonable times:
 - A. As authorized by the Clean Air Act or the Act, at reasonable times, for the purposes of assuring compliance with this CAAPP permit or applicable requirements; or
 - B. As otherwise authorized by the Act.
- v. Enter and utilize any photographic, recording, testing, monitoring, or other equipment for the purposes of preserving, testing, monitoring, or recording any activity, discharge or emission at the source authorized by this permit.

g. Effect of Permit

- i. Pursuant to Section 39.5(7)(j)(iv) of the Act, nothing in this CAAPP permit shall alter or affect the following:
 - A. The provisions of Section 303 (emergency powers) of the CAA, including USEPA's authority under that Section.
 - B. The liability of the Owner or Operator of the source for any violation of applicable requirements prior to or at the time of permit issuance.
 - C. The applicable requirements of the acid rain program consistent with Section 408(a) of the Clean Air Act.
 - D. The ability of USEPA to obtain information from the source pursuant to Section 114 (inspections, monitoring, and entry) of the Clean Air Act.
- ii. Notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, pursuant to Sections 39.5(7)(j) and (p) of the Act, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements. [35 IAC 201.122 and Section 39.5(7)(a) of the Act]

h. Severability Clause

The provisions of this permit are severable. In the event of a challenge to any portion of this permit, other portions of this permit may continue to be in effect. Should any portion of this permit be determined to be illegal or unenforceable, the validity of the other provisions shall not be affected and the rights and obligations of the source shall be construed and enforced as if this permit did not contain the particular provisions held to be invalid and the applicable requirements underlying these provisions shall remain in force. [Section 39.5(7)(i) of the Act]

4. Testing

- a. Tests conducted to measure composition of materials, efficiency of pollution control devices, emissions from process or control equipment, or other parameters shall be conducted using standard test methods if applicable test methods are not specified by the applicable regulations or otherwise identified in the conditions of this permit. Documentation of the test date, conditions, methodologies, calculations, and test results shall be retained pursuant to the recordkeeping procedures of this permit. Reports of

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any tests conducted as required by this permit or as the result of a request by the IEPA shall be submitted as specified in Condition 7.1 of this permit. [35 IAC Part 201 Subpart J and Section 39.5(7)(a) of the Act]

- b. Pursuant to Section 4(b) of the Act and 35 IAC 201.282, every emission source or air pollution control equipment shall be subject to the following testing requirements for the purpose of determining the nature and quantities of specified air contaminant emissions and for the purpose of determining ground level and ambient air concentrations of such air contaminants:
 - i. Testing by Owner or Operator: The IEPA may require the Owner or Operator of the emission source or air pollution control equipment to conduct such tests in accordance with procedures adopted by the IEPA, at such reasonable times as may be specified by the IEPA and at the expense of the Owner or Operator of the emission source or air pollution control equipment. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of air pollution testing. The IEPA shall have the right to observe all aspects of such tests.
 - ii. Testing by the IEPA: The IEPA shall have the right to conduct such tests at any time at its own expense. Upon request of the IEPA, the Owner or Operator of the emission source or air pollution control equipment shall provide, without charge to the IEPA, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary.

5. Recordkeeping

a. Control Equipment Maintenance Records

Pursuant to Section 39.5(7)(b) of the Act, a maintenance record shall be kept on the premises for each item of air pollution control equipment. At a minimum, this record shall show the dates maintenance was performed and the nature of preventative maintenance activities.

b. Retention of Records

- i. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. [Section 39.5(7)(e)(ii) of the Act]
- ii. Pursuant to Section 39.5(7)(a) of the Act, other records required by this permit including any logs, plans, procedures, or instructions required to be kept by this permit shall be retained for a period of at least 5 years from the date of entry unless a different period is specified by a particular permit provision.

c. Availability of Records

- i. Pursuant to Section 39.5(7)(a) of the Act, the Permittee shall retrieve and provide paper copies, or as electronic media, any records retained in an electronic format (e.g., computer) in response to an IEPA or USEPA request during the course of a source inspection.
- ii. Pursuant to Section 39.5(7)(a) of the Act, upon written request by the IEPA for copies of records or reports required to be kept by this permit, the Permittee shall promptly submit a copy of such material to the IEPA. For this purpose, material shall be submitted to the IEPA within 30 days unless additional time is provided by the IEPA or the Permittee believes that the volume and nature of

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requested material would make this overly burdensome, in which case, the Permittee shall respond within 30 days with the explanation and a schedule for submittal of the requested material. (See also Condition 2.9(d))

6. Certification

a. Compliance Certification

- i. Pursuant to Section 39.5(7)(p)(v)(C) of the Act, the source shall submit annual compliance certifications by May 1 unless a different date is specified by an applicable requirement or by a particular permit condition. The annual compliance certifications shall include the following:
 - A. The identification of each term or condition of this permit that is the basis of the certification.
 - B. The compliance status.
 - C. Whether compliance was continuous or intermittent.
 - D. The method(s) used for determining the compliance status of the source, both currently and over the reporting period consistent with the conditions of this permit.
- ii. Pursuant to Section 39.5(7)(p)(v)(D) of the Act, all compliance certifications shall be submitted to USEPA Region 5 in Chicago as well as to the IEPA Compliance Section. Addresses are included in Attachment 3.
- iii. Pursuant to Section 39.5(7)(p)(i) of the Act, all compliance reports required to be submitted shall include a certification in accordance with Condition 2.6(b).

b. Certification by a Responsible Official

Any document (including reports) required to be submitted by this permit shall contain a certification by the responsible official of the source that meets the requirements of Section 39.5(5) of the Act and applicable regulations. [Section 39.5(7)(p)(i) of the Act]. An example Certification by a Responsible Official is included in Attachment 4 of this permit.

7. Permit Shield

- a. Pursuant to Section 39.5(7)(j) of the Act, except as provided in Condition 2.7(b) below, the source has requested and has been granted a permit shield. This permit shield provides that compliance with the conditions of this permit shall be deemed compliance with applicable requirements which were applicable as of the date the proposed permit for this source was issued, provided that either the applicable requirements are specifically identified within this permit, or the IEPA, in acting on this permit application, has determined that other requirements specifically identified are not applicable to this source and this determination (or a concise summary thereof) is included in this permit. This permit shield does not extend to applicable requirements which are promulgated after **Error! Bookmark not defined.** (date USEPA notice started), unless this permit has been modified to reflect such new requirements.
- b. Pursuant to Section 39.5(7)(j) of the Act, this permit and the terms and conditions herein do not affect the Permittee's past and/or continuing obligation with respect to statutory or regulatory requirements governing major source construction or modification under Title I of the CAA. Further, neither the issuance of this permit nor any of the terms or conditions of the permit shall alter or affect the liability of the Permittee for any violation of applicable requirements prior to or at the time of permit issuance.

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- c. Pursuant to Section 39.5(7)(a) of the Act, the issuance of this permit by the IEPA does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the IEPA or the USEPA may have against the applicant including, but not limited to, any enforcement action authorized pursuant to the provision of applicable federal and state law.

8. Title I Conditions

Pursuant to Sections 39(a), 39(f), and 39.5(7)(a) of the Act, as generally identified below, this CAAPP permit may contain certain conditions that relate to requirements arising from the construction or modification of emission units at this source. These requirements derive from permitting programs authorized under Title I of the Clean Air Act (CAA) and regulations thereunder, and Title X of the Illinois Environmental Protection Act (Act) and regulations implementing the same. Such requirements, including the New Source Review programs for both major (i.e., PSD and nonattainment areas) and minor sources, are implemented by the IEPA.

- a. This permit may contain conditions that reflect requirements originally established in construction permits previously issued for this source. These conditions include requirements from preconstruction permits issued pursuant to regulations approved or promulgated by USEPA under Title I of the CAA, as well as requirements contained within construction permits issued pursuant to state law authority under Title X of the Act. Accordingly, all such conditions are incorporated into this CAAPP permit by virtue of being either an "applicable Clean Air Act requirement" or an "applicable requirement" in accordance with Section 39.5 of the Act. These conditions are identifiable herein by a designation to their origin of authority.
- b. This permit may contain conditions that reflect necessary revisions to requirements established for this source in preconstruction permits previously issued under the authority of Title I of the CAA. These conditions are specifically designated herein as "TIR".
 - i. Revisions to original Title I permit conditions are incorporated into this permit through the combined legal authority of Title I of the CAA and Title X of the Act. Public participation requirements and appeal rights shall be governed by Section 39.5 of the Act.
 - ii. Revised Title I permit conditions shall remain in effect through this CAAPP permit, and are therefore enforceable under the same, so long as such conditions do not expire as a result of a failure to timely submit a complete renewal application or are not removed at the applicant's request.
- c. This permit may contain conditions that reflect new requirements for this source that would ordinarily derive from a preconstruction permit established under the authority of Title I of the CAA. These conditions are specifically designated herein as "TIN".
 - i. The incorporation of new Title I requirements into this CAAPP permit is authorized through the combined legal authority of Title I of the CAA and Title X of the Act. Public participation requirements and appeal rights shall be governed by Section 39.5 of the Act.
 - ii. Any Title I conditions that are newly incorporated shall remain in effect through this CAAPP permit, and are therefore enforceable under the same, so long as such conditions do not expire as a result of a failure to timely submit a complete renewal application or are not removed at the applicant's request.

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9. Reopening and Revising Permit

a. Permit Actions

This permit may be modified, revoked, reopened and reissued, or terminated for cause in accordance with applicable provisions of Section 39.5 of the Act. The filing of a request by the source for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [Section 39.5(7)(o)(iii) of the Act]

b. Reopening and Revision

Pursuant to Section 39.5(15)(a) of the Act, this permit must be reopened and revised if any of the following occur:

- i. Additional requirements become applicable to the equipment covered by this permit and three or more years remain before expiration of this permit;
- ii. Additional requirements become applicable to the source for acid deposition under the acid rain program;
- iii. The IEPA or USEPA determines that this permit contains a material mistake or that an inaccurate statement was made in establishing the emission standards or limitations, or other terms or conditions of this permit; or
- iv. The IEPA or USEPA determines that this permit must be revised or revoked to ensure compliance with the applicable requirements.

c. Inaccurate Application

Pursuant to Sections 39.5(5)(e) and (i) of the Act, the IEPA has issued this permit based upon the information submitted by the source in the permit application referenced on page 1 of this permit. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation or reopening of this CAAPP under Section 39.5(15) of the Act.

d. Duty to Provide Information

The source shall furnish to the IEPA, within a reasonable time specified by the IEPA any information that the IEPA may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the source shall also furnish to the IEPA copies of records required to be kept by this permit. [Section 39.5(7)(o)(v) of the Act]

10. Emissions Trading Programs

No permit revision shall be required for increases in emissions allowed under any USEPA approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for elsewhere in this permit and that are authorized by the applicable requirement. [Section 39.5(7)(o)(vii) of the Act]

11. Permit Renewal

- a. Upon the expiration of this permit, if the source is operated, it shall be deemed to be operating without a permit unless a timely and complete CAAPP application has been submitted for renewal of this permit. However, if a timely and complete application to renew this CAAPP permit has been submitted, the terms and all conditions of the most recent issued CAAPP permit will remain in effect until the issuance of a renewal permit. [Sections 39.5(5)(1) and (o) of the Act]

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- b. For purposes of permit renewal, a timely application is one that is submitted no less than 9 months prior to the date of permit expiration. [Section 39.5(5)(n) of the Act]

12. Permanent Shutdown

Pursuant to Section 39.5(7)(a) of the Act, this permit only covers emission units and control equipment while physically present at the source location(s). Unless this permit specifically provides for equipment relocation, this permit is void for the operation or activity of any item of equipment on the date it is removed from the permitted location(s) or permanently shut down. This permit expires if all equipment is removed from the permitted location(s), notwithstanding the expiration date specified on this permit.

13. Startup, Shutdown, and Malfunction

Pursuant to Section 39.5(7)(a) of the Act, in the event of an action to enforce the terms or conditions of this permit, this permit does not prohibit a Permittee from invoking any affirmative defense that is provided by the applicable law or rule.

Section 3 - Source Requirements

1. Applicable Requirements

Pursuant to Sections 39.5(7)(a), 39.5(7)(b), and 39.5(7)(d) of the Act, the Permittee shall comply with the following applicable requirements. These requirements are applicable to all emission units (including insignificant activities unless specified otherwise in this Section) at the source.

a. Fugitive Particulate Matter

- i. Pursuant to 35 IAC 212.301 and 35 IAC 212.314, no person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally toward the zenith at a point beyond the property line of the source unless the wind speed is greater than 25 mph.
- ii. Compliance Method (Fugitive Particulate Matter)

Upon request by the IEPA, the Permittee shall conduct observations at the property line of the source for visible emissions of fugitive particulate matter from the source to address compliance with 35 IAC 212.301. For this purpose, daily observations shall be conducted for a week for particular area(s) of concern at the source, as specified in the request, observations shall begin either within one day or three days of receipt of a written request from the IEPA, depending, respectively, upon whether observations will be conducted by employees of the Permittee or a third-party observer hired by the Permittee to conduct observations on its behalf. The Permittee shall keep records for these observations, including identity of the observer, the date and time of observations, the location(s) from which observations were made, and duration of any fugitive emissions event(s).

b. Emissions Reduction Market System (ERMS)

Pursuant to 35 IAC Part 205, this source is considered a "participating source" for purposes of the ERMS. The allotment of ATUs to this source is 243 ATUs per seasonal allotment period. The Permittee shall comply with all applicable requirements in Section 7.3 of this permit.

c. Ozone Depleting Substances

Pursuant to 40 CFR 82.150(b), the Permittee shall comply with the standards for recycling and emissions reduction of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

- i. Pursuant to 40 CFR 82.156, persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices.
- ii. Pursuant to 40 CFR 82.158, equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment.
- iii. Pursuant to 40 CFR 82.161, persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program.
- iv. Pursuant to 40 CFR 82 Subpart B, any person performing service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner shall comply with 40 CFR 82 Subpart B, Servicing of Motor Vehicle Air Conditioners.

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- v. Pursuant to 40 CFR 82.166, all persons shall comply with the reporting and recordkeeping requirements of 40 CFR 82.166.

d. Asbestos Demolition and Renovation

- i. Asbestos Fees. Pursuant to Section 9.13(a) of the Act, for any site for which the Owner or Operator must file an original 10-day notice of intent to renovate or demolish pursuant to Condition 3.1(d)(ii) below and 40 CFR 61.145(b), the owner or operator shall pay to the IEPA with the filing of each 10-day notice a fee of \$150.
- ii. Pursuant to 40 CFR 61 Subpart M, Standard of Asbestos, prior to any demolition or renovation at this facility, the Permittee shall fulfill notification requirements of 40 CFR 61.145(b).
- iii. Pursuant to 40 CFR 61.145(c), during demolition or renovation, the Permittee shall comply with the procedures for asbestos emission control established by 40 CFR 61.145(c).

e. NESHAP Standards (40 CFR 63 Subpart DDDDD)

Pursuant to 40 CFR 63.7495(b), no later than January 31, 2016, the source must:

- i. Meet the applicable general provisions of 40 CFR 63 Subpart A. See Section 7.4.
- ii. Have a one-time energy assessment performed on the source as specified in 40 CFR 63 Subpart DDDDD Table 3 Condition 4, pursuant to 40 CFR 63.7500(a)(1).

f. Future Emission Standards

Pursuant to Section 39.5(15)(a) of the Act, this source shall comply with any new or revised applicable future standards of 40 CFR 60, 61, 62, or 63; or 35 IAC Subtitle B after the date issued of this permit. The Permittee shall, in accordance with the applicable regulation(s), comply with the applicable requirements by the date(s) specified and shall certify compliance with the applicable requirements of such regulation(s) as part of the annual compliance certification, as required by Condition 2.6(a). This permit may also have to be revised or reopened to address such new regulations in accordance to Condition 2.9.

2. Applicable Plans and Programs

Pursuant to Sections 39.5(7)(a), 39.5(7)(b), and 39.5(7)(d) of the Act, the Permittee shall comply with the following applicable requirements. These requirements are applicable to all emission units (including insignificant activities unless specified otherwise in this Section) at the source.

a. Fugitive PM Operating Program

- i. Pursuant to 35 IAC 212.309, this source shall be operated under the provisions of Fugitive PM Operating Program prepared by the Permittee and submitted to the IEPA for its review. The Fugitive PM Operating Program shall be designed to significantly reduce fugitive particulate matter emissions, pursuant to 35 IAC 212.309(a). The Permittee shall comply with the Fugitive PM Operating Program and any amendments to the Fugitive PM Operating Program submitted pursuant to Condition 3.2(a)(ii). As a minimum, the Fugitive PM Operating Program shall include provisions identified in 35 IAC 212.310(a) through (g) and the following:
 - A. A detailed description of the best management practices utilized to achieve compliance with 35 IAC 212.304 through 212.308.
 - B. Estimated frequency of application of dust suppressants by location.

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- C. Such other information as may be necessary to facilitate the IEPA's review of the Fugitive PM Operating Program.
- ii. Pursuant to 35 IAC 212.312, the Fugitive PM Operating Program shall be amended from time to time by the Permittee so that the Fugitive PM Operating Program is current. Such amendments shall be consistent with the requirements set forth by this Condition 3.2(a) and shall be submitted to the IEPA within 30 days of such amendment. Any future revision to the Fugitive PM Operating Program made by the Permittee during the permit term is automatically incorporated by reference provided the revision is not expressly disapproved, in writing, by the IEPA within 30 days of receipt of the revision. In the event that the IEPA notifies the Permittee of a deficiency with any revision to the Fugitive PM Operating Program, the Permittee shall be required to revise and resubmit the Fugitive PM Operating Program within 30 days of receipt of notification to address the deficiency pursuant to Section 39.5(7)(a) of the Act.
- iii. The Fugitive PM Operating Program, as submitted by the Permittee on May 18, 2001, is incorporated herein by reference. The document constitutes the formal Fugitive PM Operating Program required under 35 IAC 212.310, addressing the control of fugitive particulate matter emissions from all plant roadways and other subject operations located at the facility that are subject to 35 IAC 212.309.
- iv. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep a copy of the Fugitive PM Operating Program, any amendments or revisions to the Fugitive PM Operating Program (as required by Condition 3.2(a)), and the Permittee shall also keep a record of activities completed according to the Fugitive PM Operating Program.

b. PM₁₀ Contingency Measure Plan

Should this source become subject to 35 IAC 212.700, then the Permittee shall prepare and operate under a PM₁₀ Contingency Measure Plan reflecting the PM₁₀ emission reductions as set forth in 35 IAC 212.701 and 212.703. The Permittee shall, within 90 days after the date this source becomes subject to 35 IAC 212.700, submit a request to modify this CAAPP permit in order to include a new, appropriate PM₁₀ Contingency Measure Plan.

c. Episode Action Plan

Should this source become subject to 35 IAC 244.142, the Permittee shall prepare, submit, and operate under an Episode Action Plan for reducing the levels of emissions during yellow alerts, red alerts, and emergencies, consistent with safe operating procedures and submitted to the IEPA for its review. The Episode Action Plan shall contain the information specified in 35 IAC 244.144. The Permittee shall immediately implement the appropriate steps described in this Episode Action Plan should an air pollution alert or emergency be declared. Any future Episode Action Plan made by the Permittee during the permit term is automatically incorporated by reference provided the Episode Action Plan is not expressly disapproved, in writing, by the IEPA within 30 days of receipt of the Episode Action Plan. In the event that the IEPA notifies the Permittee of a deficiency with any Episode Action Plan, the Permittee shall be required to revise and resubmit the Episode Action Plan within 30 days of receipt of notification to address the deficiency pursuant to Section 39.5(7)(a) of the Act.

d. Risk Management Plan (RMP)

Should this stationary source, as defined in 40 CFR 68.3, become subject to the federal regulations for Chemical Accident Prevention in 40 CFR Part 68, then the Permittee shall submit a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR 68.10(a); or submit a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan, as part of the annual compliance certification

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required by Condition 2.6(a). This condition is imposed in this permit pursuant to 40 CFR 68.215(a)(2)(i) and (ii).

3. Title I Requirements

As of the date of issuance of this permit, there are no source-wide Title I requirements that need to be included in this Condition.

4. Synthetic Minor Limits

As of the date of issuance of this permit, there are no source-wide synthetic minor limits that need to be included in this Condition.

5. Reporting Requirements

The Permittee shall submit the following information pursuant to Section 39.5(7)(f) of the Act. Addresses are included in Attachment 3.

a. Prompt Reporting

- i. A. Pursuant to Section 39.5(7)(f)(ii) of the Act, the Permittee shall promptly notify the IEPA, Air Compliance Section, within 30 days of deviations from applicable requirements as follows:
 - I. Requirements in Conditions 3.1(a)(i), 3.1(b), 3.1(c), 3.1(d), and 3.1(e).
 - II. Requirements in Condition 3.2(a)(i).
- B. All such deviations shall be summarized and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).
- ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Report required by Condition 3.5(b).
- iii. The deviation reports shall contain at a minimum the following information:
 - A. Date and time of the deviation.
 - B. Emission unit(s) and/or operation involved.
 - C. The duration of the event.
 - D. Probable cause of the deviation.
 - E. Corrective actions or preventative measures taken.
- iv. All deviation reports required in this Permit shall be identified, summarized, and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).

b. Semiannual Reporting

- i. Pursuant to Section 39.5(7)(f)(i) of the Act, the Permittee shall submit Semiannual Monitoring Reports to the IEPA, Air Compliance Section, summarizing required monitoring as part of the Compliance Methods in this Permit submitted every six months as follows, unless more frequent reporting is required in other parts of this permit.

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<u>Monitoring Period</u>	<u>Report Due Date</u>
January through June	July 31
July through December	January 31

- ii. The Semiannual Monitoring Report must be certified by a Responsible Official consistent with Condition 2.6(b).

c. Annual Emissions Reporting

Pursuant to 35 IAC Part 254, the Source shall submit an Annual Emission Report to the Air Quality Planning Section, due by May 1 of the year following the calendar year in which the emissions took place. All records and calculations upon which the verified and reported data are based must be retained by the source.

Section 4 - Emission Unit Requirements

4.1 Decorative Chrome Plating (Subject to 40 CFR Part 63, Subpart N)

1. Emission Units and Operations

<i>Emission Units</i>	<i>Pollutants Being Regulated</i>	<i>Original Construction Date</i>	<i>Modification/ Reconstruction Date</i>	<i>Air Pollution Control Devices or Measures</i>	<i>Monitoring Devices</i>
Decorative Chrome Plating Tank - Hand Line (HL1-2)	PM and HAP	1975	N/A	Fume Suppressant Wetting Agent	Stalagmometer or Tensiometer
Decorative Chrome Plating Line - Autoline (H2)	PM and HAP	2004	N/A	Fume Suppressant Wetting Agent	Stalagmometer or Tensiometer
Decorative Chrome Plating Tank - Hand Line (HL2-2)	PM and HAP	1987	N/A	Fume Suppressant Wetting Agent	Stalagmometer or Tensiometer

2. Applicable Requirements

For the emission units in Condition 4.1.1 above, the Permittee shall comply with the following applicable requirements pursuant to Sections 39.5(7)(a), 39.5(7)(b), and 39.5(7)(d) of the Act.

a. i. Opacity Requirements

A. Pursuant to 35 IAC 212.123, no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit.

ii. Compliance Method (Opacity Requirements)

Monitoring

A. Pursuant to Sections 39.5(7)(b) and (d) of the Act, at a minimum, the Permittee shall perform observations for opacity on the Decorative Chrome Plating lines in accordance with Method 22 for visible emissions at least once every calendar year. If visible emissions are observed, the Permittee shall take corrective action within 4 hours of such observation. Corrective action may include, but is not limited to, shut down of the Decorative Chrome Plating lines, maintenance and repair, and/or adjustment of fuel usage. If corrective action was taken, the Permittee shall perform a follow up observation for visible emissions in accordance with Method 22. If visible emissions continue, then measurements of opacity in accordance with Method 9 and Section 7.1 shall be conducted within 7 days in accordance with Condition 2.4.

Recordkeeping

B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep records for each opacity observation performed. These records shall include, at a minimum: date and time the observation was performed, name(s) of observing personnel, identification of which equipment was observed, whether or not the equipment was running properly, the findings of the observation including the presence of any visible emissions, and a description of any corrective action taken including if the corrective action took place within 4 hours of the observation.

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C. Pursuant to Section 39.5(7)(b) of the Act, if required, the Permittee shall keep records for all opacity measurements made in accordance with Method 9.

b. i. Particulate Matter Requirements (PM)

A. Pursuant to 35 IAC 212.321(a), no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in 35 IAC 212.321(c). (See Section 7.2)

ii. Compliance Method (PM Requirements)

Recordkeeping

A. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep the following records related to PM emissions from each emission unit:

- I. A file containing the method used by the Permittee to determine emissions of PM, with supporting documentation.
- II. The hours of operation for each emission unit, hr/mo and hr/yr.
- III. The emissions of PM from each emission unit, ton/mo and ton/yr (12 month rolling average, calculated on at least a monthly basis), with supporting calculations.

c. i. Operational and Production Requirements

A. I. Pursuant to 40 CFR 63.342(b)(1), the following requirements apply during tank operation, and during periods of startup and shutdown

- 1. Pursuant to 40 CFR 62.342(d), as the Permittee complies with 40 CFR Part 63, Subpart N, by the use of chemical fume suppressant containing a wetting agent, the Permittee shall control chromium emissions discharged to the atmosphere by not allowing the surface tension of the electroplating or anodizing bath contained within the tank to exceed 40 dynes/cm (2.8×10^{-3} lb/ft), as measured by a stalagmometer (33 dynes/cm, as measured by a tensiometer) at any time during tank operation.

II. Pursuant to 40 CFR 63.343(a), the Permittee shall comply with the emission limitations in 40 CFR 63.342 (e.g., Condition 4.1.2(c)(i)(A)(I)), above) no later than September 19, 2014.

Note: Prior to this date the surface tension shall not exceed 45 dynes/cm by stalagmometer, which is the surface tension limit established by 40 CFR 63 Subpart N that can be used for compliance demonstrations until September 19, 2014.

B. Pursuant to 40 CFR 63.342(f)(1), the Permittee is subject to the following:

- I. At all times, including periods of startup, shutdown, and malfunction, the Permittee shall operate and maintain the tanks and the associated monitoring equipment, in a manner consistent with good air pollution control practices.
- II. Malfunctions shall be corrected as soon as practicable after their occurrence.

III. Operation and maintenance requirements established pursuant to section 112 of the Act are enforceable independent of emissions limitations or other requirements in relevant standards.

C. I. Pursuant to 40 CFR 63.342(f)(3)(i), the Permittee shall operate and maintain the tanks in accordance with an operation and maintenance (O & M) plan. The O & M plan, submitted to the Agency on April 3, 2014, is hereby incorporated by reference into this Permit, and shall contain, at a minimum, the following:

1. The plan shall specify the operation and maintenance criteria for the affected source and the process and control system monitoring equipment, and shall include a standardized checklist to document the operation and maintenance of this equipment;
2. The plan shall incorporate the operation and maintenance practices for the monitoring equipment, as identified in 40 CFR 63.342, Table 1, which requires the Permittee to follow the manufactures recommendations for the stalagmometer and/or tensiometer;
3. The plan shall specify procedures to be followed to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions do not occur; and
4. The plan shall include a systematic procedure for identifying malfunctions of process equipment and process system monitoring equipment, and for implementing corrective actions to address such malfunctions; and
5. The plan shall include housekeeping procedures, as specified in 40 CFR 63.342, Table 2.

II. Pursuant to 40 CFR 63.342(f)(3)(ii), if the operation and maintenance plan fails to address or inadequately addresses an event that meets the characteristics of a malfunction at the time the plan is initially developed, the Permittee shall revise the operation and maintenance plan within 45 days after such an event occurs. The revised plan shall include procedures for operating and maintaining the process equipment or monitoring equipment during similar malfunction events, and a program for corrective action for such events.

ii. Compliance Method (Operational and Production Requirements)

Monitoring

A. Pursuant to 40 CFR 63.343(c)(5)(i), the Permittee shall monitor the surface tension of the electroplating bath. A measured surface tension of equal to or less than 40 dynes/cm, as measured by a stalagmometer, or 33 dynes/cm, as measured by a tensiometer, shall demonstrate compliance with the applicable emission limitation.

I. Pursuant to Section 39.5(7)(b) of the Act, the surface tension shall be monitored according to the following schedule:

1. The surface tension shall be measured once every 4 hours during operation of the tank with a stalagmometer or a tensiometer as specified in Method 306B, 40 CFR 63 Appendix A.

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2. The time between monitoring can be increased if there have been no exceedances. The surface tension shall be measured once every 4 hours of tank operation for the first 40 hours of tank operation after the compliance date. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 8 hours of tank operation. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 40 hours of tank operation on an ongoing basis, until an exceedance occurs. The minimum frequency of monitoring allowed is once every 40 hours of tank operation.

Note: Beginning September 14, 2014, the Permittee may continue the established monitoring schedule (as listed above) so long as there have been no exceedances, as described.

3. Once an exceedance occurs as indicated through surface tension monitoring, the original monitoring schedule of once every 4 hours must be resumed. A subsequent decrease in frequency shall follow the schedule laid out in Condition 4.1.2(c)(ii)(A)(I)(2), above.

- II. Pursuant to 40 CFR 63.343(c)(5)(iii), once a bath solution is drained from the affected tank and a new solution added, the original monitoring schedule of once every 4 hours must be resumed (Condition 4.1.2(c)(ii)(A)(I)(1)), with a decrease in monitoring frequency allowed following the procedures in Conditions 4.1.2(c)(ii)(A)(I)(2&3).

Testing

Note: This permit is issued based on the Permittee not having to conduct performance testing pursuant to 40 CFR 63.344, because the Permittee meets the criteria in 40 CFR 63.343(b)(2) (i.e., compliance is demonstrated by means of the surface tension of the source, use of a wetting agent, and surface tension monitoring in accordance with 40 CFR 63.343(c)(5)(ii)).

Recordkeeping

- B. Pursuant to 40 CFR 63.346(a), the Permittee shall fulfill all applicable recordkeeping requirements outlined in 40 CFR 63.346 and in the General Provisions to 40 CFR Part 63, according to the applicability of 40 CFR Part 63, Subpart A, as identified in 40 CFR Part 63, Subpart N, Table 1 (See Section 7.4).
- C. Pursuant to 40 CFR 63.346(b), the Permittee shall maintain the following records:
 - I. Inspection records for monitoring equipment, to document that the inspection and maintenance required by the work practice standards of 40 CFR 63.342(f) and Table 1 of 40 CFR 63.342 have taken place. The record can take the form of a checklist and should identify the device inspected, the date of inspection, a brief description of the working condition of the device during the inspection, and any actions taken to correct deficiencies found during the inspection.
 - II. Records of all maintenance performed on the affected source, and monitoring equipment, except routine housekeeping practices;

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- III. Records of the occurrence, duration, and cause (if known) of each malfunction of process, and monitoring equipment;
 - IV. Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.342(a)(1), including corrective actions to restore malfunctioning process and monitoring equipment to its normal or usual manner of operation;
 - V. Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the operation and maintenance plan required by 40 CFR 63.342(f)(3);
 - VI. Test reports documenting results of all performance tests, if performance test are conducted;
 - VII. Records of monitoring data required by 40 CFR 63.343(c) that are used to demonstrate compliance with the standard including the date and time the data are collected;
 - VIII. The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during malfunction of the process or monitoring equipment;
 - IX. The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during periods other than malfunction of the process, add-on air pollution control, or monitoring equipment;
 - X. The total process operating time of the affected source during the reporting period;
 - XI. Records of the date and time that fume suppressants are added to the electroplating bath and records of the fume suppressant manufacturer and product name;
 - XII. All documentation supporting the notifications and reports required by 40 CFR 63.9, 40 CFR 63.10, and 40 CFR 63.347.
- D. I. Pursuant to 40 CFR 63.342(f)(3)(iv), if actions taken by the Permittee during periods of malfunction are inconsistent with the procedures specified in the operation and maintenance plan required by 40 CFR 63.342(f)(3)(i), the Permittee shall record the actions taken for that event.
- II. Pursuant to 40 CFR 63.342(f)(3)(v), the Permittee shall keep the written operation and maintenance plan on record after it is developed to be made available for inspection, upon request, by the Administrator for the life of the affected source or until the source is no longer subject to the provisions of 40 CFR Part 63, Subpart N. In addition, if the operation and maintenance plan is revised, the Permittee shall keep previous (i.e., superseded) versions of the operation and maintenance plan on record to be made available for inspection, upon request, by the Administrator for a period of 5 years after each revision to the plan.

d. i. Work Practice Requirements

- A. Pursuant to 40 CFR 63.342(a)(1), at all times, the Permittee must operate and maintain the Decorative Chrome Plating lines, including any associated air pollution control equipment and monitoring equipment, in a manner

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consistent with safety and good air pollution control practices for minimizing emissions.

ii. Compliance Method (Work Practice Requirements)

The Periodic Monitoring required by 40 CFR Part 63, Subpart N, is sufficient to demonstrate compliance with the Work Practice Requirement for these units. Specifically, the requirement for the Permittee to operate and maintain the tanks in accordance with an operation and maintenance (O & M) plan, as required by Condition 4.1.2(c)(i)(C).

3. Non-Applicability Determinations

- a. Pursuant to 35 IAC 217.301(c), the Decorative Chrome Plating lines are not subject to 35 IAC 217.301, because the facility uses less than 100 Tons of nitric acid on an annual basis.
- i. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain a record of the nitric acid usage for the source, Tons/Mo and Tons/Yr.
- b. The Decorative Chrome Plating lines are not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because the Decorative Chrome Plating lines use a passive control measure, such as a seal or lid (e.g., fume suppressant wetting agent), that is not considered a control device because it acts to prevent the release of pollutants. The source is also subject to a NESHAP proposed after November 15, 1990, pursuant to 40 CFR 64.2(b)(1)(i).

4. Other Requirements

As of the date of issuance of this permit, there are no other requirements that need to be included in this Condition.

5. Reporting Requirements

The Permittee shall submit the following information pursuant to Section 39.5(7)(f) of the Act. Addresses are included in Attachment 3.

a. Prompt Reporting

- i. A. Pursuant to Section 39.5(7)(f)(ii) of the Act, the Permittee shall promptly notify the IEPA, Air Compliance Section, within 30 days of deviations from applicable requirements as follows unless a different period is specified by a particular permit provision, i.e., NSPS or NESHAP requirement:

- I. Requirements in Conditions 4.1.2(a)(i), 4.1.2(b)(i), 4.1.2(c)(i) and 4.1.2(d)(i).

Note: The requirements of Condition 4.1.2(c)(i), are covered by the reporting requirements of NESHAP N. (See Condition 4.1.5(b), below)

- B. All such deviations shall be summarized and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).
- ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Report required by Condition 3.5(b).
- iii. The deviation reports shall contain at a minimum the following information:
- A. Date and time of the deviation.

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- B. Emission unit(s) and/or operation involved.
- C. The duration of the event.
- D. Probable cause of the deviation.
- E. Corrective actions or preventative measures taken.

b. Federal Reporting (40 CFR 63, Subpart N Reporting)

- i. Pursuant to 40 CFR 63.342(f)(3)(iv), if actions taken by the Permittee during periods of malfunction are inconsistent with the procedures specified in the operation and maintenance plan required by 40 CFR 63.342(f)(3)(i), the Permittee shall report by phone such actions within 2 working days after commencing actions inconsistent with the plan. This report shall be followed by a letter within 7 working days after the end of the event, unless the Permittee makes alternative reporting arrangements, in advance, with the Illinois EPA.
- ii. Pursuant to 40 CFR 63.347(a), the Permittee shall fulfill all reporting requirements outlined in this section and in the General Provisions to 40 CFR Part 63, according to the applicability of subpart A as identified in 40 CFR Part 63, Subpart N, Table 1. (See Section 7.4) These reports shall be made to the Administrator at the appropriate address as identified in 40 CFR 63.13 or to the delegated State authority.
 - A. Reports required by 40 CFR Part 63, Subpart A and 40 CFR 63.347 may be sent by U.S. mail, fax, or by another courier.
 - 1. Submittals sent by U.S. mail shall be postmarked on or before the specified date.
 - 2. Submittals sent by other methods shall be received by the Administrator on or before the specified date.
 - B. If acceptable to both the Administrator and the Permittee, reports may be submitted on electronic media.
- iii. Pursuant to 40 CFR 63.347(e)(2), the Permittee shall submit to the Illinois EPA a notification of compliance status, signed by the responsible official (as defined in 40 CFR 63.2) who shall certify its accuracy, attesting to whether the affected source has complied with 40 CFR Part 63, Subpart N. The notification shall list the following:
 - A. The applicable emission limitation and the methods that were used to determine compliance with this limitation;
 - B. The surface tension measurements of each tank;
 - C. For each monitored parameter for which a compliant value is to be established under 40 CFR 63.343(c), the specific operating parameter value, or range of values, that corresponds to compliance with the applicable emission limit;
 - D. The methods that will be used to determine continuous compliance, including a description of monitoring and reporting requirements, if methods differ from those identified in 40 CFR Part 63, Subpart N;
 - E. A description of the air pollution control technique for each emission point;

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- F. A statement that the Permittee has completed and has on file the operation and maintenance plan as required by the work practice standards in 40 CFR 63.342(f);
 - G. A statement by the Permittee as to whether the source has complied with the provisions of 40 CFR Part 63, Subpart N.
- iv. Pursuant to 40 CFR 63.347(g)(1), the Permittee shall submit a summary report to the Illinois EPA to document the ongoing compliance status of the source. The report shall be submitted semiannually except when the monitoring data collected by the Permittee of the source in accordance with 40 CFR 63.343(c) show that the emission limit has been exceeded, in which case quarterly reports shall be submitted. Once a Permittee of a source reports an exceedance, ongoing compliance status reports shall be submitted quarterly until a request to reduce reporting frequency under 40 CFR 63.347(g)(2) is approved. The report, required by this Condition, shall contain the following information, as identified in 40 CFR 63.347(g)(3):
- A. The company name and address of the source;
 - B. An identification of the operating parameter that is monitored for compliance determination, as required by 40 CFR 63.343(c);
 - C. The relevant emission limitation for the source, and the operating parameter value, or range of values, that correspond to compliance with this emission limitation as specified in the notification of compliance status required by 40 CFR 347(e);
 - D. The beginning and ending dates of the reporting period;
 - E. A description of the type of process performed in the source;
 - F. The total operating time of the source during the reporting period;
 - G. A summary of operating parameter values, including the total duration of excess emissions during the reporting period as indicated by those values, the total duration of excess emissions expressed as a percent of the total source operating time during that reporting period, and a breakdown of the total duration of excess emissions during the reporting period into those that are due to process upsets, control equipment malfunctions, other known causes, and unknown causes;
 - H. A certification by a responsible official, as defined in 40 CFR 63.2, that the work practice standards in 40 CFR 63.342(f) were followed in accordance with the operation and maintenance plan for the source;
 - I. If the operation and maintenance plan required by 40 CFR 63.342(f)(3) was not followed, an explanation of the reasons for not following the provisions, an assessment of whether any excess emission and/or parameter monitoring exceedances are believed to have occurred, and a copy of the report(s) required by 40 CFR 63.342(f)(3)(iv) documenting that the operation and maintenance plan was not followed;
 - J. A description of any changes in monitoring, processes, or controls since the last reporting period;
 - K. The number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by the Permittee during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.342(a)(1), including actions taken to correct a malfunction.

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- L. The name, title, and signature of the responsible official who is certifying the accuracy of the report; and
- M. The date of the report.

4.2 Batch Vapor Degreasers

1. Emission Units and Operations

<i>Emission Units</i>	<i>Pollutants Being Regulated</i>	<i>Original Construction Date</i>	<i>Modification/ Reconstruction Date</i>	<i>Air Pollution Control Devices or Measures</i>	<i>Monitoring Devices</i>
Solvent Degreaser 1 (D-1)	VOM and HAP	1997	N/A	Greater than 1.21 sq. m solvent interface area, freeboard ratio of 1.0, freeboard refrigeration device*, superheated vapor*	None
Solvent Degreaser 2 (D-2)	VOM and HAP	1997	N/A	Greater than 1.21 sq. m solvent interface area, freeboard ratio of 1.0, freeboard refrigeration device*, superheated vapor*	None

Note: These control devices are required by 40 CFR Subpart T, when the Permittee uses Trichloroethylene as a solvent.

2. Applicable Requirements

For the emission units in Condition 4.2.1 above, the Permittee shall comply with the following applicable requirements pursuant to Sections 39.5(7)(a), 39.5(7)(b), and 39.5(7)(d) of the Act.

a. i. Volatile Organic Material Requirements (VOM)

- A. Pursuant to Construction Permit #97110054, emissions from the solvent cleaning machines (i.e., Solvent Degreasers 1 & 2) shall not exceed the following limit: [T1]

VOM Emissions
(Tons/Year)

45.9

ii. Compliance Method (VOM Requirements)

- A. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).

Recordkeeping

- B. Pursuant to 39.5(7)(b) of the Act, the Permittee shall maintain records of the monthly and annual organic material emissions from the solvent cleaning machines, tons/mo and ton/yr, with the supporting calculations.

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b. i. Operational and Production Requirements

A. The Permittee shall use only trichloroethylene or N-Propyl Bromide as solvent. [T1N]

Note: The additional applicable requirements when using Trichloroethylene are addressed in Condition 4.2.4.

ii. Compliance Method (Operational and Production Requirements)

Recordkeeping

A. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain a record of the type of solvent used in each degreaser on a monthly basis.

c. i. Work Practice Requirements

A. Pursuant to 35 IAC 218.183(a), no person shall operate an open top vapor degreaser unless:

I. The cover of the degreaser is closed when workloads are not being processed through the degreaser;

II. Solvent carryout emissions are minimized by:

1. Racking parts to allow complete drainage;

2. Moving parts in and out of the degreaser at less than 3.3 m/min (11 ft/min);

3. Holding the parts in the vapor zone until condensation ceases;

4. Tipping out any pools of solvent on the cleaned parts before removal from the vapor zone; and

5. Allowing parts to dry within the degreaser until visually dry.

III. Porous or absorbent materials, such as cloth, leather, wood, or rope are not degreased;

IV. Less than half of the degreaser's open top area is occupied with a workload;

V. The degreaser is not loaded to the point where the vapor level would drop more than 10 cm (4 in) when the workload is removed from the vapor zone;

VI. Spraying is done below the vapor level only;

VII. Solvent leaks are repaired immediately;

VIII. Waste solvent is stored in covered containers only and not disposed of in such a manner that more than 20% of the waste solvent (by weight) is allowed to evaporate into the atmosphere;

IX. Water is not visually detectable in solvent exiting from the water separator;

X. Exhaust ventilation exceeding 20 cubic meters per minute per square meter (65 cubic feet per minute per square foot) of degreaser open

area is not used, unless necessary to meet the requirements of the Occupational Safety and Health Act (29 U.S.C. Section 651 et seq.).

- B. Pursuant to 35 IAC 218.183(b), no person shall operate an open top vapor degreaser unless:
 - I. The degreaser is equipped with a cover designed to open and close easily without disturbing the vapor zone;
 - II. The degreaser is equipped with the following switches:
 - 1. One which shuts off the sump heat if the amount of condenser coolant is not sufficient to maintain the designed vapor level; and
 - 2. One which shuts off the spray pump if the vapor level drops more than 10 cm (4 in) below the bottom condenser coil; and
 - 3. One which shuts off the sump heat source when the vapor level exceeds the design level.
 - III. A permanent conspicuous label summarizing the operating procedure is affixed to the degreaser; and
 - IV. The degreaser is equipped with one of the following devices:
 - 1. A freeboard height of 3/4 of the inside width of the degreaser tank or 91 cm (36 in), whichever is less; and if the degreaser opening is greater than 1 square meter (10.8 square feet), a powered or mechanically assisted cover.
- C. Pursuant to Section 39.5(7)(a) of the Act, the Permittee shall maintain and operate the Degreasing System in a manner consistent with safety and good air pollution control practice for minimizing emissions.

ii. Compliance Method (Work Practice Requirements)

Monitoring

- A. Pursuant to 39.5(7)(a) of the Act, the Permittee shall perform monthly inspections of the Degreasing System and associated auxiliary equipment to ensure compliance with Conditions 4.2.2(c)(i)(A) & (B).

Testing

- B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall perform testing to determine the vapor pressure of the cleaning solvent, the exhaust ventilation rates, and the performance of any control devices if requested by the Illinois EPA. These results shall be determined according to the following methods:
 - I. Pursuant to 35 IAC 218.186(a), vapor pressures shall be determined by using the procedure specified in 35 IAC 218.110;
 - II. Pursuant to 35 IAC 218.186(b), exhaust ventilation rates shall be determined by using the procedures specified in 35 IAC 218.105(f)(3); and
 - III. Pursuant to 35 IAC 218.186(c), the performance of control devices shall be determined by using the procedures specified in 35 IAC 218.105(f).

- C. The Permittee shall determine the percent concentration of solvent in waste in accordance with USEPA Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW-846), Test Method 8260.

Recordkeeping

- D. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep records of each inspection performed along with a maintenance and repair log. These records shall include, at a minimum: date and time inspections were performed, name(s) of inspection personnel, identification of equipment being inspected, findings of the inspections, operation and maintenance procedures, and a description of all maintenance and repair activities performed including if the activity resulted in a modification or reconstruction of the piece of equipment.
- E. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of the testing results required by Condition 4.2.2(c)(ii)(B) & (C).

3. Non-Applicability Determinations

- a. If the source is using N-Propyl Bromide as the solvent in a degreaser, pursuant to 40 CFR 63.460, the degreaser is not subject to 40 CFR 63 Subpart T.

Note: If the source is using Trichloroethylene, the applicable requirements of 40 CFR 63 Subpart T, as listed in Condition 4.2.4, shall apply.

- b. The batch vapor degreasers are not subject to 35 IAC 212.321 or 212.322, due to the unique nature of such units, a process weight rate cannot be set so that such rules cannot reasonably be applied.
- c. Pursuant to 35 IAC 211.7150(a), the batch vapor degreasers are not subject to 35 IAC 218.301, because the batch vapor degreasers use solvent(s) (e.g., trichloroethylene), which is not considered as a photochemically reactive material.
- d. The batch vapor degreasers are not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because the batch vapor degreasers are subject to a NESHAP proposed after November 15, 1990, pursuant to 40 CFR 64.2(b)(1)(i).

4. Other Requirements

a. Operational Flexibility Requirements

Pursuant to Section 39.5(12) of the Act, the Permittee is permitted to use Trichloroethylene (TCE) as a solvent in the degreasers. If TCE is used in the degreasers, the following additional requirements (i.e., the requirements as listed in 4.2.2 will also apply during the use of TCE) shall apply:

- i. Pursuant to 40 CFR 63.460(a), when Trichloroethylene is used as a solvent in a degreaser, the source is subject to the applicable requirements of 40 CFR Part 63, Subpart T, "National Emission Standards for Halogenated Solvent Cleaning", including, but not limited to the following:
 - A. The Permittee shall follow the design requirements of 40 CFR 63.463(a).
 - B. Pursuant to 40 CFR 63.463(d)(1) through (d)(12), the Permittee shall meet all of the following required work and operational practices:
 - I. Control air disturbances across the cleaning machine opening(s) by incorporating the control equipment or techniques as follows:

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Section 4 - Emission Unit Requirements
4.2 - Batch Vapor Degreasers

1. Cover(s) to solvent cleaning machine shall be in place during the idling mode and during the downtime mode, unless either the solvent has been removed from the machine, or maintenance or monitoring is being performed that requires the cover(s) to not be in place; or
 - II. The parts baskets or the parts being cleaned in an open top batch vapor cleaning machine shall not occupy more than 50 percent of the solvent/air interface area unless the parts baskets or parts are introduced at a speed of 0.9 meters per minute (3 feet per minute) or less.
 - III. Any spraying operations shall be done within the vapor zone or within a section of the solvent cleaning machine that is not directly exposed to the ambient air (i.e., a baffled or enclosed area of the solvent cleaning machine).
 - IV. Parts shall be oriented so that the solvent drains from them freely. Parts having cavities or blind holes shall be tipped or rotated before being removed from any solvent cleaning machine unless an equally effective approach has been approved by the Illinois EPA.
 - V. Parts baskets or parts shall not be removed from any solvent-cleaning machine until dripping has stopped.
 - VI. During startup of each vapor cleaning machine, the primary condenser shall be turned on before the sump heater.
 - VII. During shutdown of each vapor cleaning machine, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off.
 - VIII. When solvent is added or drained from any solvent cleaning machine, the solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface.
 - IX. Each solvent cleaning machine and associated controls shall be maintained as recommended by the manufacturers of the equipment or using alternative maintenance practices that have been demonstrated to the Illinois EPA's satisfaction to achieve the same or better results as those recommended by the manufacturer.
 - X. Each operator of a solvent cleaning machine shall complete and pass the applicable sections of the test of solvent cleaning procedures in 40 CFR Part 63, Appendix A, if requested during an inspection by the Illinois EPA.
 - XI. Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers. The closed containers may contain a device that would allow pressure relief, but would not allow liquid solvent to drain from the container.
 - XII. Sponges, fabric, wood, and paper products shall not be cleaned.
- C. Pursuant to 40 CFR 63.463(e)(2)(vi), the Permittee shall comply with the following requirements for superheated vapor:
1. Ensure that the temperature of the solvent vapor at the center of the superheated vapor is at least 10°F above the solvent's boiling point.

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2. Ensure that the manufacturer's specifications for determining the minimum proper dwell time within the superheated vapor system are followed.
 3. Ensure that parts remain within the superheated vapor for at least the minimum proper dwell time.
- D. Pursuant to 40 CFR 63.463(e)(2)(i), for the freeboard refrigeration device(s), the Permittee shall ensure that the chilled air blanket temperature (in °F), measured at the center of the air blanket, is no greater than 30 percent of the solvent's boiling point.

ii. Compliance Method

Monitoring

- A. Pursuant to 40 CFR 63.466(a)(2), the Permittee shall conduct monitoring and record the results on a weekly basis for the following:
- I. For a superheated vapor system, the Permittee shall use a thermometer or thermocouple to measure the temperature at the center of the superheated vapor zone while the solvent cleaning machine is in the idling mode.
 - II. For a freeboard refrigeration device(s), the Permittee shall use a thermometer or thermocouple to measure the temperature at the center of the air blanket during the idling mode.
- B. Pursuant to 40 CFR 63.466(b)(1), the Permittee shall conduct monitoring and record the results on a monthly basis for the following:
- I. If a cover (working-mode, downtime-mode, and/or idling-mode cover) is used to comply, the owner or operator shall conduct a visual inspection to determine if the cover is opening and closing properly, completely covers the cleaning machine openings when closed, and is free of cracks, holes, and other defects.
- C. Pursuant to 40 CFR 63.466(c), the Permittee shall monitor the hoist speed as described below:
- I. The Permittee shall determine the hoist speed by measuring the time it takes for the hoist to travel a measured distance. The speed is equal to the distance in meters divided by the time in minutes (meters per minute).
 - II. The monitoring shall be conducted monthly. If after the first year, no exceedances of the hoist speed are measured, the owner or operator may begin monitoring the hoist speed quarterly.
 - III. If an exceedance of the hoist speed occurs during quarterly monitoring, the monitoring frequency returns to monthly until another year of compliance without an exceedance is demonstrated.
 - IV. If an owner or operator can demonstrate to the Illinois EPA's satisfaction in the initial compliance report that the hoist cannot exceed a speed of 3.4 meters per minute (11 feet per minute), the required monitoring frequency is quarterly, including during the first year of compliance.

Testing

- E. Each operator of a solvent cleaning machine shall complete and pass the applicable sections of the test of solvent cleaning operating procedures in appendix A of 40 CFR Part 63, Subpart T, if requested during an inspection by the Illinois EPA.

Recordkeeping

- F. Pursuant to 40 CFR 63.467(a), the Permittee shall maintain records in written or electronic form as specified below for the lifetime of the solvent cleaning machine:
- I. Owners manual, or if not available, written maintenance and operating procedures, for the solvent cleaning machine and control equipment. [40 CFR 63.467(a)(1)]
 - II. Date of installation for the cleaning machine and all of its control devices. If the exact date for installation is not known, a letter certifying that the cleaning machine and its control devices were installed prior to or on, November 29, 1993 or after November 29, 1993, may be substituted. [40 CFR 63.467(a)(2)]
 - III. Halogenated HAP solvent content for each solvent used. [40 CFR 63.467(a)(5)]
- G. Pursuant to 40 CFR 63.467(b), the Permittee shall maintain records as specified below either in electronic or written form for a period of 5 years:
- I. Freeboard ratio (certification from manufacturer that the freeboard height is greater than or equal to the width of the interior freeboard); any modifications to the freeboard ratio should also be recorded.
 - II. Information on the actions taken to comply with 40 CFR 63.463(e). This information shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels. This information shall also include the following:
 - 1. Temperature measurements of the freeboard refrigeration device(s) (weekly). [40 CFR 63.466(a)(1)]
 - 2. Temperature measurements of the superheated vapor (weekly). [40 CFR 63.466(a)(2)]
 - 3. Chemical analysis records used to determine percentage of cleaning solvent in still bottom waste.
 - 4. Monthly and annual solvent usage.
 - 5. Monthly and annual VOM emissions.
 - 6. Monthly Spent Solvent quantities.
 - 7. Monthly Still Bottom solvent quantities.

iii. Reporting

Federal Reporting

- A. Pursuant to 40 CFR 63.468(f), if trichloroethylene is used as a solvent in a degreaser, each owner or operator of a batch vapor or in-line solvent cleaning machine shall submit an annual report by February 1 of the year following the one for which the reporting is being made. This report shall include the following:
1. A signed statement from the facility owner or his designee stating that, "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required in 40 CFR 63.463(d)(10)."
 2. An estimate of solvent consumption for each solvent cleaning machine during the reporting period.
 3. The reports required under 40 CFR 63.468(f) can be combined into a single report for each facility.
- B. Pursuant to 40 CFR 63.468(h), if trichloroethylene is used as a solvent in a degreaser, each owner or operator of a batch vapor or in-line solvent cleaning machine shall submit an exceedance report to the Administrator semiannually except when, the Administrator determines on a case-by-case basis that more frequent reporting is necessary to accurately assess the compliance status of the source or, an exceedance occurs. Once an exceedance has occurred the owner or operator shall follow a quarterly reporting format until a request to reduce reporting frequency under paragraph 40 CFR 63.468(i) is approved. Exceedance reports shall be delivered or postmarked by the 30th day following the end of each calendar half or quarter, as appropriate. The exceedance report shall include the applicable information as follows:
1. Information on the actions taken to comply with 40 CFR 63.463 (e) and (f). This information shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.
 2. If an exceedance has occurred, the reason for the exceedance and a description of the actions taken.
 3. If no exceedances of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.

5. Reporting Requirements

The Permittee shall submit the following information pursuant to Section 39.5(7)(f) of the Act. Addresses are included in Attachment 3.

a. Prompt Reporting

- i. A. Pursuant to Section 39.5(7)(f)(ii) of the Act, the Permittee shall promptly notify the IEPA, Air Compliance Section, within 30 days of deviations from applicable requirements as follows unless a different period is specified by a particular permit provision, i.e., NSPS or NESHAP requirement:
 - I. Requirements in Conditions 4.2.2(a)(i), 4.2.2(b)(i), and 4.2.2(c)(i).

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- B. All such deviations shall be summarized and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).
- ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Report required by Condition 3.5(b).
- iii. The deviation reports shall contain at a minimum the following information:
 - A. Date and time of the deviation.
 - B. Emission unit(s) and/or operation involved.
 - C. The duration of the event.
 - D. Probable cause of the deviation.
 - E. Corrective actions or preventative measures taken.

4.3 Natural Gas-Fired Boiler

1. Emission Units and Operations

<i>Emission Units</i>	<i>Pollutants Being Regulated</i>	<i>Original Construction Date</i>	<i>Modification/ Reconstruction Date</i>	<i>Air Pollution Control Devices or Measures</i>	<i>Monitoring Devices</i>
Process Steam Boiler 1 (8.4 mmBtu/hr)	PM, NO _x , and CO	1995	N/A	None	None

2. Applicable Requirements

For the emission units in Condition 4.3.1 above, the Permittee shall comply with the following applicable requirements pursuant to Sections 39.5(7)(a), 39.5(7)(b), and 39.5(7)(d) of the Act.

a. i. Opacity Requirements

A. Pursuant to 35 IAC 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to 35 IAC 212.122, except as provided by 35 IAC 212.123(b).

ii. Compliance Method (Opacity Requirements)

Monitoring

A. Pursuant to Sections 39.5(7)(b) and (d) of the Act, at a minimum, the Permittee shall perform observations for opacity on the boiler in accordance with Method 22 for visible emissions at least once every calendar year. If visible emissions are observed, the Permittee shall take corrective action within 4 hours of such observation. Corrective action may include, but is not limited to, shut down of the boiler, maintenance and repair and/ or adjustment of fuel usage. If corrective action was taken the Permittee shall perform a follow-up observation for visible emissions in accordance with Method 22. If visible emissions continue, then measurements of opacity in accordance with Method 9 shall be conducted within 7 days in accordance with Condition 2.4.

Recordkeeping

B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep records for each observation for opacity conducted. These records shall include, at a minimum: date and time the observation was performed, name(s) of observing personnel, identification of which equipment was observed, whether or not the equipment was running properly, the findings of the observation including the presence of any visible emissions, and a description of any corrective action taken including if the corrective action took place within 4 hours of the observation.

C. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep records for all opacity measurements made in accordance with USEPA Method 9.

b. i. Particulate Matter Requirements (PM)

A. Pursuant to Permit #95030087, PM emissions from the boiler shall not exceed the following limits: [T1]

<u>(lb/hour)</u>	<u>(ton/year)</u>
0.11	0.46

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ii. Compliance Method (PM Requirements)

A. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month average).

Recordkeeping

B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of PM emissions from the boiler, including supporting calculations (pounds/hour and ton/year).

c. i. **Carbon Monoxide Requirements (CO)**

A. Pursuant to Permit #95030087, CO emissions from the boiler shall not exceed the following limits: [T1]

<u>(lb/hour)</u>	<u>(ton/year)</u>
0.18	0.79

ii. Compliance Method (CO Requirements)

A. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month average).

Recordkeeping

B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of CO emissions from the boiler, including supporting calculations (pounds/hour and ton/year).

d. i. **Nitrogen Oxide Requirements (NO_x)**

A. Pursuant to Permit #95030087, NO_x emissions from the boiler shall not exceed the following limits: [T1]

<u>(lb/hour)</u>	<u>(ton/year)</u>
0.84	3.68

ii. Compliance Method (CO Requirements)

A. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month average).

Recordkeeping

B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of NO_x emissions from the boiler, including supporting calculations (pounds/hour and ton/year).

e. i. **Work Practice Requirements**

A. For the purpose of 40 CFR Part 63, Subpart DDDDD, Process Steam Boiler No. 1 will meet the following definition, provided by 40 CFR 63.7575, of units designed to burn gas 1 fuels (e.g., natural gas) and be classified as such:

"Unit designed to burn gas 1 subcategory includes any boiler or process heater that burns only natural gas, refinery gas, and/or other gas 1 fuels. Gaseous fuel boilers and process heaters that burn liquid fuel for periodic testing of liquid fuel, maintenance, or operator training, not to exceed a combined total of 48 hours during any calendar year, are included in this definition. Gaseous fuel boilers and process heaters that burn liquid fuel during periods of gas curtailment or gas supply interruptions of any duration are also included in this definition."

- I. Pursuant to 40 CFR 63.7515(d) and 40 CFR Part 63, Subpart DDDDD, Table 3, beginning no later than January 31, 2016, the Permittee shall conduct a tune-up of the boiler biennially in accordance with 40 CFR 63.7540(a)(11), each biennial tune-up specified in 40 CFR 63.7540(a)(11) must be no more than 25 months after the previous tune-up. This tune-up shall consist of the following:
1. As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown). At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment;
 2. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;
 3. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown);
 4. Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NO_x requirement to which the unit is subject; and
 5. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.

ii. Compliance Method (Work Practice Requirements)

Recordkeeping

- A. Pursuant to 40 CFR 63.7540(a)(11) and (10)(vi), the Permittee shall maintain on-site and submit, if requested by the IEPA, an annual report containing the following information:
- I. The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler;
 - II. A description of any corrective actions taken as a part of the tune-up; and

- III. The type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel used by each unit.
- B. Pursuant to 40 CFR 63.7555(h), the Permittee shall maintain the following records:
- I. You must keep records of the total hours per calendar year that alternative fuel (e.g., fuel not meeting the definition of "gas 1") is burned and the total hours per calendar year that the unit operated during periods of gas curtailment or gas supply emergencies.
- C. Pursuant to 40 CFR 63.7555(i), the Permittee shall maintain records of the calendar date, time, occurrence and duration of each startup and shutdown.
- D. Pursuant to 40 CFR 63.7555(j), the Permittee shall maintain records of the type(s) and amount(s) of fuels used during each startup and shutdown.
- E. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep records of each inspection performed along with a maintenance and repair log. These records shall include, at a minimum: date and time inspections were performed, name(s) of inspection personnel, identification of equipment being inspected, findings of the inspections, operation and maintenance procedures, and a description of all maintenance and repair activities performed including if the activity resulted in a modification or reconstruction of the piece of equipment.

3. Non-Applicability Determinations

- a. Pursuant to 40 CFR 60.40c(a), the boiler is not subject to the New Source Performance Standards (NSPS) for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60, Subparts Dc, because the boiler has a maximum design heat input capacity less than 10 mmBtu/hr.
- b. The boiler is not subject to 35 IAC 214.301 because the boiler is not by definition a process emission unit.
- c. The boiler is not subject to 35 IAC 216.121, the CO emission standard, because the boiler has a maximum design heat input capacity less than 10 mmBtu/hr.
- d. The boiler is not subject to 35 IAC 217.150 because the boiler has a Potential-to-Emit (PTE) of NO_x which is less than 15 tons per year and less than 5 tons per ozone season.
- e. The boiler is not subject to 35 IAC 217.141, because the boiler does not have an actual heat input equal to or greater than 250 mmBtu/hr.
- f. The boiler is not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because the boiler does not use an add-on control device to achieve compliance with an emission limitation or standard.

4. Other Requirements

As of the date of issuance of this permit, there are no other requirements that need to be included in this Condition.

5. Reporting Requirements

The Permittee shall submit the following information pursuant to Section 39.5(7)(f) of the Act. Addresses are included in Attachment 3.

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a. Prompt Reporting

- i. A. Pursuant to Section 39.5(7)(f)(ii) of the Act, the Permittee shall promptly notify the IEPA, Air Compliance Section, within 30 days of deviations from applicable requirements as follows unless a different period is specified by a particular permit provision, i.e., NSPS or NESHAP requirement:
 - I. Requirements in Conditions 4.3.2(a)(i), 4.3.2(b)(i), 4.3.2(c)(i), 4.3.2(d)(i), and 4.3.2(e)(i).
- B. All such deviations shall be summarized and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).
- ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Report required by Condition 3.5(b).
- iii. The deviation reports shall contain at a minimum the following information:
 - A. Date and time of the deviation.
 - B. Emission unit(s) and/or operation involved.
 - C. The duration of the event.
 - D. Probable cause of the deviation.
 - E. Corrective actions or preventative measures taken.

Section 5 - Additional Title I Requirements

This Section is reserved for Title I requirements not specified in Sections 3 or 4. As of the date of issuance of this permit, there are no Title I requirements that need to be separately addressed in this Section.

Section 6 - Insignificant Activities Requirements

1. Insignificant Activities Subject to Specific Regulations

This condition is reserved for insignificant activities, as defined in 35 IAC 201.210 and 201.211, which are subject to specific standards promulgated pursuant Sections 111, 112, 165, or 173 of the Clean Air Act, see Sections 9.1(d) and 39.5(6)(a) of the Act. As of the date of issuance of this permit, there are no such insignificant activities present at the source.

2. Insignificant Activities in 35 IAC 201.210(a)

In addition to any insignificant activities identified in Condition 6.1, the following additional activities at the source constitute insignificant activities pursuant to 35 IAC 201.210 and 201.211:

<i>Insignificant Activity</i>	<i>Number of Units</i>	<i>Insignificant Activity Category</i>
Alkaline Cleaning Tanks	12	35 IAC 201.210(a) (2) or (a) (3)
Nickel Plating Tanks	16	35 IAC 201.210(a) (2) or (a) (3) and 35 IAC 201.211
Copper Plating Tanks	6	35 IAC 201.210(a) (2) or (a) (3) and 35 IAC 201.211
Acid Copper Plating Tanks	3	35 IAC 201.210(a) (2) or (a) (3)
Copper Cyanide Plating Tanks	2	35 IAC 201.210(a) (2) or (a) (3)
Electroless Copper Plating Tank	1	35 IAC 201.210(a) (2) or (a) (3)
Acid Pickle Tanks	4	35 IAC 201.211
Hot Water Heater	1	35 IAC 201.210(a) (2) or (a) (3)
Electric Batch Oven	1	35 IAC 201.211
Direct combustion units used for comfort heating and fuel combustion emission units as further detailed in 35 IAC 201.210(a) (4).	3	35 IAC 201.210(a) (4)
Any size storage tanks containing exclusively soaps, detergents, surfactants, waxes, glycerin, vegetable oils, greases, animal fats, sweetener, corn syrup, aqueous salt solutions, or aqueous caustic solutions where an organic solvent has not been mixed.	1	35 IAC 201.210(a) (17)

3. Insignificant Activities in 35 IAC 201.210(b)

Pursuant to 35 IAC 201.210, the source has identified insignificant activities as listed in 35 IAC 201.210(b) (1) through (29) as being present at the source. The source is not required to individually list the activities.

4. Applicable Requirements

Insignificant activities in Conditions 6.1 and 6.2 are subject to the following general regulatory limits notwithstanding status as insignificant activities. The Permittee shall comply with the following requirements, as applicable:

- a. Pursuant to 35 IAC 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to 35 IAC 212.122, except as provided in 35 IAC 212.123(b).
- b. Pursuant to 35 IAC 212.321 or 212.322 (see Conditions 7.2(a) and (b)), no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units at a source

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or premises, exceed the allowable emission rates specified 35 IAC 212.321 or 212.322 and 35 IAC Part 266.

- c. Pursuant to 35 IAC 218.301, no person shall cause or allow the discharge of more than 8 lbs/hr of organic material into the atmosphere from any emission source, except as provided in 35 IAC 218.302, 218.303, and 218.304.

5. Compliance Method

Pursuant to Section 39.5(7)(b) of the Act, the source shall maintain records of the following items for the insignificant activities in Conditions 6.1 and 6.2:

- a. List of all insignificant activities, including insignificant activities added as specified in Condition 6.6, the categories the insignificant activities fall under, and supporting calculations as needed for any insignificant activities listed in 35 IAC 201.210(a)(1) through (3).
- b. Potential to emit emission calculations before any air pollution control device for any insignificant activities listed in 35 IAC 201.210(a)(1) through (3).

6. Notification Requirements for Insignificant Activities

The source shall notify the IEPA accordingly to the addition of insignificant activities:

a. Notification 7 Days in Advance

- i. Pursuant to 35 IAC 201.212(b), for the addition of an insignificant activity that would be categorized under 35 IAC 201.210(a)(1) and 201.211 and is not currently identified in Conditions 6.1 or 6.2, a notification to the IEPA Permit Section 7 days in advance of the addition of the insignificant activity is required. Addresses are included in Attachment 3. The notification shall include the following pursuant to 35 IAC 201.211(b):
 - A. A description of the emission unit including the function and expected operating schedule of the unit.
 - B. A description of any air pollution control equipment or control measures associated with the emission unit.
 - C. The emissions of regulated air pollutants in lb/hr and ton/yr.
 - D. The means by which emissions were determined or estimated.
 - E. The estimated number of such emission units at the source.
 - F. Other information upon which the applicant relies to support treatment of such emission unit as an insignificant activity.
- ii. Pursuant to 35 IAC 201.212(b), for the addition of an insignificant activity that would be categorized under 35 IAC 201.210(a)(2) through 201.210(a)(18) and is not currently identified in Conditions 6.1 or 6.2, a notification to the IEPA Permit Section 7 days in advance of the addition of the insignificant activity is required. Addresses are included in Attachment 3.
- iii. Pursuant to Sections 39.5(12)(a)(i)(b) and 39.5(12)(b)(iii) of the Act, the permit shield described in Section 39.5(7)(j) of the Act (see Condition 2.7) shall not apply to any addition of an insignificant activity noted above.

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b. Notification Required at Renewal

Pursuant to 35 IAC 201.212(a) and 35 IAC 201.146(kkk), for the addition of an insignificant activity that would be categorized under 35 IAC 201.210(a) and is currently identified in Conditions 6.1 or 6.2, a notification is not required until the renewal of this permit.

c. Notification Not Required

Pursuant to 35 IAC 201.212(c) and 35 IAC 201.146(kkk), for the addition of an insignificant activity that would be categorized under 35 IAC 201.210(b) as describe in Condition 6.3, a notification is not required.

Section 7 - Other Requirements

1. Testing

- a. Pursuant to Section 39.5(7)(a) of the Act, a written test protocol shall be submitted at least sixty (60) days prior to the actual date of testing, unless it is required otherwise in applicable state or federal statutes. The IEPA may at the discretion of the Compliance Section Manager (or designee) accept protocol less than 60 days prior to testing provided it does not interfere with the IEPA's ability to review and comment on the protocol and does not deviate from the applicable state or federal statutes. The protocol shall be submitted to the IEPA, Compliance Section and IEPA, Stack Test Specialist for its review. Addresses are included in Attachment 3. This protocol shall describe the specific procedures for testing, including as a minimum:
 - i. The name and identification of the emission unit(s) being tested.
 - ii. Purpose of the test, i.e., permit condition requirement, IEPA or USEPA requesting test.
 - iii. The person(s) who will be performing sampling and analysis and their experience with similar tests.
 - iv. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and the means by which the operating parameters for the emission unit and any control equipment will be determined.
 - v. The specific determinations of emissions and operation which are intended to be made, including sampling and monitoring locations.
 - vi. The test method(s) that will be used, with the specific analysis method, if the method can be used with different analysis methods. Include if emission tests averaging of 35 IAC 283 will be used.
 - vii. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with detailed justification. This shall be included as a waiver of the test procedures. If a waiver has already been obtained by the IEPA or USEPA, then the waiver shall be submitted.
 - viii. Any proposed use of an alternative test method, with detailed justification. This shall be included as a waiver of the test procedures. If a waiver has already been obtained by the IEPA or USEPA, then the waiver shall be submitted.
 - ix. Sampling of materials, QA/QC procedures, inspections, etc.
- b. The IEPA, Compliance Section shall be notified prior to these tests to enable the IEPA to observe these tests pursuant to Section 39.5(7)(a) of the Act as follows:
 - i. Notification of the expected date of testing shall be submitted in writing a minimum of thirty (30) days prior to the expected test date, unless it is required otherwise in applicable state or federal statutes.
 - ii. Notification of the actual date and expected time of testing shall be submitted in writing a minimum of five (5) working days prior to the actual date of the test. The IEPA may at its discretion of the Compliance Section Manager (or designee) accept notifications with shorter advance notice provided such notifications will not interfere with the IEPA's ability to observe testing.
- c. Copies of the Final Report(s) for these tests shall be submitted to the IEPA, Compliance Section within fourteen (14) days after the test results are compiled and finalized but

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no later than ninety (90) days after completion of the test, unless it is required otherwise in applicable state or federal statutes or the IEPA may at the discretion of the Compliance Section Manager (or designee) an alternative date is agreed upon in advance pursuant to Section 39.5(7)(a) of the Act. The Final Report shall include as a minimum:

- i. General information including emission unit(s) tested.
 - ii. A summary of results.
 - iii. Discussion of conditions during each test run (malfunction/breakdown, startup/shutdown, abnormal processing, etc.).
 - iv. Description of test method(s), including description of sampling points, sampling train, analysis equipment, and test schedule.
 - v. Detailed description of test conditions, including:
 - A. Process information, i.e., mode(s) of operation, process rate, e.g. fuel or raw material consumption.
 - B. Control equipment information, i.e., equipment condition and operating parameters during testing.
 - C. A discussion of any preparatory actions taken, i.e., inspections, maintenance and repair.
 - vi. Data and calculations, including copies of all raw data sheets and records of laboratory analyses, sample calculations, and data on equipment calibration.
 - vii. An explanation of any discrepancies among individual tests or anomalous data.
 - viii. Results of the sampling of materials, QA/QC procedures, inspections, etc.
 - ix. Discussion of whether protocol was followed and description of any changes to the protocol if any occurred.
 - x. Demonstration of compliance showing whether test results are in compliance with applicable state or federal statutes.
- d. Copies of all test reports and other test related documentation shall be kept on site as required by Condition 2.5(b) pursuant to Section 39.5(7)(e)(ii) of the Act.

2. PM Process Weight Rate Requirements

a. New Process Emission Units - 35 IAC 212.321

New Process Emission Units For Which Construction or Modification Commenced On or After April 14, 1972. [35 IAC 212.321]

- i. No person shall cause or allow the emission of PM into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of PM from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in 35 IAC 212.321(c). See Condition 7.2(a)(iii) below. [35 IAC 212.321(a)]
- ii. Interpolated and extrapolated values of the data in 35 IAC 212.321(c) shall be determined by using the equation: [35 IAC 212.321(b)]

$$E = A(P)^B$$

Where:

P = Process weight rate (T/hr)
E = Allowable emission rate (lbs/hr)

A. Process weight rates of less than 450 T/hr:

A = 2.54
B = 0.534

B. Process weight rates greater than or equal to 450 T/hr:

A = 24.8
B = 0.16

iii. Limits for New Process Emission Units: [35 IAC 212.321(c)]

<u>P</u> <u>(T/hr)</u>	<u>E</u> <u>(lbs/hr)</u>	<u>P</u> <u>(T/hr)</u>	<u>E</u> <u>(lbs/hr)</u>
0.05	0.55	25.00	14.00
0.10	0.77	30.00	15.60
0.20	1.10	35.00	17.00
0.30	1.35	40.00	18.20
0.40	1.58	45.00	19.20
0.50	1.75	50.00	20.50
0.75	2.40	100.00	29.50
1.00	2.60	150.00	37.00
2.00	3.70	200.00	43.00
3.00	4.60	250.00	48.50
4.00	5.35	300.00	53.00
5.00	6.00	350.00	58.00
10.00	8.70	400.00	62.00
15.00	10.80	450.00	66.00
20.00	12.50	500.00	67.00

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b. Existing Process Emission Units - 35 IAC 212.322

Existing Process Emission Units For Which Construction or Modification Commenced Prior to April 14, 1972. [35 IAC 212.322]

- i. No person shall cause or allow the emission of PM into the atmosphere in any one hour period from any process emission unit for which construction or modification commenced prior to April 14, 1972, which, either alone or in combination with the emission of PM from all other similar process emission units at a source or premises, exceeds the allowable emission rates specified in 35 IAC 212.322(c)). See Condition 7.2(b)(iii) below. [35 IAC 212.322(a)]
- ii. Interpolated and extrapolated values of the data in 35 IAC 212.322(c) shall be determined by using the equation: [35 IAC 212.322(b)]

$$E = C + A(P)^{B^{10}}$$

Where:

P = Process weight rate (T/hr)
E = Allowable emission rate (lbs/hr)

A. Process weight rates of less than 30 T/hr:

A = 4.10
B = 0.67
C = 0

B. Process weight rates greater than or equal to 30 T/hr:

A = 55.0
B = 0.11
C = -40.0

iii. Limits for Existing Process Emission Units: [35 IAC 212.322(c)]

<u>P</u> (T/hr)	<u>E</u> (lbs/hr)	<u>P</u> (T/hr)	<u>E</u> (lbs/hr)
0.05	0.55	25.00	35.40
0.10	0.87	30.00	40.00
0.2	1.40	35.00	41.30
0.30	1.83	40.00	42.50
0.40	2.22	45.00	43.60
0.50	2.58	50.00	44.60
0.75	3.38	100.00	51.20
1.00	4.10	150.00	55.40
2.00	6.52	200.00	58.60
3.00	8.56	250.00	61.00
4.00	10.40	300.00	63.10
5.00	12.00	350.00	64.90
10.00	19.20	400.00	66.20
15.00	25.20	450.00	67.70
20.00	30.50	500.00	69.00

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3. Emissions Reduction Market System (ERMS) Requirements

- a. Pursuant to 35 IAC Part 205, this source is considered a "participating source" for purposes of the ERMS.
- b. Obligation to Hold Allotment Trading Units (ATUs)
- i. Pursuant to 35 IAC 205.150(c)(1) and 35 IAC 205.720, and as further addressed by Condition 7.3(g), as of December 31 of each year, this source shall hold ATUs in its account in an amount not less than the ATU equivalent of its VOM emissions during the preceding seasonal allotment period (May 1 - September 30), not including VOM emissions from the following, or the source shall be subject to "emissions excursion compensation," as described in Condition 7.3(d):
- A. VOM emissions from insignificant emission units and activities as identified in Section 6 of this permit, in accordance with 35 IAC 205.220.
- B. Excess VOM emissions associated with startup, malfunction, or breakdown of an emission unit as authorized in Section 4 of this permit, in accordance with 35 IAC 205.225.
- C. Excess VOM emissions to the extent allowed by a Variance, Consent Order, or Compliance Schedule, in accordance with 35 IAC 205.320(e)(3).
- D. Excess VOM emissions that are a consequence of an emergency as approved by the IEPA, pursuant to 35 IAC 205.750.
- E. VOM emissions from certain new and modified emission units as addressed by Condition 7.3(g)(ii), if applicable, in accordance with 35 IAC 205.320(f).
- ii. In accordance with 35 IAC 205.150(c)(2), notwithstanding the Condition 7.3(b)(i) above, if a source commences operation of a major modification, pursuant to 35 IAC Part 203, the source shall hold ATUs in an amount not less than 1.3 times its seasonal VOM emissions attributable to such major modification during the seasonal allotment period, determined in accordance with the construction permit for such major modification or applicable provisions in Section 4 of this permit.
- c. Market Transactions
- i. As specified in 35 IAC 205.610(a), the source shall apply to the IEPA for and obtain authorization for a Transaction Account prior to conducting any market transactions.
- ii. Pursuant to 35 IAC 205.610(b), the Permittee shall promptly submit to the IEPA any revisions to the information submitted for its Transaction Account.
- iii. Pursuant to 35 IAC 205.620(a), the source shall have at least one account officer designated for its Transaction Account.
- iv. Any transfer of ATUs to or from the source from another source or general participant must be authorized by a qualified Account Officer designated by the source and approved by the IEPA, in accordance with 35 IAC 205.620, and the transfer must be submitted to the IEPA for entry into the Transaction Account database.
- d. Emissions Excursion Compensation
- Pursuant to 35 IAC 205.720, if the source fails to hold ATUs in accordance with Condition 7.3(b), it shall provide emissions excursion compensation in accordance with the following:

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- i. Upon receipt of an Excursion Compensation Notice issued by the IEPA, the source shall purchase ATUs from the ACMA in the amount specified by the notice, as follows:
 - A. The purchase of ATUs shall be in an amount equivalent to 1.2 times the emissions excursion; or
 - B. If the source had an emissions excursion for the seasonal allotment period immediately before the period for the present emissions excursion, the source shall purchase ATUs in an amount equivalent to 1.5 times the emissions excursion.
- ii. If requested in accordance with paragraph 7.3(d)(iii) below or in the event that the ACMA balance is not adequate to cover the total emissions excursion amount, the IEPA will deduct ATUs equivalent to the specified amount or any remaining portion thereof from the ATUs to be issued to the source for the next seasonal allotment period.
- iii. Pursuant to 35 IAC 205.720(c), within 15 days after receipt of an Excursion Compensation Notice, the Owner or Operator may request that ATUs equivalent to the amount specified be deducted from the source's next seasonal allotment by the IEPA, rather than purchased from the ACMA.

e. Quantification of Seasonal VOM Emissions

- i. Pursuant to 35 IAC 205.315(b), the methods and procedures specified in Sections 3 and 4 of this permit for determining VOM emissions and compliance with VOM emission limitations shall be used for determining seasonal VOM emissions for purposes of the ERMS, with the following exceptions:

No exceptions

- ii. In accordance with 35 IAC 205.750, the Permittee shall report emergency conditions at the source to the IEPA if the Permittee intends to deduct VOM emissions in excess of the technology-based emission rates normally achieved that are attributable to the emergency from the source's seasonal VOM emissions for purposes of the ERMS. These reports shall include the information specified by 35 IAC 205.750(a), and shall be submitted in accordance with the following:
 - A. An initial emergency conditions report within two days after the time when such excess emissions occurred due to the emergency.
 - B. A final emergency conditions report, if needed to supplement the initial report, within 10 days after the conclusion of the emergency.

f. Annual Account Reporting

- i. Pursuant to 35 IAC 205.300, for each year in which the source is operational, the Permittee shall submit, as a component of its Annual Emissions Report, seasonal VOM emissions information to the IEPA for the seasonal allotment period. This report shall include the following information:
 - A. Actual seasonal emissions of VOM from the source.
 - B. A description of the methods and practices used to determine VOM emissions, as required by this permit, including any supporting documentation and calculations.
 - C. A detailed description of any monitoring methods that differ from the methods specified in this permit, as provided in 35 IAC 205.337.

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- D. If a source has experienced an emergency, as provided in 35 IAC 205.750, the report shall reference the associated emergency conditions report that has been approved by the IEPA.
- E. If a source's baseline emissions have been adjusted due to a Variance, Consent Order, or CAAPP permit Compliance Schedule, as provided for in 35 IAC 205.320(e)(3), the report shall provide documentation quantifying the excess VOM emissions during the season that were allowed by the Variance, Consent Order, or Compliance Schedule, in accordance with 35 IAC 205.320(e)(3).
- F. If a source is operating a new or modified emission unit for which three years of operational data is not yet available, as specified in 35 IAC 205.320(f), the report shall specify seasonal VOM emissions attributable to the new emission unit or the modification of the emission unit.
- ii. This report shall be submitted by October 31 of each year, for the preceding seasonal allotment period.
- g. Allotment of ATUs to the Source
 - i. A. The allotment of ATUs to this source is 243 ATUs per seasonal allotment period.
 - B. This allotment of ATUs reflects the IEPA's determination that the source's baseline emissions were 24.43 tons per season.
 - I. This determination includes the use of 1995 and 1996 as baseline seasons.
 - C. The source's allotment reflects 88% of the baseline emissions (12% reduction), except for the VOM emissions from specific emission units excluded from such reduction, pursuant to 35 IAC 205.405, including units complying with MACT or using BAT, as identified in Condition 7.3(i) of this permit.
 - D. ATUs will be issued to the source's Transaction Account by the IEPA annually. These ATUs will be valid for the seasonal allotment period following issuance and, if not retired in this season, the next seasonal allotment period.
 - ii. Contingent Allotments for New or Modified Emission Units
None
 - iii. Notwithstanding the above, part or all of the above ATUs will not be issued to the source in circumstances as set forth in 35 IAC Part 205, including:
 - A. Transfer of ATUs by the source to another participant or the ACMA, in accordance with 35 IAC 205.630.
 - B. Deduction of ATUs as a consequence of emissions excursion compensation, in accordance with 35 IAC 205.720.
 - C. Transfer of ATUs to the ACMA, as a consequence of shutdown of the source, in accordance with 35 IAC 205.410.
- h. Recordkeeping for ERMS

Pursuant to 35 IAC 205.700(a), the Permittee shall maintain copies of the following documents as its Compliance Master File for purposes of the ERMS:

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- i. Seasonal component of the Annual Emissions Report.
- ii. Information on actual VOM emissions, as specified in detail in Sections 3 and 4 of this permit and Condition 7.3(e)(i).
- iii. Any transfer agreements for the purchase or sale of ATUs and other documentation associated with the transfer of ATUs.

i. Exclusions from Further Reductions

- i. A. Pursuant to 35 IAC 205.405(a), VOM emissions from the following emission units shall be excluded from the VOM emissions reductions requirements specified in 35 IAC 205.400(c) and (e) as long as such emission units continue to satisfy the following:
 - I. Emission units that comply with any NESHAP or MACT standard promulgated pursuant to the CAA.
 - II. Direct combustion emission units designed and used for comfort heating purposes, fuel combustion emission units, and internal combustion engines.
 - III. An emission unit for which a LAER demonstration has been approved by the IEPA on or after November 15, 1990.
- B. Pursuant to 35 IAC 205.405(a) and (c), the source has demonstrated in its ERMS application and the IEPA has determined that the following emission units qualify for exclusion from further reductions because they meet the criteria as indicated above:
 - 2 Solvent Degreasers
 - Boilers
 - Air Make-Up Units
- ii. A. Pursuant to 35 IAC 205.405(b), VOM emissions from emission units using BAT for controlling VOM emissions shall not be subject to the VOM emissions reductions requirement specified in 35 IAC 205.400(c) or (e) as long as such emission unit continues to use such BAT.
- B. Pursuant to 35 IAC 205.405(b) and (c), the source has demonstrated in its ERMS application and the IEPA has determined that the following emission units qualify for exclusion from further reductions because these emission units use BAT for controlling VOM emissions as indicated above:
 - None

4. 40 CFR 63 Subpart A Requirements (NESHAP)

a. 40 CFR 63 Subpart A and Subpart N - NESHAP for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks

Pursuant to 40 CFR 63 Subpart A and Subpart N, the Permittee shall comply with the following applicable General Provisions as indicated:

<i>General Provision Citation</i>	<i>General Provision Applicable?</i>	<i>Subject of Citation</i>	<i>Explanation (if required)</i>
40 CFR 63.1(a)(1)	Yes	General Applicability of the General Provisions	Additional terms defined in 40 CFR 63.341; when overlap between subparts A and N occurs, subpart N takes precedence.
40 CFR 63.1(a)(2)	Yes	General Applicability of the General Provisions	
40 CFR 63.1(a)(3)	Yes	General Applicability of the General Provisions	
40 CFR 63.1(a)(4)	Yes	General Applicability of the General Provisions	Subpart N clarifies the applicability of each paragraph in Subpart A to sources subject to Subpart N.
40 CFR 63.1(a)(5)	No	General Applicability of the General Provisions	[Reserved]
40 CFR 63.1(a)(6)	Yes	General Applicability of the General Provisions	
40 CFR 63.1(a)(7)-(9)	No	General Applicability of the General Provisions	[Reserved]
40 CFR 63.1(a)(10)	Yes	General Applicability of the General Provisions	
40 CFR 63.1(a)(11)	Yes	General Applicability of the General Provisions	40 CFR 63.347(a) of Subpart N also allows report submissions via fax and on electronic media.
40 CFR 63.1(a)(12)	Yes	General Applicability of the General Provisions	
40 CFR 63.1(b)(1)	No	General Applicability of the General Provisions	40 CFR 63.340 of Subpart N specifies applicability.
40 CFR 63.1(b)(2)	No	General Applicability of the General Provisions	[Reserved]
40 CFR 63.1(b)(3)	No	General Applicability of the General Provisions	This provision in Subpart A is being deleted. Also, all affected area and major sources are subject to Subpart N; there are no exemptions.
40 CFR 63.1(c)(1)	Yes	General Applicability of the General Provisions	Subpart N clarifies the applicability of each paragraph in Subpart A to sources subject to Subpart N.
40 CFR 63.1(c)(2)	Yes	General Applicability of the General Provisions	40 CFR 63.340(e) of Subpart N exempts area sources from the obligation to obtain Title V operating permits.
40 CFR 63.1(c)(3)-(4)	No	General Applicability of the General Provisions	[Reserved]
40 CFR 63.1(c)(5)	No	General Applicability of the General Provisions	Subpart N clarifies that an area source that becomes a major source is subject to the requirements for major sources.
40 CFR 63.1(e)	Yes	General Applicability of the General Provisions	Additional terms defined in 40 CFR 63.341; when overlap between Subparts A and N occurs, Subpart N takes precedence.

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Section 7 - Other Requirements
7.4 - 40 CFR 63 Subpart A
Requirements (NESHAP)

<i>General Provision Citation</i>	<i>General Provision Applicable?</i>	<i>Subject of Citation</i>	<i>Explanation (if required)</i>
40 CFR 63.2	Yes	Definitions	
40 CFR 63.3	Yes	Units and Abbreviations	
40 CFR 63.4(a)(1)	Yes	Prohibited Activities and Circumvention	
40 CFR 63.4(a)(3)	No	Prohibited Activities and Circumvention	[Reserved]
40 CFR 63.4(b)	Yes	Prohibited Activities and Circumvention	
40 CFR 63.5(a)	Yes	Preconstruction Review and Notification Requirements	Except replace the term "source" and "stationary source" in 40 CFR 63.5(a)(1) and (2) of subpart A with "affected sources".
40 CFR 63.5(b)(1)	Yes	Preconstruction Review and Notification Requirements	
40 CFR 63.5(b)(2)	No	Preconstruction Review and Notification Requirements	[Reserved]
40 CFR 63.5(b)(3)	Yes	Preconstruction Review and Notification Requirements	Applies only to major affected sources.
40 CFR 63.5(b)(4)	No	Preconstruction Review and Notification Requirements	Subpart N (40 CFR 63.345) specifies requirements for the notification of construction or reconstruction for affected sources that are not major.
40 CFR 63.5(b)(5)	No	Preconstruction Review and Notification Requirements	[Reserved]
40 CFR 63.5(b)(6)	Yes	Preconstruction Review and Notification Requirements	
40 CFR 63.5(c)	No	Preconstruction Review and Notification Requirements	[Reserved]
40 CFR 63.5(d)(1)(i)	No	Preconstruction Review and Notification Requirements	40 CFR 63.345(c)(5) of Subpart N specifies when the application or notification shall be submitted.
40 CFR 63.5(d)(1)(ii)	Yes	Preconstruction Review and Notification Requirements	Applies to major affected sources that are new or reconstructed.
40 CFR 63.5(d)(1)(iii)	Yes	Preconstruction Review and Notification Requirements	Except information should be submitted with the Notification of Compliance Status required by 40 CFR 63.347(e) of Subpart N.
40 CFR 63.5(d)(2)	Yes	Preconstruction Review and Notification Requirements	Applies to major affected sources that are new or reconstructed except: (1) replace "source" in 40 CFR 63.5(d)(2) of Subpart A with "affected source"; and (2) actual control efficiencies are submitted with the Notification of Compliance Status required by 40 CFR 63.347(e).
40 CFR 63.5(d)(3)-(4)	Yes	Preconstruction Review and Notification Requirements	Applies to major affected sources that are new or reconstructed.
40 CFR 63.5(e)	Yes	Preconstruction Review and Notification Requirements	Applies to major affected sources that are new or reconstructed.
40 CFR 63.5(f)(1)	Yes	Preconstruction Review and Notification Requirements	Except replace "source" in 40 CFR 63.5(f)(1) of Subpart A with "affected source."

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<i>General Provision Citation</i>	<i>General Provision Applicable?</i>	<i>Subject of Citation</i>	<i>Explanation (if required)</i>
40 CFR 63.5(f)(2)	No	Preconstruction Review and Notification Requirements	New or reconstructed affected sources shall submit the request for approval of construction or reconstruction under 40 CFR 63.5(f) of Subpart A by the deadline specified in 40 CFR 63.345(c)(5) of Subpart N.
40 CFR 63.6(a)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(b)(1)-(2)	Yes	Compliance with Standards and Maintenance Requirements	Except replace "source" in 40 CFR 63.6(b)(1)-(2) of Part A with "affected source".
40 CFR 63.6(b)(3)-(4)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(b)(5)	Yes	Compliance with Standards and Maintenance Requirements	Except replace "source" in 40 CFR 63.6(b)(5) of Subpart A with "affected source".
40 CFR 63.6(b)(7)	No	Compliance with Standards and Maintenance Requirements	Provisions for new area sources that become major sources are contained in 40 CFR 63.343(a)(4) of Subpart N.
40 CFR 63.6(c)(1)-(2)	Yes	Compliance with Standards and Maintenance Requirements	Except replace "source" in 40 CFR 63.6(c)(1)-(2) of Subpart A with "affected source".
40 CFR 63.6(c)(3)-(4)	No	Compliance with Standards and Maintenance Requirements	[Reserved]
40 CFR 63.6(c)(5)	No	Compliance with Standards and Maintenance Requirements	Compliance provisions for existing area sources that become major sources are contained in 40 CFR 63.343(a)(3) of Subpart N.
40 CFR 63.6(d)	No	Compliance with Standards and Maintenance Requirements	[Reserved]
40 CFR 63.6(e)(1)-(3)	No	Compliance with Standards and Maintenance Requirements	40 CFR 63.342(f) of Subpart N contains work practice standards (operation and maintenance requirements) that override these provisions.
40 CFR 63.6(f)(1)	No	Compliance with Standards and Maintenance Requirements	40 CFR 63.342(b) of Subpart N specifies when the standards apply.
40 CFR 63.6(f)(2)(i)-(ii)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(f)(2)(iii)	No	Compliance with Standards and Maintenance Requirements	40 CFR 63.344(b) of Subpart N specifies instances in which previous performance test results for existing sources are acceptable.
40 CFR 63.6(f)(2)(iv)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(f)(2)(v)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(f)(3)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(g)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(h)(1)	No	Compliance with Standards and Maintenance Requirements	SSM Exception
40 CFR 63.6(h)(2)	No	Compliance with Standards and Maintenance Requirements	Subpart N does not contain any opacity or visible emission standards.

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<i>General Provision Citation</i>	<i>General Provision Applicable?</i>	<i>Subject of Citation</i>	<i>Explanation (if required)</i>
40 CFR 63.6(i)(1)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(2)	Yes	Compliance with Standards and Maintenance Requirements	Except replace "source" in 40 CFR 63.6(i)(2)(i) and (ii) of Subpart A with "affected source".
40 CFR 63.6(i)(3)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(4)(i)	No	Compliance with Standards and Maintenance Requirements	40 CFR 63.343(a)(6) of Subpart N specifies the procedures for obtaining an extension of compliance and the date by which such requests must be submitted.
40 CFR 63.6(i)(4)(ii)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(5)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(6)(i)	Yes	Compliance with Standards and Maintenance Requirements	This paragraph only references "paragraph (i)(4) of this section" for compliance extension provisions. But, 40 CFR 63.343(a)(6) of Subpart N also contains provisions for requesting a compliance extension.
40 CFR 63.6(i)(6)(ii)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(7)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(8)	Yes	Compliance with Standards and Maintenance Requirements	This paragraph only references "paragraphs (i)(4) through (i)(6) of this section" for compliance extension provisions. But, 40 CFR 63.343(a)(6) of Subpart N also contains provisions for requesting a compliance extension.
40 CFR 63.6(i)(9)	Yes	Compliance with Standards and Maintenance Requirements	This paragraph only references "paragraphs (i)(4) through (i)(6) of this section" and "paragraphs (i)(4) and (i)(5) of this section" for compliance extension provisions. But, 40 CFR 63.343(a)(6) of Subpart N also contains provisions for requesting a compliance extension.
40 CFR 63.6(i)(10)(i)-(iv)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(10)(v)(A)	Yes	Compliance with Standards and Maintenance Requirements	This paragraph only references "paragraph (i)(4)" for compliance extension provisions. But, 40 CFR 63.343(a)(6) of Subpart N also contains provisions for requesting a compliance extension.
40 CFR 63.6(i)(10)(v)(B)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(11)	Yes	Compliance with Standards and Maintenance Requirements	

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<i>General Provision Citation</i>	<i>General Provision Applicable?</i>	<i>Subject of Citation</i>	<i>Explanation (if required)</i>
40 CFR 63.6(i)(12)(i)	Yes	Compliance with Standards and Maintenance Requirements	This paragraph only references "paragraph (i)(4)(i) or (i)(5) of this section" for compliance extension provisions. But, 40 CFR 63.343(a)(6) of Subpart N also contains provisions for requesting a compliance extension.
40 CFR 63.6(i)(12)(ii)-(iii)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(13)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(14)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(15)	No	Compliance with Standards and Maintenance Requirements	[Reserved]
40 CFR 63.6(i)(16)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(j)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.7(a)(1)	Yes	Performance Testing Requirements	
40 CFR 63.7(a)(2)(i)-(viii)	No	Performance Testing Requirements	[Reserved]
40 CFR 63.7(a)(2)(ix)	Yes	Performance Testing Requirements	
40 CFR 63.7(a)(3)	Yes	Performance Testing Requirements	
40 CFR 63.7(a)(4)	Yes	Performance Testing Requirements	
40 CFR 63.7(b)(1)	No	Performance Testing Requirements	40 CFR 63.347(d) of Subpart N requires notification prior to the performance test. 40 CFR 63.344(a) of Subpart N requires submission of a site-specific test plan upon request.
40 CFR 63.7(b)(2)	Yes	Performance Testing Requirements	
40 CFR 63.7(c)	No	Performance Testing Requirements	40 CFR 63.344(a) of Subpart N specifies what the test plan should contain, but does not require test plan approval or performance audit samples.
40 CFR 63.7(d)	Yes	Performance Testing Requirements	Except replace "source" in the first sentence of 40 CFR 63.7(d) of Subpart A with "affected source".
40 CFR 63.7(e)(1)	No	Performance Testing Requirements	See 40 CFR 63.344(a). Any cross reference to 40 CFR 63.7(e)(1) in any other general provision incorporated by reference shall be treated as a cross-reference to 40 CFR 63.344(a).
40 CFR 63.7(e)(2)-(4)	Yes	Performance Testing Requirements	Subpart N also contains test methods specific to affected sources covered by that subpart.
40 CFR 63.7(f)	Yes	Performance Testing Requirements	40 CFR 63.344(c)(2) of Subpart N identifies CARB Method 425 as acceptable under certain conditions.

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<i>General Provision Citation</i>	<i>General Provision Applicable?</i>	<i>Subject of Citation</i>	<i>Explanation (if required)</i>
40 CFR 63.7(g)(1)	No	Performance Testing Requirements	Subpart N identifies the items to be reported in the compliance test [40 CFR 63.344(a)] and the timeframe for submitting the results [40 CFR 63.347(f)].
40 CFR 63.7(g)(2)	No	Performance Testing Requirements	[Reserved]
40 CFR 63.7(g)(3)	Yes	Performance Testing Requirements	
40 CFR 63.7(h)(1)-(2)	Yes	Performance Testing Requirements	
40 CFR 63.7(h)(3)(i)	Yes	Performance Testing Requirements	This paragraph only references "40 CFR 63.6(i)" for compliance extension provisions. But, 40 CFR 63.343(a)(6) of Subpart N also contains provisions for requesting a compliance extension.
40 CFR 63.7(h)(3)(ii)-(iii)	Yes	Performance Testing Requirements	
40 CFR 63.7(h)(4)-(5)	Yes	Performance Testing Requirements	
40 CFR 63.8(a)(1)	Yes	Monitoring Requirements	
40 CFR 63.8(a)(2)	No	Monitoring Requirements	Work practice standards are contained in 40 CFR 63.342(f) of subpart N.
40 CFR 63.8(a)(3)	No	Monitoring Requirements	[Reserved]
40 CFR 63.8(a)(4)	No	Monitoring Requirements	
40 CFR 63.8(b)(1)	Yes	Monitoring Requirements	
40 CFR 63.8(b)(2)	No	Monitoring Requirements	40 CFR 63.344(d) of subpart N specifies the monitoring location when there are multiple sources.
40 CFR 63.8(b)(3)	No	Monitoring Requirements	[Reserved]
40 CFR 63.8(c)(1)(i)	No	Monitoring Requirements	Subpart N requires proper maintenance of monitoring devices expected to be used by sources subject to subpart N.
40 CFR 63.8(c)(1)(ii)	No	Monitoring Requirements	40 CFR 63.342(f)(3)(iv) of Subpart N specifies reporting when the O&M plan is not followed.
40 CFR 63.8(c)(1)(iii)	No	Monitoring Requirements	40 CFR 63.343(f)(2) identifies the criteria for whether O&M procedures are acceptable.
40 CFR 63.8(c)(2)-(3)	No	Monitoring Requirements	40 CFR 63.344(d)(2) requires appropriate use of monitoring devices.
40 CFR 63.8(c)(4)-(7)	No	Monitoring Requirements	
40 CFR 63.8(d)	No	Monitoring Requirements	Maintenance of monitoring devices is required by 40 CFR 63.342(f) and 63.344(d)(2).
40 CFR 63.8(e)	No	Monitoring Requirements	There are no performance evaluation procedures for the monitoring devices expected to be used to comply with Subpart N.

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40 CFR 63.8(f)(1)	Yes	Monitoring Requirements	
40 CFR 63.8(f)(2)	No	Monitoring Requirements	Instances in which the Administrator may approve alternatives to the monitoring methods and procedures of Subpart N are contained in 40 CFR 63.343(c)(8) of subpart N.
40 CFR 63.8(f)(3)	Yes	Monitoring Requirements	
40 CFR 63.8(f)(4)	Yes	Monitoring Requirements	
40 CFR 63.8(f)(5)	Yes	Monitoring Requirements	
40 CFR 63.8(f)(6)	No	Monitoring Requirements	Subpart N does not require the use of CEM's.
40 CFR 63.8(g)	No	Monitoring Requirements	Monitoring data does not need to be reduced for reporting purposes because Subpart N requires measurement once/day.
40 CFR 63.9(a)	Yes	Notification Requirements	
40 CFR 63.9(b)(1)(i)-(ii)	No	Notification Requirements	40 CFR 63.343(a)(3) of Subpart N requires area sources to comply with major source provisions if an increase in HAP emissions causes them to become major sources.
40 CFR 63.9(b)(1)(iii)	No	Notification Requirements	40 CFR 63.347(c)(2) of Subpart N specifies initial notification requirements for new or reconstructed affected sources.
40 CFR 63.9(b)(2)	No	Notification Requirements	40 CFR 63.347(c)(1) of Subpart N specifies the information to be contained in the initial notification.
40 CFR 63.9(b)(3)	No	Notification Requirements	40 CFR 63.347(c)(2) of Subpart N specifies notification requirements for new or reconstructed sources that are not major affected sources.
40 CFR 63.9(b)(4)	No	Notification Requirements	
40 CFR 63.9(b)(5)	No	Notification Requirements	
40 CFR 63.9(c)	Yes	Notification Requirements	This paragraph only references "40 CFR 63.6(i)(4) through 40 CFR 63.6(i)(6)" for compliance extension provisions. But, 40 CFR 63.343(a)(6) of Subpart N also contains provisions for requesting a compliance extension. Subpart N provides a different timeframe for submitting the request than 40 CFR 63.6(i)(4).
40 CFR 63.9(d)	Yes	Notification Requirements	This paragraph only references "the notification dates established in paragraph (g) of this section". But, 40 CFR 63.347 of Subpart N also contains notification dates.
40 CFR 63.9(e)	No	Notification Requirements	Notification of performance test is required by 40 CFR 63.347(d) of Subpart N.

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40 CFR 63.9(f)	No	Notification Requirements	
40 CFR 63.9(g)	No	Notification Requirements	Subpart N does not require a performance evaluation or relative accuracy test for monitoring devices.
40 CFR 63.9(h)(1)-(3)	No	Notification Requirements	40 CFR 63.347(e) of Subpart N specifies information to be contained in the notification of compliance status and the timeframe for submitting this information.
40 CFR 63.9(h)(4)	No	Notification Requirements	[Reserved]
40 CFR 63.9(h)(5)	No	Notification Requirements	Similar language has been incorporated into 40 CFR 63.347(e)(2)(iii) of Subpart N.
40 CFR 63.9(h)(6)	Yes	Notification Requirements	
40 CFR 63.9(i)	Yes	Notification Requirements	
40 CFR 63.9(j)	Yes	Notification Requirements	
40 CFR 63.10(a)	Yes	Recordkeeping and Reporting Requirements	
40 CFR 63.10(b)(1)	Yes	Recordkeeping and Reporting Requirements	
40 CFR 63.10(b)(2)	No	Recordkeeping and Reporting Requirements	40 CFR 63.346(b) of Subpart N specifies the records that must be maintained.
40 CFR 63.10(b)(3)	No	Recordkeeping and Reporting Requirements	Subpart N applies to major and area sources.
40 CFR 63.10(c)	No	Recordkeeping and Reporting Requirements	Applicable requirements of 40 CFR 63.10(c) have been incorporated into 40 CFR 63.346(b) of Subpart N.
40 CFR 63.10(d)(1)	Yes	Recordkeeping and Reporting Requirements	
40 CFR 63.10(d)(2)	No	Recordkeeping and Reporting Requirements	40 CFR 63.347(f) of Subpart N specifies the timeframe for reporting performance test results.
40 CFR 63.10(d)(3)	No	Recordkeeping and Reporting Requirements	Subpart N does not contain opacity or visible emissions standards.
40 CFR 63.10(d)(4)	Yes	Recordkeeping and Reporting Requirements	
40 CFR 63.10(d)(5)	No	Recordkeeping and Reporting Requirements	40 CFR 63.342(f)(3)(iv) and §63.347(g)(3) of Subpart N specify reporting associated with malfunctions.
40 CFR 63.10(e)	No	Recordkeeping and Reporting Requirements	40 CFR 63.347(g) and (h) of Subpart N specify the frequency of periodic reports of monitoring data used to establish compliance. Applicable requirements of 40 CFR 63.10(e) have been incorporated into 40 CFR 63.347(g) and (h).
40 CFR 63.10(f)	Yes	Recordkeeping and Reporting Requirements	
40 CFR 63.11	No	Control Device and Work Practice Requirements	Flares will not be used to comply with the emission limits.

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<i>General Provision Citation</i>	<i>General Provision Applicable?</i>	<i>Subject of Citation</i>	<i>Explanation (if required)</i>
40 CFR 63.12	Yes	State Authority and Delegations	
40 CFR 63.13	Yes	Addresses of State Air Pollution Control Agencies and EPA Regional Offices	
40 CFR 63.14	Yes	Incorporations by Reference	
40 CFR 63.15	Yes	Availability of Information and Confidentiality	

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b. 40 CFR 63 Subpart A and Subpart T - NESHAP for Halogenated Solvent Cleaning

Pursuant to 40 CFR 63 Subpart A and Subpart T, the Permittee shall comply with the following applicable General Provisions as indicated:

<i>General Provision Citation</i>	<i>General Provision Applicable?</i>	<i>Subject of Citation</i>	<i>Explanation (if required)</i>
40 CFR 63.1(a) (1)-(3)	Yes	General Applicability of the General Provisions	
40 CFR 63.1(a) (4)	Yes	General Applicability of the General Provisions	Subpart T (this appendix) specifies applicability of each paragraph in Subpart A to Subpart T.
40 CFR 63.1(a) (5)	No	General Applicability of the General Provisions	
40 CFR 63.1(a) (6)-(8)	Yes	General Applicability of the General Provisions	
40 CFR 63.1(a) (9)	No	General Applicability of the General Provisions	
40 CFR 63.1(a) (10)	Yes	General Applicability of the General Provisions	
40 CFR 63.1(a) (11)	No	General Applicability of the General Provisions	Subpart T allows submittal of notifications and reports through the U.S. mail, fax, and courier. Subpart T requires that the postmark for notifications and reports submitted through the U.S. mail or other non-Governmental mail carriers be on or before deadline specified in an applicable requirement.
40 CFR 63.1(a) (12)-(14)	Yes	General Applicability of the General Provisions	
40 CFR 63.1(b) (1)	No	General Applicability of the General Provisions	Subpart T specifies applicability.
40 CFR 63.1(b) (2)	Yes	General Applicability of the General Provisions	
40 CFR 63.1(b) (3)	No	General Applicability of the General Provisions	Subpart T requires that a record of halogenated cleaning machine applicability determination be kept on site for 5 years, or until the cleaning machine changes its operations. The record shall be sufficiently detailed to allow the Administrator to make a finding about the source's applicability status with regard to subpart T.
40 CFR 63.1(c) (1)	Yes	General Applicability of the General Provisions	
40 CFR 63.1(c) (2)	Yes	General Applicability of the General Provisions	Subpart T, 40 CFR 63.460(h) exempts area sources subject to this subpart from the obligation to obtain Title V operating permits.
40 CFR 63.1(c) (3)	No	General Applicability of the General Provisions	
40 CFR 63.1(c) (4)	Yes	General Applicability of the General Provisions	

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40 CFR 63.1(c)(5)	Yes	General Applicability of the General Provisions	Subpart T does not require continuous monitoring systems (CMS) or continuous opacity monitoring systems. Therefore, notifications and requirements for CMS and COMS specified in Subpart A do not apply to Subpart T.
40 CFR 63.1(d)	No	General Applicability of the General Provisions	
40 CFR 63.1(e)	Yes	General Applicability of the General Provisions	
40 CFR 63.2	Yes	Definitions	Subpart T definitions (40 CFR 63.461) for existing and new overlap with the definitions for existing source and new source in Subpart A (40 CFR 63.2). Both Subparts A and T also define Administrator.
40 CFR 63.3(a)-(c)	Yes	Units and Abbreviations	
40 CFR 63.4(a)(1)-(3)	Yes	Prohibited Activities and Circumvention	
40 CFR 63.4(a)(4)	No	Prohibited Activities and Circumvention	
40 CFR 63.4(a)(5)	Yes	Prohibited Activities and Circumvention	
40 CFR 63.4(b)-(c)	Yes	Prohibited Activities and Circumvention	
40 CFR 63.5(a)(1)	Yes	Preconstruction Review and Notification Requirements	
40 CFR 63.5(a)(2)	Yes	Preconstruction Review and Notification Requirements	
40 CFR 63.5(b)(1)	Yes	Preconstruction Review and Notification Requirements	
40 CFR 63.5(b)(2)	No	Preconstruction Review and Notification Requirements	
40 CFR 63.5(b)(3)	No	Preconstruction Review and Notification Requirements	Subpart T overrides the requirement for approval prior to constructing a new or reconstructing an existing major source.
40 CFR 63.5(b)(4)-(6)	Yes	Preconstruction Review and Notification Requirements	
40 CFR 63.5(c)	No	Preconstruction Review and Notification Requirements	
40 CFR 63.5(d)-(f)	No	Preconstruction Review and Notification Requirements	Subpart T overrides the requirement to submit an application for approval of construction or reconstruction of a halogenated solvent cleaning machine.
40 CFR 63.6(a)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(b)(1)-(5)	Yes	Compliance with Standards and Maintenance Requirements	Subpart T, 40 CFR 63.460, specifies compliance dates.

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40 CFR 63.6(b)(6)	No	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(b)(7)	No	Compliance with Standards and Maintenance Requirements	Subpart T has the same requirements for affected halogenated HAP solvent cleaning machine subcategories that are located at area sources as it does for those located at major sources.
40 CFR 63.6(c)(1)-(2)	Yes	Compliance with Standards and Maintenance Requirements	Subpart T allows 3 years from the date of promulgation for both area and major existing sources to comply.
40 CFR 63.6(c)(3)-(4)	No	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(c)(5)	Yes	Compliance with Standards and Maintenance Requirements	Subpart T has the same requirements for affected halogenated HAP solvent cleaning machine subcategories that are located at area sources as it does for those located at major sources.
		Compliance with Standards and Maintenance Requirements	Subpart T allows 3 years from the date of promulgation for both area and major existing sources to comply.
40 CFR 63.6(d)	No	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(e)(1)-(2)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(e)(3)	No	Compliance with Standards and Maintenance Requirements	Subpart T overrides the requirement of a startup, shutdown, and malfunction plan. Subpart T specifies startup and shutdown procedures to be followed by an owner or operator for batch vapor and in-line cleaning machines.
40 CFR 63.6(f)-(g)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(h)	No	Compliance with Standards and Maintenance Requirements	Subpart T does not require compliance with an opacity or visible emission standard.
40 CFR 63.6(i)(1)-(14)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(15)	No	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(i)(16)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.6(j)	Yes	Compliance with Standards and Maintenance Requirements	
40 CFR 63.7(a)	Yes	Performance Testing Requirements	Subpart T gives owners or operators the option to perform an idling emission performance test as a way of demonstrating compliance. Other options are also available that do not require a performance test.

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40 CFR 63.7(b)	Yes	Performance Testing Requirements	This is only required for those owners or operators that choose the idling emission standard as their compliance option.
40 CFR 63.7(c)(1)	Yes	Performance Testing Requirements	This is only required for those owners or operators that choose the idling emission standard as their compliance option.
40 CFR 63.7(c)(2)-(3)	No	Performance Testing Requirements	Subpart T does not require a site-specific test plan for the idling emission performance test.
40 CFR 63.7(c)(4)	No	Performance Testing Requirements	Subpart T does not require a performance test that involves the retrieval of gas samples, and therefore this does not apply.
40 CFR 63.7(d)	No	Performance Testing Requirements	Requirements do not apply to the idling emission performance test option.
40 CFR 63.7(e)	Yes	Performance Testing Requirements	
40 CFR 63.7(f)	Yes	Performance Testing Requirements	
40 CFR 63.7(g)	Yes	Performance Testing Requirements	Subpart T specifies what is required to demonstrate idling emission standard compliance through the use of the Environmental Protection Agency test method 307 and control device monitoring. Reports and records of testing and monitoring are required for compliance verification. Three runs of the test are required for compliance, as specified in 40 CFR 63.7(e) of subpart A.
40 CFR 63.7(h)	No	Performance Testing Requirements	Subpart T does not require the use of a performance test to comply with the standard. The idling emission standard option (which requires an idling emission performance test) is an alternative option offered to owners or operators of batch vapor and in-line cleaning machines for compliance flexibility.
40 CFR 63.8 (a)-(b)	Yes	Monitoring Requirements	
40 CFR 63.8 (c)-(e)	No	Monitoring Requirements	Subpart T does not require the use of continuous monitoring systems to demonstrate compliance.
40 CFR 63.8(f)	Yes	Monitoring Requirements	
40 CFR 63.8(g)	No	Monitoring Requirements	Subpart T does not require continuous opacity monitoring systems and continuous monitoring systems data.
40 CFR 63.9(a)(1)-(4)	Yes	Notification Requirements	
40 CFR 63.9(b)(1)	Yes	Notification Requirements	

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Section 7 - Other Requirements
7.4 - 40 CFR 63 Subpart A
Requirements (NESHAP)

<i>General Provision Citation</i>	<i>General Provision Applicable?</i>	<i>Subject of Citation</i>	<i>Explanation (if required)</i>
40 CFR 63.9(b)(2)	Yes	Notification Requirements	Subpart T includes all of those requirements stated in Subpart A, except that Subpart A also requires a statement as to whether the affected source is a major or an area source, and an identification of the relevant standard (including the source's compliance date). Subpart T also has some more specific information requirements specific to the affected source (see Subpart T, 40 CFR 63.468(a)-(b)).
40 CFR 63.9(b)(3)	Yes	Notification Requirements	The Subpart A and Subpart T initial notification reports differ (see above).
40 CFR 63.9(b)(4)	No	Notification Requirements	Subpart T does not require an application for approval of construction or reconstruction.
40 CFR 63.9(b)(5)	Yes	Notification Requirements	
40 CFR 63.9(c)	Yes	Notification Requirements	
40 CFR 63.9(d)	Yes	Notification Requirements	
40 CFR 63.9(e)	Yes	Notification Requirements	Under Subpart T, this requirement only applies to owners or operators choosing to comply with the idling emissions standard.
40 CFR 63.9(f)	No	Notification Requirements	Subpart T does not require opacity or visible emission observations.
40 CFR 63.9(g)(1)	No	Notification Requirements	Subpart T does not require the use of continuous monitoring systems or continuous opacity monitoring systems.
40 CFR 63.9(h)	No	Notification Requirements	Section 63.468 of Subpart T requires an initial statement of compliance for existing sources to be submitted to the Administrator no later than 150 days after the compliance date specified in 40 CFR 63.460(d) of Subpart T. For new sources, this report is to be submitted to the Administrator no later than 150 days from the date specified in 40 CFR 63.460(c).
40 CFR 63.9(i)	Yes	Notification Requirements	
40 CFR 63.9(j)	Yes	Notification Requirements	
40 CFR 63.10(a)	Yes	Recordkeeping and Reporting Requirements	
40 CFR 63.10(b)	No	Recordkeeping and Reporting Requirements	Recordkeeping requirements are specified in Subpart T.
40 CFR 63.10(c)(1)-(15)	No	Recordkeeping and Reporting Requirements	Subpart T does not require continuous monitoring systems.
40 CFR 63.10(d)(1)	Yes	Recordkeeping and Reporting Requirements	
40 CFR 63.10(d)(2)	No	Recordkeeping and Reporting Requirements	Reporting requirements are specified in Subpart T.

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Section 7 - Other Requirements
7.4 - 40 CFR 63 Subpart A
Requirements (NESHAP)

<i>General Provision Citation</i>	<i>General Provision Applicable?</i>	<i>Subject of Citation</i>	<i>Explanation (if required)</i>
40 CFR 63.10(e) (1)-(2)	No	Recordkeeping and Reporting Requirements	Subpart T does not require continuous emissions monitoring systems.
40 CFR 63.10(e)(3)	No	Recordkeeping and Reporting Requirements	Subpart T does not require continuous monitoring systems.
40 CFR 63.10(e)(4)	No	Recordkeeping and Reporting Requirements	Subpart T does not require continuous opacity monitoring systems.
40 CFR 63.10(f)	Yes	Recordkeeping and Reporting Requirements	
40 CFR 63.11(a)	Yes	Control Device and Work Practice Requirements	
40 CFR 63.11(b)	No	Control Device and Work Practice Requirements	Flares are not a control option under subpart T.
40 CFR 63.12 (a)- (c)	Yes	State Authority and Delegations	
40 CFR 63.13 (a)- (c)	Yes	Addresses of State Air Pollution Control Agencies and EPA Regional Offices	
40 CFR 63.14	No	Incorporations by Reference	Subpart T requirements do not require the use of the test methods incorporated by reference in Subpart A.
40 CFR 63.15(a)-(b)	Yes	Availability of Information and Confidentiality	

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c. 40 CFR 63 Subpart A and Subpart DDDDD - Boilers

Pursuant to 40 CFR 63 Subpart A and Subpart DDDDD, the Permittee shall comply with the following applicable General Provisions as indicated:

<i>General Provision Citation</i>	<i>General Provision Applicable?</i>	<i>Subject of Citation</i>	<i>Explanation (if required)</i>
40 CFR 63.1	Yes	General Applicability of the General Provisions	
40 CFR 63.2	Yes	Definitions	Additional terms defined in 40 CFR 63.7575.
40 CFR 63.3	Yes	Units and Abbreviations	
40 CFR 63.4	Yes	Prohibited Activities and Circumvention	
40 CFR 63.5	Yes	Preconstruction Review and Notification Requirements	
40 CFR 63.6	Yes	Compliance with Standards and Maintenance Requirements	With the exception of (e)(1)(i); see 40 CFR 63.7500(a)(3); (e)(1)(ii), (e)(3), (f)(1), and (h)(1); see 40 CFR 63.7500(a).
40 CFR 63.7	Yes	Performance Testing Requirements	With the exception of (e)(1); Subpart DDDDD specifies conditions for conducting performance tests at 40 CFR 63.7520(a).
40 CFR 63.8	Yes	Monitoring Requirements	With the exception of (c)(1)(i); see 40 CFR 63.7500(a)(3); (c)(1)(iii), and the last sentence of (d)(3); which refers to a startup, shutdown, and malfunction plan and startup, shutdown, and malfunction plans are not required.
40 CFR 63.9	Yes	Notification Requirements	
40 CFR 63.10	Yes	Recordkeeping and Reporting Requirements	With the exception of (b)(2)(ii); see § 63.7555(d)(7) for recordkeeping of occurrence and duration and 40 CFR 63.7555(d)(8) for actions taken during malfunctions; (b)(2)(iv) and (v), (b)(3), (c)(10) and (11); see 40 CFR 63.7555(d)(7) for recordkeeping of occurrence and duration and 40 CFR 63.7555(d)(8) for actions taken during malfunctions; (c)(15), (d)(3), and (d)(5); see 40 CFR 63.7550(c)(11) for malfunction reporting requirements.
40 CFR 63.11	No	Control Device and Work Practice Requirements	
40 CFR 63.12	Yes	State Authority and Delegations	
40 CFR 63.13	Yes	Addresses of State Air Pollution Control Agencies and EPA Regional Offices	
40 CFR 63.14	Yes	Incorporations by Reference	
40 CFR 63.15	Yes	Availability of Information and Confidentiality	
40 CFR 63.16	Yes	Performance Track Provisions	

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Section 8 - State Only Requirements

1. Permitted Emissions for Fees

The annual emissions from the source for purposes of "Duties to Pay Fees" of Condition 2.3(e), not considering insignificant activities as addressed by Section 6, shall not exceed the following limitations. The overall source emissions shall be determined by adding emissions from all emission units. Compliance with these limits shall be determined on a calendar year basis. The Permittee shall maintain records with supporting calculations of how the annual emissions for fee purposes were calculated. This Condition is set for the purpose of establishing fees and is not federally enforceable. See Section 39.5(18) of the Act.

<i>Pollutant</i>		<i>Tons/Year</i>
Volatile Organic Material	(VOM)	72.02
Sulfur Dioxide	(SO ₂)	0.1
Particulate Matter	(PM)	2.48
Nitrogen Oxides	(NO _x)	3.70
HAP, not included in VOM or PM	(HAP)	----
Total		78.3

Attachment 1 - List of Emission Units at This Source

<i>Section</i>	<i>Emission Units</i>	<i>Description</i>
4.1	Decorative Chrome Plating Tank - Hand Line (HL1-2)	Parts are racked on plating racks and either hand carried or mechanically transferred through the chrome plating cycle. The cycle typically includes hot alkaline cleaning and hot alkaline electrocleaning to remove particulate or oily soils. Following is acid cleaning to remove oxides to provide a chemically clean surface prior to the actual plating activities. The parts are rinsed in running water rinses between and after the intermediate cleaning steps and plating operations. After the final rinse, the parts are dried.
4.1	Decorative Chrome Plating Line - Autoline (H2)	
4.1	Decorative Chrome Plating Tank - Hand Line (HL2-2)	
4.2	Solvent Degreaser 1 (D-1)	Within the decorative plating tanks a chrome layer is electroplated onto the surface of parts. The chrome plating tanks are controlled by maintaining the proper surface tension with a fume suppressant wetting agent.
4.2	Solvent Degreaser 2 (D-2)	The solvent degreasers are used to remove oil and grease from metal and metal parts prior to further processing at the source.
4.3	Process Steam Boiler No. 1	N-Propyl Bromide, which is classified as a Volatile Organic Material (VOM), or Trichloroethylene, which is classified as both Volatile Organic Material (VOM) and Hazardous Air Pollutant (HAP), is used as the cleaning solvent. Emissions of VOM and/or HAP are the result of solvent evaporation.
		8.4 mmBtu/hr natural gas-fired steam boiler which provides steam/heat to process(es)

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Attachment 2 - Acronyms and Abbreviations

acfm	Actual cubic feet per minute
ACMA	Alternative Compliance Market Account
Act	Illinois Environmental Protection Act [415 ILCS 5/1 et seq.]
AP-42	Compilation of Air Pollutant Emission Factors, Volume 1, Stationary Point and Other Sources (and Supplements A through F), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711
ATU	Allotment trading unit
BACT	Best Available Control Technology
BAT	Best Available Technology
Btu	British Thermal Units
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAAPP	Clean Air Act Permit Program
CAIR	Clean Air Interstate Rule
CAM	Compliance Assurance Monitoring
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CISWI	Commercial Industrial Solid Waste Incinerator
CO	Carbon monoxide
CO ₂	Carbon dioxide
COMS	Continuous Opacity Monitoring System
CPMS	Continuous Parameter Monitoring System
dscf	Dry standard cubic foot
dscm	Dry standard cubic meter
ERMS	Emissions Reduction Market System
°F	Degrees Fahrenheit
GHG	Green house gas
GACT	Generally Acceptable Control Technology
gr	Grains
HAP	Hazardous air pollutant
Hg	Mercury
HMIWI	Hospital medical infectious waste incinerator
hp	Horsepower
hr	Hour
H ₂ S	Hydrogen sulfide
I.D. No.	Identification number of source, assigned by IEPA
IAC	Illinois Administrative Code
ILCS	Illinois Compiled Statutes
IEPA	Illinois Environmental Protection Agency
kw	Kilowatts
LAER	Lowest Achievable Emission Rate
lbs	Pound

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m	Meter
MACT	Maximum Achievable Control Technology
M	Thousand
MM	Million
mos	Month
MSDS	Material Safety Data Sheet
MSSCAM	Major Stationary Sources Construction and Modification (Non-attainment New Source Review)
MW	Megawatts
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO _x	Nitrogen oxides
NSPS	New Source Performance Standards
NSR	New Source Review
PB	Lead
PEMS	Predictive Emissions Monitoring System
PM	Particulate matter
PM ₁₀	Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns as measured by applicable test or monitoring methods
PM _{2.5}	Particulate matter with an aerodynamic diameter less than or equal to a nominal 2.5 microns as measured by applicable test or monitoring methods
ppm	Parts per million
ppmv	Parts per million by volume
ppmw	Parts per million by weight
PSD	Prevention of Significant Deterioration
PSEU	Pollutant-Specific Emission Unit
psia	Pounds per square inch absolute
PTE	Potential to emit
RACT	Reasonable Available Control Technology
RMP	Risk Management Plan
scf	Standard cubic feet
SCR	Selective catalytic reduction
SIP	State Implementation Plan
SO ₂	Sulfur dioxide
T1	Title I - identifies Title I conditions that have been carried over from an existing permit
T1N	Title I New - identifies Title I conditions that are being established in this permit
T1R	Title I Revised - identifies Title I conditions that have been carried over from an existing permit and subsequently revised in this permit
USEPA	United States Environmental Protection Agency
VOM	Volatile organic material

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Attachment 3 - Contact and Reporting Addresses

<p style="text-align: center;">IEPA Compliance Section</p> <p style="text-align: center;">IEPA Stack Test Specialist</p> <p style="text-align: center;">IEPA Air Quality Planning Section</p> <p style="text-align: center;">IEPA Air Regional Field Operations Regional Office #1</p> <p style="text-align: center;">IEPA Permit Section</p>	<p>Illinois EPA, Bureau of Air Compliance & Enforcement Section (MC 40) 1021 North Grand Avenue East P.O. Box 19276 Springfield, Illinois 62794-9276</p> <p>Phone No.: 217/782-2113</p> <p>Illinois EPA, Bureau of Air Compliance Section Source Monitoring - Third Floor 9511 Harrison Street Des Plaines, Illinois 60016</p> <p>Phone No.: 847/294-4000</p> <p>Illinois EPA, Bureau of Air Air Quality Planning Section (MC 39) 1021 North Grand Avenue East P.O. Box 19276 Springfield, Illinois 62794-9276</p> <p>Phone No.: 217/782-2113</p> <p>Illinois EPA, Bureau of Air Regional Office #1 9511 Harrison Street Des Plaines, Illinois 60016</p> <p>Phone No.: 847/294-4000</p> <p>Illinois EPA, Bureau of Air Permit Section (MC 11) 1021 North Grand Avenue East P.O. Box 19506 Springfield, Illinois 62794-9506</p> <p>Phone No.: 217/785-1705</p>
<p style="text-align: center;">USEPA Region 5 - Air Branch</p>	<p>USEPA (AR - 17J) Air and Radiation Division 77 West Jackson Boulevard Chicago, Illinois 60604</p> <p>Phone No.: 312/353-2000</p>

Attachment 4 - Example Certification by a Responsible Official

SIGNATURE BLOCK	
NOTE: THIS CERTIFICATION MUST BE SIGNED BY A RESPONSIBLE OFFICIAL. APPLICATIONS WITHOUT A SIGNED CERTIFICATION WILL BE DEEMED AS INCOMPLETE.	
I CERTIFY UNDER PENALTY OF LAW THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION CONTAINED IN THIS APPLICATION ARE TRUE, ACCURATE AND COMPLETE. ANY PERSON WHO KNOWINGLY MAKES A FALSE, FICTITIOUS, OR FRAUDULENT MATERIAL STATEMENT, ORALLY OR IN WRITING, TO THE ILLINOIS EPA COMMITS A CLASS 4 FELONY. A SECOND OR SUBSEQUENT OFFENSE AFTER CONVICTION IS A CLASS 3 FELONY. (415 ILCS 5/44(H))	
AUTHORIZED SIGNATURE:	
BY: _____	_____
AUTHORIZED SIGNATURE	TITLE OF SIGNATORY
_____	_____/_____/_____
TYPED OR PRINTED NAME OF SIGNATORY	DATE

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