

DRAFT/PROPOSED CAAPP PERMIT
June 20, 2012

Attention: Arnold Brown, Environmental Supervisor
Guardian West & Flex-N-Gate Manufacturing
Attn: Arnold Brown
601 Guardian Drive
Urbana, IL 61801

State of Illinois

CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT

[Title I and Title V Permit]

Source:

Guardian West & Flex-N-Gate Manufacturing
601 Guardian Drive
Urbana, IL 61801

I.D. No.: 019105ADW
Permit No.: 00040059

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.: 019105ADW

Permit No.: 00040059

Statement of Basis No.: 00040059-2012/04

Date Application Received: October 16, 2007

Date Issued:

Expiration Date: TBD, Five years after issuance

Renewal Submittal Date: 9 Months Prior to TBD

Source Name: Flex-N-Gate Corporation

Address: 601 Guardian Drive and 1306 East University Avenue

City: Urbana

County: Champaign

ZIP Code: 61802

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 Anatoly Belogorsky at 217/782-2113.

Edwin C. Bakowski, P.E.
Manager, Permit Section
Division of Air Pollution Control

ECB:MTR:AB:

cc: IEPA, Permit Section
IEPA, FOS, Region 3

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Section 1 - Source Information

1. AddressesSource

Flex-N-Gate Corporation
1306 East University Avenue
Urbana, IL 61802

Owner

Flex-N-Gate Corporation
1306 East University Avenue
Urbana, IL 61802

Operator

Guardian West and Flex-N-Gate Manufacturing
601 Guardian Drive
Urbana, IL 61801

Permittee

The Operator of the source as identified in this table.

2. ContactsCertified 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>	Scott Quartier	VP-Environmental, Flex-N-Gate
<i>Delegated Authority</i>	Andrew Scheele	Plant Manager, Guardian West

Other Contacts

	<i>Name</i>	<i>Phone No.</i>	<i>Email</i>
<i>Source Contact</i>	Arnold Brown	(217) 278-2410	Arnold.Brown@flex-n-gate.com
<i>Technical Contact</i>	Arnold Brown	(217) 278-2410	Arnold.Brown@flex-n-gate.com
<i>Correspondence</i>	Arnold Brown	(217) 278-2410	Arnold.Brown@flex-n-gate.com
<i>Billing</i>	Kathy Shoemaker	(217) 278-2678	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 of performance and 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 requested material would make this overly burdensome, in which case, the Permittee

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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.
- 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

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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.

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

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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) (l) and (o) of the Act]
- 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

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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.

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

c. 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

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demolish pursuant to Condition 3.1(c)(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).

d. 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

Should this source become subject to 35 IAC 212.302, the Permittee shall prepare and operate under a Fugitive PM Operating Program consistent with 35 IAC 212.310 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). Any future Fugitive PM Operating Program made by the Permittee during the permit term is automatically incorporated by reference provided the Fugitive PM Operating Program is not expressly disapproved, in writing, by the IEPA within 30 days of receipt of the Fugitive PM Operating Program. In the event that the IEPA notifies the Permittee of a deficiency with any 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.

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

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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 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

a. i. Construction Permit #98100041 Requirements [T1R]

A. Pursuant to Construction Permit #98100041 and Section 39.5(7) (a) of the Act, HAP emissions from all operations performed at the source shall not exceed the following limitations:

Pollutant	Emissions, tons/month	Emissions, tons/year
Individual HAP	1.5	9.5
Total HAP's	3.5	24.0

ii. Compliance Method (Construction Permit #98100041)

Pursuant to Construction Permit #98100041, 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).

Monitoring

A. See Condition 4.2(2) (h) (ii)

Recordkeeping

B. Pursuant to 39.5(7) (b) of the Act, for the operations described in Conditions 4.1, 4.2 and 4.5, the Permittee shall keep monthly and annual records of individual and total HAP usage (ton/mo and ton/yr) in the coatings and solvents applied and HAP emissions (ton/mo and ton/yr), with supporting calculations.

C. Pursuant to 39.5(7) (b) of the Act, the Permittee shall keep the HAP content of each coating and solvent applied, by individual HAP, lb/gallon.

D. Pursuant to 39.5(7) (b) of the Act, the Permittee shall keep the records of usage of each material containing HAP, including dilution and cleaning solvents, gallons/week and gallons/month.

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- E. The amount of manifested HAP containing waste sent off site for reclamation or disposal, in units gallons/month and gallons/year.
- F. The average density in lb/gal or wt.% of HAP in the manifested waste.

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 Condition 3.1(a) (i).
 - II. Requirements in Condition 3.4(a) (i) (A).
- 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 Reports 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.

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.

<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 due by May 1 of the year following the calendar year in which the emissions took place. All records Guardian West & Flex-N-Gate Manufacturing

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and calculations upon which the verified and reported data are based must be retained by the source.

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Section 4 - Emission Unit Requirements

4.1 Guardian West - Undercoat Coating Line

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>
One Undercoat Electrostatic Spray Booth (PC-1)	PM, VOM	1999	N/A	Dry Filters (EFG-2)	None
Post-Heat Oven	PM, SO ₂ , VOM, CO, NO _x	1999	N/A	None	None

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(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.

ii. Compliance Method (Opacity Requirements)

A. Pursuant to Section 39.5(7) (p) of the Act, The Permittee shall conduct quarterly visible emissions observations of each individual stack(s) by using Method 22. If opacity is observed, the Permittee shall conduct opacity testing by using Method 9 within one week.

B. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep records of visible emissions observations and opacity testing.

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, to exceed the allowable emission rates specified in 35 IAC 212.321(c) (See also Section 7.2(a)).

ii. Compliance Method (PM Requirements)

Monitoring

A. Pursuant to Section 39.5(7) (d) of the Act, the Permittee shall perform quarterly inspections of each dry filter.

As part of the inspections, the Permittee shall perform observations for visible emissions by Method 22. If visible emissions are observed, the Permittee shall take corrective action within 2 hours to return the status of the operations to no visible emissions or observations of opacity by Method 9 shall be conducted within one week. For the purpose of this condition, returning the status of operations to no visible emissions does not include, for any activity, temporary idling or the lack of operations.

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Recordkeeping

- B. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep monthly and annual records of solids in applied coatings for the undercoat coating line.
- C. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep monthly and annual hours of operation of the undercoat coating line.
- D. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep monthly and annual actual emissions of PM, with supporting calculations, along with allowable emissions by 35 IAC 212.321(a).
- E. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep the control device (dry filters) inspection and maintenance log.

c. i. **Sulfur Dioxide Requirements (SO₂)**

- A. Pursuant to 35 IAC 214.301, no person shall cause or allow the emission of sulfur dioxide into the atmosphere from oven to exceed 2000 ppm.

ii. Compliance Method (SO₂ Requirements)

Recordkeeping

- A. Records that the natural gas quality is equal to pipeline quality natural gas as required by Condition 4.1(2) (g).

d. i. **Volatile Organic Material Requirements (VOM)**

- A. Pursuant to 35 IAC 215.204(j) (3), the VOM content, excluding water and any compounds which are specifically exempted from the definition of volatile organic material, in the applied miscellaneous metal parts coatings at the spray booth shall not exceed the following limits:

- Extreme Performance Coating: 0.42 kg/l (3.5 lb/gal)
- Clear Coating: 0.52 kg/l (4.3 lb/gal)

- B. See Condition 5.1(c) (ii) (A) for the VOM limits established in Construction Permit #98100041.

ii. Compliance Method (VOM Requirements)

Monitoring

- A. Pursuant to 35 IAC 215.208 and Section 39.5(7) (b) of the Act, testing for VOM content of coatings and solvents shall be performed as follows:
 - On an annual basis, the VOM content of coatings "as applied" shall be determined according to Method 24 of 40 CFR 60 Appendix A.
 - The VOM content of the cleaning solvents used shall be tested annually according to Methods 24 and 24A of 40 CFR 60 Appendix A.
 - This testing may be performed by the supplier of a material provided that the supplier provides documentation for such testing to the Permittee and the Permittee's records directly reflect the

application of such material and separately account for any additions of solvent.

Recordkeeping

B. Pursuant to Section 39.5(7) (b) of the Act, the Permittee shall keep the following records:

Coating:

- The usage of each coating, in units of gallons/month and gallons/year.
- Density of each coating in units of lb/gallon.
- VOM content of each coating in weight percent.
- The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on the affected coating operations.

Cleanup Solvents:

- VOM content of each cleanup solvent used in lbs/gal.
- Amount of each cleanup solvent used in gal/month and gal/year.

VOM Emissions:

- Monthly and annual VOM emissions from the undercoat coating line (ton/mo and ton/yr).

VOM Content Testing (wt.%):

- Identification of material tested.
- Results of analyses or supplier documentation.
- Documentation of analysis methodology.
- Person performing analysis.

e. i. Carbon Monoxide Requirements (CO)

See Condition 5.1(a) (i) (A) for CO limits established in Construction Permit #98100041.

ii. Compliance Method (CO Requirements)

See Condition 5.1(a) (ii) (A) for monitoring requirements.

f. i. Nitrogen Oxide Requirements (NO_x)

See Condition 5.1(b) (i) (A) for NO_x limits established in Construction Permit #98100041.

ii. Compliance Method (NO_x Requirements)

See Condition 5.1(b) (ii) (A) for monitoring requirements.

g. i. Operational and Production Requirements

A. Pursuant to Section 39.5(7) (a) of the Act, pipeline quality natural gas shall be the only fuel fired in the ovens.

ii. Compliance Method (Operational and Production Requirements)

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Recordkeeping

- A. Pursuant to Section 39.5(7) (b), the Permittee shall keep the records of the type of fuel used.

3. Non-Applicability Determinations

- a. Pursuant to 35 IAC 215.209, no coating line subject to the limitations of 35 IAC 215.204 is required to meet 35 IAC 215.301 or 215.302 after the date by which the coating line is required to meet 35 IAC 215.204.
- b. Pursuant to 35 IAC 215.207(a), only coating lines constructed or modified before July 1, 1979 are subject to an aggregation of emission units option of 35 IAC 215.207.
- c. Ovens are not subject to 35 IAC 216.121, because these emission units are not by definition the fuel combustion emission units.
- d. The coating line is not subject to the National Emission Standards for Hazardous Air Pollution (NESHAP) for miscellaneous metal coating, 40 CFR Part 63 Subpart M, because the source is not considered a major source of HAP's pursuant to Condition 3.3(c).
- e. The coating line not being subject to the New Source Performance Standards (NSPS) for Automobile and Light Duty Truck Surface Coating Operations, 40 CFR Part 60, Subpart MM, because the coating line is not located at an automobile or light-duty truck assembly plant.
- f. The undercoat coating line is not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because:
- i. The line does not use an add-on control device to achieve compliance with any emission limitation or standard other than PM.
- ii. Pre-control emissions of PM do not exceed major source threshold.

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), 4.1(2) (d) (i), 4.1(2) (e) (i), 4.1(2) (f) (i) and 4.1(2) (g) (i).
- B. All such deviations shall be summarized and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).

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- ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Reports 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.

4.2 Guardian West - Bumper Coating Line

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>
E-Coat Prime Dip Coat Process (P-1-1)	PM, VOM	1999	N/A	None	None
Two Electrostatic Anti-Chip Coating Booths (P-1-3)	PM, VOM	1999	N/A	Dry Filters (EFP-1 and EFP-2)	None
Two Clearcoat Spray Booths (P-1-6)	PM, VOM	1999	N/A	Dry Filters (EFP-5 and EFP-6)	None
Two Basecoat Spray Booths (P-1-5)	PM, VOM	1999	N/A	Dry Filters (EFP-3 and EFP-4)	None
E-Coat Oven (P-1-2)	PM, SO ₂ , VOM, CO, NO _x	1999	N/A	None	None
Anti-Chip Oven (P-1-4)	PM, SO ₂ , VOM, CO, NO _x	1999	N/A	Catalytic Oxidizer	None
Topcoat Oven (P-1-7)	PM, SO ₂ , VOM, CO, NO _x	1999	N/A	Catalytic Oxidizer	None

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. 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.

ii. Compliance Method (Opacity Requirements)

A. Pursuant to Section 39.5(7) (p) of the Act, The Permittee shall conduct quarterly visible emissions observations of each individual stack(s) by using Method 22. If opacity is observed, the Permittee shall conduct opacity testing by using Method 9 within one week.

B. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep records of visible emissions observations and opacity testing.

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, to exceed the allowable emission rates specified in 35 IAC 212.321(c) (See also Section 7.2(a)).

ii. Compliance Method (PM Requirements)

Monitoring

A. Pursuant to Section 39.5(7) (d) of the Act, the Permittee shall perform quarterly inspections of each dry filter.

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As part of the inspections, the Permittee shall perform observations for visible emissions by Method 22. If visible emissions are observed, the Permittee shall take corrective action within 2 hours to return the status of the operations to no visible emissions or observations of opacity by Method 9 shall be conducted within one week. For the purpose of this condition, returning the status of operations to no visible emissions does not include, for any activity, temporary idling or the lack of operations.

Recordkeeping

- B. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep monthly and annual records of solids in applied coatings at the spray booths and dip coating process.
- C. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep monthly and annual hours of operation of each spray booth and dip coating process.
- D. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep monthly and annual actual emissions of PM from each spray booth and dip coating process, with supporting calculations, along with calculations of allowable emissions established by 35 IAC 212.321(a).
- E. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep the control device (dry filters) inspection and maintenance log.

c. i. Sulfur Dioxide Requirements (SO₂)

- A. Pursuant to 35 IAC 214.301, no person shall cause or allow the emission of sulfur dioxide into the atmosphere from the ovens to exceed 2000 ppm.

ii. Compliance Method (SO₂ Requirements)

Recordkeeping

- A. Records that the natural gas quality is equal to pipeline quality natural gas as required by Condition 4.2(2) (g).

d. i. Volatile Organic Material Requirements (VOM)

- A. Pursuant to 35 IAC Part 215 , Subpart F "Coating Operations", the Permittee shall use one of the following compliance options for miscellaneous metal parts coating operations performed on the bumper coating line:
 - Pursuant to 35 IAC 215.204(j) (3), the VOM content, excluding water and any compounds which are specifically exempted from the definition of volatile organic material, in the applied miscellaneous metal parts coatings shall not exceed the following limits:
 - Extreme Performance Coating: 0.42 kg/l (3.5 lb/gal)
 - Clear Coating: 0.52 kg/l (4.3 lb/gal); or
 - Pursuant to 35 IAC 215.205(b), an afterburner used to control VOM emissions shall achieve 81% reduction in the overall emissions and 90% capture efficiency of VOM of an afterburner; or
 - Pursuant to 35 IAC 215.205(c), the system used to control VOM emissions is demonstrated to have control efficiency equivalent to or greater than that provided under the applicable provision of 35 IAC 215.204(j) (3) or 35 IAC 215.205(b).

- B. See Condition 5.1(c) (ii) (A) for the VOM limits established in Construction Permit #98100041.

ii. Compliance Method (VOM Requirements)

Monitoring

- A. Pursuant to 35 IAC 215.208 and Section 39.5(7) (b) of the Act, testing for VOM content of coatings and solvents shall be performed as follows:
- On an annual basis, the VOM content of coatings "as applied" on the bumper coating line shall be determined according to Method 24 of 40 CFR 60 Appendix A.
 - The VOM content of the cleaning solvents applied on the bumper coating line shall be tested annually according to Methods 24 and 24A of 40 CFR 60 Appendix A.
 - This testing may be performed by the supplier of a material provided that the supplier provides documentation for such testing to the Permittee and the Permittee's records directly reflect the application of such material and separately account for any additions of solvent.
- B. Monitoring and testing of the catalytic oxidizer are discussed further in Condition 4.2(2) (h) (ii)

Recordkeeping

- C. Pursuant to Section 39.5(7) (b) of the Act, the Permittee shall keep the following records:

Coating:

- The usage of each coating, in units of gallons/day, gallons/month and gallons/year.
- Density of each coating in units of lb/gallon.
- VOM content of each coating in weight percent.
- The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on the affected coating operations.

Cleanup Solvents:

- VOM content of each cleanup solvent used in lbs/gal.
- Amount of each cleanup solvent used in gal/month and gal/year.

VOM Emissions:

- Monthly and annual VOM emissions from the bumper coating line (ton/mo and ton/yr) based on the daily usage, material data and identification of applicable compliance options, with supporting calculations.

VOM Content Testing (wt.%):

- Identification of material tested;
- Results of analyses or supplier documentation;
- Documentation of analysis methodology; and

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- Person performing analysis.

- e. i. **Carbon Monoxide Requirements (CO)**
- A. See Condition 5.1(a)(ii)(A) for CO limits established in Construction Permit #98100041.
- ii. Compliance Method (CO Requirements)
- See Condition 5.1(a)(ii)(A) for monitoring requirements.
- f. i. **Nitrogen Oxide Requirements (NO_x)**
- See Condition 5.1(b)(ii)(A) for NO_x limits established in Construction Permit #98100041.
- ii. Compliance Method (NO_x Requirements)
- See Condition 5.1(b)(ii)(A) for monitoring requirements.
- g. i. **Operational and Production Requirements**
- A. Pursuant to Section 39.5(7)(a) of the Act, pipeline quality natural gas shall be the only fuel fired in the ovens associated with bumper coating operations.
- ii. Compliance Method (Operational and Production Requirements)
- Recordkeeping
- A. Pursuant to Section 39.5(7)(b), the Permittee shall keep the records of the type of fuel used.
- h. i. **Work Practice Requirements**
- A. Pursuant to Section 39.5(7)(a) of the Act, the catalytic oxidizer shall be in service any time when the bumper coating line is operating and the coatings being applied with the VOM content in excess of the limits established in 35 IAC 215.204(j)(3) and conditions of this permit.
- B. Pursuant to Construction Permit #98100041, the catalytic oxidizer shall be operated to achieve at least 95 percent destruction of VOM entering the device or the destruction efficiency demonstrated during the most recent test.
- C. Pursuant to Construction Permit #98100041, the Permittee shall operate the catalytic oxidizer in accordance with the current version of the written operating procedures.
- D. Pursuant to Construction Permit #98100041 and Section 39.5(7)(a) of the Act, the Permittee shall preheat the catalyst bed to at least 620⁰F temperature before coated product enters the topcoat oven or anti-chip coat oven and shall maintain this temperature or higher while the line is in operation.
- ii. Compliance Method (Work Practice Requirements)
- Monitoring
- A. Pursuant to Construction Permit #98100041, for the catalytic oxidizer, the Permittee shall operate and maintain a continuous temperature monitor for measuring the temperatures before and after the catalyst bed.

- B. Pursuant to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, the bumper coating line and associated catalytic oxidizer are subject to 40 CFR Part 64. The Permittee shall comply with the monitoring requirements of the CAM Plan described in Condition 7.4 and Table 7.4.1, pursuant to 40 CFR Part 64 as submitted in the Permittee's CAM plan application. At all times, the Owner or Operator shall maintain the monitoring, including but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment, pursuant to 40 CFR 64.7(a) and (b).
- C. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall conduct inspection of the catalytic oxidizer, including condition of the catalyst bed, at least every 12 months or during scheduled oxidizer shutdown for routine and non-routine maintenance recommended by oxidizer's manufacturer and/or the plant operating procedures.
- D. Pursuant to Section 39.5(7) (b) of the Act, within 12 months after overall control efficiency test and every 12 months thereafter, the Permittee shall test the catalyst coupons to determine that the capabilities of the catalyst are within manufacturer's accepted capabilities. The catalyst would then be changed based on the manufacturer's suggestion that the catalyst is starting to decrease its effectiveness to the point where they would suggest that the catalyst be changed.

Testing

- E. Pursuant to Section 39.5(7) (b) of the Act, within 12 months after issuance of this permit and every 36 months after scheduled or unscheduled catalyst change, the Permittee shall test the destruction efficiency and overall control efficiency of the catalytic oxidizer by a qualified independent testing service using USEPA Reference Method 18, 25 or 25A, as appropriate.

Recordkeeping

- F. Pursuant to Construction Permit #98100041, the Permittee shall keep on site the manufacturer's recommended practices for catalytic oxidizer maintenance and operation and/or the Permittee's operating procedures for catalytic oxidizer.
- G. Pursuant to Construction Permit #98100041, the Permittee shall keep the log of oxidizer temperature recorded.
- H. Pursuant to Construction Permit #98100041, the Permittee shall keep an operating log for the temperature monitoring system that identifies maintenance and repair activities for this system and any period when the system was not in service when the Permittee is operating the catalytic oxidizer.
- I. Pursuant to Construction Permit #98100041, the Permittee shall keep an operating log for the catalytic oxidizer that identifies times when the catalytic oxidizer was not in service when the non-compliant coating is applied above the limit identified in 35 IAC 215.204(j) (3).
- J. Pursuant to Construction Permit #98100041, the Permittee shall keep a maintenance and repair log for the catalytic oxidizer detailing inspections, maintenance activities and repairs, with date and description of events.
- K. Pursuant to Section 39.5(7) (b), the Permittee shall keep the records of the annual catalyst coupon tests.

- L. Pursuant to Section 39.5(7)(b), the Permittee shall keep the records of the catalytic oxidizer tests.

3. Non-Applicability Determinations

- a. Pursuant to 35 IAC 215.209, no coating line subject to the limitations of 35 IAC 215.204 is required to meet 35 IAC 215.301 or 215.302 after the date by which the coating line is required to meet 35 IAC 215.204.
- b. Pursuant to 35 IAC 215.207(a), only coating lines constructed or modified before July 1, 1979 are subject to an aggregation of emission units option of 35 IAC 215.207.
- c. Ovens are not subject to 35 IAC 216.121, because these emission units are not by definition the fuel combustion emission units.
- d. The seasonal shutdown (from November 1 to April 1) of the catalytic afterburner, as allowed by 35 IAC 215.106, is not applicable to the source, because an afterburner is used to demonstrate compliance with the synthetic minor limits for HAP's in Condition 3.3(c) and, as a result, avoids applicability of the National Emission Standards for Hazardous Air Pollution (NESHAP) for miscellaneous metal coating, 40 CFR Part 63 Subpart Mmmm.
- e. The coating operations performed at the source are not subject to the National Emission Standards for Hazardous Air Pollution (NESHAP) for miscellaneous metal coating, 40 CFR Part 63 Subpart Mmmm, because the source is not considered a major source of HAP's pursuant to Condition 3.3(c)
- f. The bumper coating line not being subject to the New Source Performance Standards (NSPS) for Automobile and Light Duty Truck Surface Coating Operations, 40 CFR Part 60, Subpart MM, because the coating line is not located at an automobile or light-duty truck assembly plant.

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 4.2(2)(a)(i), 4.2(2)(b)(i), 4.2(2)(c)(i), 4.2(2)(d)(i), 4.2(2)(e)(i), 4.2(2)(f)(i) and 4.2(2)(g)(i).
- II. Requirements in Condition 4.2(2)(h)(i).
- B. All such deviations shall be summarized and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).

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- ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Reports 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 Flex-N-Gate - Powder Coating Lines

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>
Powder Coating Booth #1	PM, VOM	1973	N/A	Filters	None
Powder Coating Booth #2	PM, VOM	2005	N/A	Filters	None
Oven	PM, SO ₂ , VOM, CO, NO _x	1973	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.

ii. Compliance Method (Opacity Requirements)

- A. Pursuant to Section 39.5(7) (p) of the Act, The Permittee shall conduct quarterly visible emissions observations of each individual stack(s) by using Method 22. If opacity is observed, the Permittee shall conduct opacity testing by using Method 9 within one week.
- B. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep records of visible emissions observations and opacity testing.

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, to exceed the allowable emission rates specified in 35 IAC 212.321(c) (See also Section 7.2(a)).

B. Pursuant to Construction Permit #05030109, PM emissions from the Powder Booth #2 shall not exceed emission rates of 0.1 lb/hr and 0.44 ton/yr.

ii. Compliance Method (PM Requirements)

Monitoring

A. Pursuant to Section 39.5(7) (d) of the Act, the Permittee shall perform quarterly inspections of each filter.

As part of the inspections, the Permittee shall perform observations for visible emissions by Method 22. If visible emissions are observed, the Permittee shall take corrective action within 2 hours to return the status of the operations to no visible emissions or observations of opacity by Method 9 shall be conducted within one week. For the purpose of this

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condition, returning the status of operations to no visible emissions does not include, for any activity, temporary idling or the lack of operations.

Recordkeeping

- B. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep monthly and annual records of solids in applied coatings on each powder coating booth.
- C. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep monthly and annual hours of operation of each powder coating booth.
- D. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep monthly and annual actual emissions of PM from each powder coating booth, with supporting calculations, along with allowable PM emissions calculated in accordance with 35 IAC 212.321(a).
- E. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep the control device (filters) inspection and maintenance log.

c. i. **Sulfur Dioxide Requirements (SO₂)**

- A. Pursuant to 35 IAC 214.301, no person shall cause or allow the emission of sulfur dioxide into the atmosphere from oven to exceed 2000 ppm.

ii. Compliance Method (SO₂ Requirements)

Recordkeeping

- A. Records that the natural gas quality is equal to pipeline quality natural gas as required by Condition 4.3(2) (g).

d. i. **Volatile Organic Material Requirements (VOM)**

- A. Pursuant to 35 IAC 215.204(j)(3), the VOM content, excluding water and any compounds which are specifically exempted from the definition of volatile organic material, in the applied miscellaneous metal parts coatings shall not exceed the following limits:

- Extreme Performance Coating: 0.42 kg/l (3.5 lb/gal)

- B. Pursuant to Construction Permit #05030109, VOM emissions from the Powder Booth #2 shall not exceed emission rates of 0.1 lb/hr and 0.44 ton/yr.

ii. Compliance Method (VOM Requirements)

Monitoring

- A. Pursuant to 35 IAC 215.208 and Section 39.5(7) (b) of the Act, testing for VOM content of coatings and solvents shall be performed as follows:
 - On an annual basis, the VOM content of coatings "as applied" shall be determined according to Method 24 of 40 CFR 60 Appendix A.
 - The VOM content of the cleaning solvents used shall be tested annually according to Methods 24 and 24A of 40 CFR 60 Appendix A.
 - This testing may be performed by the supplier of a material provided that the supplier provides documentation for such testing to the Permittee and the Permittee's records directly reflect the

application of such material and separately account for any additions of solvent.

Recordkeeping

B. Pursuant to Section 39.5(7) (b) of the Act, the Permittee shall keep the following records:

Coating:

- The usage of each coating, in units of gallons/month and gallons/year.
- Density of each coating in units of lb/gallon.
- VOM content of each coating in weight percent.
- The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day.

Cleanup Solvents:

- VOM content of each cleanup solvent used in lbs/gal.
- Amount of each cleanup solvent used in gal/month and gal/year.

VOM Emissions:

- Monthly and annual VOM emissions from each booth (ton/mo and ton/yr), with supporting calculations.

VOM Content Testing (wt.%):

- Identification of material tested.
- Results of analyses or supplier documentation.
- Documentation of analysis methodology.
- Person performing analysis.

e. i. Carbon Monoxide Requirements (CO)

See Condition 5.1(a) (ii) for CO limits established in Construction Permit #98100041.

ii. Compliance Method (CO Requirements)

See monitoring requirements in Condition 5.1(a) (ii) (A).

f. i. Nitrogen Oxide Requirements (NO_x)

See Condition 5.1(b) (ii) for NO_x limits established in Construction Permit #98100041.

ii. Compliance Method (NO_x Requirements)

See monitoring requirements in Condition 5.1(b) (ii) (A).

g. i. Operational and Production Requirements

A. Pursuant to Section 39.5(7) (a) of the Act, pipeline quality natural gas shall be the only fuel fired in ovens associated with the powder coating booths.

ii. Compliance Method (Operational and Production Requirements)

Recordkeeping

- A. Pursuant to Section 39.5(7)(b), the Permittee shall keep the records of the type of fuel used.

3. Non-Applicability Determinations

- a. Pursuant to 35 IAC 215.209, no coating line subject to the limitations of 35 IAC 215.204 is required to meet 35 IAC 215.301 or 215.302 after the date by which the coating line is required to meet 35 IAC 215.204.
- b. Pursuant to 35 IAC 215.207(a), only coating lines constructed or modified before July 1, 1979 are subject to an aggregation of emission units option of 35 IAC 215.207.
- c. The powder coating line is not subject to the National Emission Standards for Hazardous Air Pollution (NESHAP) for miscellaneous metal coating, 40 CFR Part 63 Subpart Mmmm, because the source is not considered a major source of HAP's pursuant to Condition 3.3(c).
- d. The powder coating line not being subject to the New Source Performance Standards (NSPS) for Automobile and Light Duty Truck Surface Coating Operations, 40 CFR Part 60, Subpart MM, because the coating line is not located at an automobile or light-duty truck assembly plant.
- e. The powder coating line is not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because:
- i. The line does not use an add-on control device to achieve compliance with any emission limitation or standard other than PM.
- ii. Pre-control emissions of PM do not exceed major source threshold.

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 4.3(2)(a)(i), 4.3(2)(b)(i), 4.3(2)(c)(i), 4.3(2)(d)(i), 4.3(2)(e)(i) and 4.3(2)(f)(i).
- II. Requirements in Condition 4.3(2)(g)(i).
- B. All such deviations shall be summarized and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).

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- ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Reports 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.

4.4 Decorative Chrome Plating Line

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>
Pre-dip Tank (Tank 25)	PM, HAP	1990	N/A	None	None
Electroplating Tank (Tank 26)	PM, HAP	1990	N/A	Fume hood (w/composite mesh pad (CMP) (C-1)), CMP Filter (EFC-1), Wetting Agent)	None
Dummy Tank	PM, HAP	2007	N/A	None	None

2. Applicable Requirements

For the emission units in Condition 4.4(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.

ii. Compliance Method (Opacity Requirements)

A. Pursuant to Section 39.5(7) (p) of the Act, The Permittee shall conduct quarterly visible emissions observations of each individual stack(s) by using Method 22. If opacity is observed, the Permittee shall conduct opacity testing by using Method 9 within one week.

B. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep records of visible emissions observations and opacity testing.

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, to exceed the allowable emission rates specified in 35 IAC 212.321(c) (See also Section 7.2(a)).

B. Pursuant to Construction Permit #07040057, PM emissions from the Dummy Tank shall not exceed emission rates of 0.1 lb/hr and 0.44 ton/yr [T1].

ii. Compliance Method (PM Requirements)

Monitoring

A. Pursuant to Section 39.5(7) (d) of the Act, the Permittee shall perform quarterly inspections of each scrubber and filter.

As part of the inspections, the Permittee shall perform observations for visible emissions by Method 22. If visible emissions are observed, the Permittee shall take corrective action within 2 hours to return the status of the operations to no visible emissions or observations of opacity by Method 9 shall be conducted within one week. For the purpose of this condition, returning the status of operations to no visible emissions does not include, for any activity, temporary idling or the lack of operations.

Recordkeeping

- B. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep monthly and annual records of solvents and/or bath solutions added to each tank.
- C. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep monthly and annual hours of operation of each tank.
- D. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep monthly and annual actual emissions of PM for each tank, with supporting calculations, along with allowable emissions by 35 IAC 212.321(a) calculated based on the solvent and/or bath solutions added to each tank.
- E. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep the scrubber's inspection and maintenance log.

c. i. Hazardous Air Pollutant Requirements (HAP)

- A. Pursuant to 40 CFR 63.342(d) (2), for decorative chromium electroplating tanks, the Permittee shall comply with the following chromium emissions discharged to the atmosphere:

If a chemical fume suppressant containing a wetting agent is used, by not allowing the surface tension of the electroplating or anodizing bath contained within the affected source to exceed 45 dynes/cm ($3.1 \times 10^{-3} \text{lb}_f/\text{ft}$) as measured by a stalagmometer or 35 dynes/cm ($2.4 \times 10^{-3} \text{lb}_f/\text{ft}$) as measured by a tensiometer at any time during operation of the tank.

- B. Pursuant to Construction Permit #07040057, HAP emissions from the Dummy Tank shall not exceed 0.01 ton/yr [T1].

ii. Compliance Method (HAP Requirements)

Monitoring

Pursuant to 40 CFR 63.343(c) (5) (ii) and (iii), the Permittee shall fulfill the following monitoring requirements:

- A. 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, appendix A.
- B. 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.

- C. 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, with a decrease in monitoring frequency allowed following the procedures of 40 CFR 63.343(c) (5) (ii) (B) and (C).

Recordkeeping

Pursuant to 40 CFR 63.346, the Permittee shall maintain the following records (all records shall be maintained for a period of 5 years in accordance with 40 CFR 63.10(b) (1)):

- A. Inspection records for the add-on air pollution control device, if such a device is used, and 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.
- B. Records of all maintenance performed on the affected source, the add-on air pollution control device, and monitoring equipment;
- C. Records of the occurrence, duration, and cause (if known) of each malfunction of process, add-on air pollution control, and monitoring equipment;
- D. Records of actions taken during periods of malfunction when such actions are inconsistent with the operation and maintenance plan;
- E. 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);
- F. 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;
- G. 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, add-on air pollution control, or monitoring equipment;
- H. 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;
- I. The total process operating time of the affected source during the reporting period;
- J. For sources using fume suppressants to comply with the standards, records of the date and time that fume suppressants are added to the electroplating or anodizing bath;

- K. Any information demonstrating whether a source is meeting the requirements for a waiver of recordkeeping or reporting requirements, if the source has been granted a waiver under 40 CFR 63.10(f); and
- L. All documentation supporting the notifications and reports required by 40 CFR 63.9, 63.10, and 63.347.

d. i. Operational and Production Requirements

Pursuant to 40 CFR 63.342(f), the Permittee shall follow the following operation and maintenance practices for chromium electroplating:

- A. At all times, including periods of startup, shutdown, and malfunction, owners or operators shall operate and maintain any affected source, including associated air pollution control devices and monitoring equipment, in a manner consistent with good air pollution control practices.
- B. Malfunctions shall be corrected within 30 days after their occurrence.
- C. Determination of whether acceptable operation and maintenance procedures are being used will be based on information available to the Illinois EPA, which may include, but is not limited to, monitoring results; review of the operation and maintenance plan, procedures, and records; and inspection of the source.

ii. Compliance Method (Operational and Production Requirements)

Recordkeeping

- A. See Condition 4.4(2)(e)(ii)

e. i. Operation and Maintenance Plan Requirements

- A. Pursuant to 40 CFR 63.342(f)(3), the Permittee had prepared an Operation and Maintenance Plan and operates decorative chromium operations in accordance with its current version (Version 4.0, September 29, 2003). This Plan is incorporated by reference into this permit.
- B. Pursuant to 40 CFR 63.342(f)(3), the Plan shall include the following elements:
- The plan shall specify the operation and maintenance criteria for the affected source, the add-on air pollution control device (if such a device is used to comply with the emission limits), and the process and control system monitoring equipment, and shall include a standardized checklist to document the operation and maintenance of this equipment;
 - For sources using an add-on control device or monitoring equipment to comply with this subpart, the plan shall incorporate the operation and maintenance practices for that device or monitoring equipment, as identified in Table 1 of 40 CFR 63.342, if the specific equipment used is identified in Table 1 of 40 CFR 63.342;
 - If the specific equipment used is not identified in Table 1 of 40 CFR 63.342, the plan shall incorporate proposed operation and maintenance practices. These proposed operation and maintenance practices shall be submitted for approval as part of the submittal required under 40 CFR 63.343(d);
 - 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

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- The plan shall include a systematic procedure for identifying malfunctions of process equipment, add-on air pollution control devices, and process and control system monitoring equipment and for implementing corrective actions to address such malfunctions.

C. Pursuant to 40 CFR 63.342(f)(3), 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 owner or operator 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, add-on air pollution control device, or monitoring equipment during similar malfunction events, and a program for corrective action for such events.

ii. Compliance Method (Operational and Maintenance Plan Requirements)

Recordkeeping

- A. 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 Illinois EPA 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 Illinois EPA for a period of 5 years after each revision to the plan.
- B. See other recordkeeping requirements of 40 CFR 63.346(b) in Condition 4.4(2)(d)(ii).

3. Non-Applicability Determinations

- a. The decorative chrome plating operations are not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because:
- i. For purposes of HAP emissions, these operations subject to a NESHAP proposed after November 15, 1990, pursuant to 40 CFR 64.2(b)(1)(i).
- ii. For purposes of PM emissions, pre-control emissions do not exceed major source threshold.

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:

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- I. Requirements in Conditions 4.1(2) (a) (i), 4.1(2) (b) (i), 4.1(2) (c) (i), 4.1(2) (d) (i), 4.1(2) (e) (i), 4.1(2) (f) (i) and 4.1(2) (g) (i).
 - II. Requirements in Condition 4.1(2) (h) (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 Reports 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.

b. Federal Reporting

- i. Pursuant to 40 CFR 63.342(f) (3) (iv), if actions taken by the owner or operator 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 owner or operator shall record the actions taken for that event and 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 owner or operator makes alternative reporting arrangements, in advance, with the Administrator.
- ii. Pursuant to 40 CFR 63.347(h), the owner or operator of an affected source that is located at an area source site shall prepare a summary report to document the ongoing compliance status of the affected source. The report shall contain the information identified in 40 CFR 63.347(g) (3), shall be completed annually and retained on site, and made available to the Illinois EPA upon request.
- iii. Pursuant to 40 CFR 63.347(h), if both of the following conditions are met, semiannual reports shall be prepared and submitted to the Illinois EPA:
 - A. The total duration of excess emissions (as indicated by the monitoring data collected by the owner or operator of the affected source in accordance with 40 CFR 63.343(c)) is 1 percent or greater of the total operating time for the reporting period; and
 - B. The total duration of malfunctions of the add-on air pollution control device and monitoring equipment is 5 percent or greater of the total operating time.

4.5 HCL Bulk Storage Tank

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>
8,500 Gallon Hydrochloric Acid Bulk Storage Tank	PM, HAP	1999	N/A	Scrubber	None

2. Applicable Requirements

For the emission units in Condition 4.5(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.

ii. Compliance Method (Opacity Requirements)

A. Pursuant to Section 39.5(7) (p) of the Act, The Permittee shall conduct quarterly visible emissions observations of each individual stack(s) by using Method 22. If opacity is observed, the Permittee shall conduct opacity testing by using Method 9 within one week.

B. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep records of visible emissions observations and opacity testing.

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, to exceed the allowable emission rates specified in 35 IAC 212.321(c) (See also Section 7.2(a)).

ii. Compliance Method (PM Requirements)

Monitoring

A. Pursuant to Section 39.5(7) (d) of the Act, the Permittee shall perform quarterly inspections of the scrubber.

As part of the inspections, the Permittee shall perform observations for visible emissions by Method 22. If visible emissions are observed, the Permittee shall take corrective action within 2 hours to return the status of the operations to no visible emissions or observations of opacity by Method 9 shall be conducted within one week. For the purpose of this condition, returning the status of operations to no visible emissions does not include, for any activity, temporary idling or the lack of operations.

Recordkeeping

- A. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep the control device (scrubber) inspection and maintenance log.

c. i. Hazardous Air Pollutant Requirements (HAP)

- A. See Condition 3.4(a) (i) for HAP limits established in Construction Permit #98100041.

ii. Compliance Method (HAP Requirements)

Recordkeeping

- A. Pursuant to 39.5(7) (b) of the Act, the Permittee shall keep monthly and annual records of HCL usage (ton/mo and ton/yr).
- B. Pursuant to 39.5(7) (b) of the Act, the Permittee shall keep monthly and annual records of HAP emissions (ton/mo and ton/yr) based on the HCL usage, with supporting calculations.

3. Non-Applicability Determinations

- a. The HCL storage tank is not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because pre-control emissions of PM or HAP do not exceed major source threshold.

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 4.5(2) (a) (i), 4.5(2) (b) (i) and 4.5(2) (c) (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 Reports 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.

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- D. Probable cause of the deviation.
- E. Corrective actions or preventative measures taken.

4.6 Natural Gas-Fired Boilers

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>
Boilers B-1 and B-2 (heat input 12.5 mmBtu/hr each)	CO	1999	N/A	None	None

2. Applicable Requirements

For the emission units in Condition 4.6(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.

ii. Compliance Method (Opacity Requirements)

A. Pursuant to Section 39.5(7) (p) of the Act, The Permittee shall conduct annual visible emissions observations of each individual stack(s) by using Method 22. If opacity is observed, the Permittee shall conduct opacity testing by using Method 9 within one week.

B. Pursuant to Section 39.5(7) (a) of the Act, the Permittee shall keep records of visible emissions observations and opacity testing.

b. i. Carbon Monoxide Requirements (CO)

A. Pursuant to 35 IAC 216.121, the emissions of carbon monoxide (CO) into the atmosphere from any fuel combustion emission unit with actual heat input greater than 2.9 MW (10 mmBtu/hr) shall not exceed 200 ppm, corrected to 50 percent excess air.

B. See Condition 5.1(a) (ii) (A) for CO limits established in Construction Permit #98100041.

ii. Compliance Method (CO Requirements)

Monitoring

A. Pursuant to Section 39.5(7) (d), the Permittee shall comply with the following tune-up requirements for each boiler and conduct such tune-ups once every five years after the previous tune-up:

I. As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the Permittee may delay the burner inspection until the next scheduled unit shutdown, but each burner shall be inspected at least once every 36 months).

II. 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.

- III. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly.
- IV. Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available.
- V. Measure the concentrations in the effluent stream of carbon monoxide 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).
- VI. Maintain onsite and submit, if requested by the Illinois EPA, reports containing the following information:
- The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler.
 - A description of any corrective actions taken as a part of the tune-up of the boiler.

Recordkeeping

- A. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep monthly and annual records of natural gas used along with CO emissions from each boiler (ton/mo and ton/yr), with supporting calculations.
- B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep the records of inspections and tune-ups performed.

c. i. Nitrogen Oxide Requirements (NO_x)

- A. See Condition 5.1(b)(ii) for NO_x limits established in Construction Permit #98100041.

ii. Compliance Method (NO_x Requirements)

See Condition 5.1(b)(ii) for monitoring requirements.

3. Non-Applicability Determinations

- a. Pursuant to 35 IAC 218.303, because these are the fuel combustion emission units, the boilers are not subject to 35 IAC Part 218, Subpart G.
- b. Pursuant to 35 IAC 217.141, the existing fuel combustion emission units with an actual heat input less than 73.2 MW (250 mmbtu/hr) are not subject to 35 IAC 217.141(a) through (c).
- c. The boilers are not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because they do not use an add-on control device(s) to achieve compliance with the emission limitations or standards for any regulated air pollutant.
- d. Pursuant to 40 CFR 63.11195(e), the boilers are not subject to 40 CFR 63 Subpart JJJJJJ "National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources", because these boilers are defined as gas-fired unless boilers burn fuel oil not for the purposes of gas curtailment, gas supply

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emergencies or periodic testing on liquid fuels exceeds total of 48 hours per calendar year as defined in 40 CFR 63.11237.

- e. For natural gas-fired boilers, no standards for SO₂ and PM have been established by 40 CFR Part 60 Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.

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 4.6(2)(a)(i), 4.6(2)(b)(i) and 4.6(2)(c)(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 Reports 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 - NSR/PSD Title I Requirements

1. Construction Permits

a. Construction Permit #98100041[T1R]

i. Emission Units and Operations

<i>Section</i>	<i>Emission Units</i>	<i>Pollutants Being Regulated</i>
4.1, 4.2, 4.3 and 4.6	All natural gas-fired units located at 601 Guardian Drive	CO

ii. Applicable Requirements

In addition to the requirements in Section 4 of this permit for the emission units in Condition 5.1(a)(i) 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. Pursuant to Construction Permit #98100041, emissions from the Guardian West facility located at 601 Guardian Drive shall not exceed the following limitations:

Pollutant	Emissions, tons/month	Emissions, tons/year
CO	4.0	35.0

Compliance Method

II. Pursuant to Construction Permit #98100041, 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).

III. Pursuant to Section 39.5(7)(d), the Permittee shall comply with the following tune-up requirements for each boiler or natural gas-fired emission unit and conduct such tune-ups at least once every five years after the previous tune-up:

- As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the Permittee may delay the burner inspection until the next scheduled unit shutdown, but each burner shall be inspected at least once every 36 months).
- 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.
- Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly.
- Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available.
- Measure the concentrations in the effluent stream of

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carbon monoxide 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).

- IV. Maintain onsite and submit, if requested by the Illinois EPA, reports containing the following information:
 - The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up.
- V. Records of inspections and tune-ups performed. A description of any corrective actions taken as a part of the tune-up.
- VI. Pursuant to Section 39.5(7) (b) of the Act, the Permittee shall keep monthly and annual records of natural gas used along with CO emissions from each individual oven, boiler or any natural gas-fired unit described in Conditions 4.1, 4.2, 4.3 and 4.6 (ton/mo and ton/yr), with supporting calculations.

b. Construction Permit #98100041[TLR]

i. Emission Units and Operations

Section	Emission Units	Pollutants Being Regulated
4.1, 4.2, 4.3 and 4.6	All natural gas-fired units located at 601 Guardian Drive	NO _x

ii. Applicable Requirements

In addition to the requirements in Section 4 of this permit for the emission units in Condition 5.1(b)(i) 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. Pursuant to Construction Permit #98100041, emissions from the Guardian West facility located at 601 Guardian Drive shall not exceed the following limitations:

Pollutant	Emissions, tons/month	Emissions, tons/year
NO _x	5.0	45.0

Compliance Method

- II. Pursuant to Pursuant to Construction Permit #98100041, 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).
- III. Pursuant to Section 39.5(7) (d), the Permittee shall comply with the tune-up requirements for each boiler or natural gas-fired emission unit and conduct such tune-ups at least once every five years after the previous tune-up.

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- IV. Records of inspections and tune-ups performed. A description of any corrective actions taken as a part of the tune-up.
- V. Pursuant to Section 39.5(7) (b) of the Act, the Permittee shall keep monthly and annual records of natural gas used along with NO_x emissions from each individual oven, boiler or any natural gas-fired unit described in Conditions 4.1, 4.2, 4.3 and 4.6 (ton/mo and ton/yr), with supporting calculations.

c. Construction Permit #98100041[T1R]

i. Emission Units and Operations

<i>Section</i>	<i>Emission Units</i>	<i>Pollutants Being Regulated</i>
4.1 and 4.2	All coating operations performed at 601 Guardian Drive	VOM

ii. Applicable Requirements

- A. I. Pursuant to Construction Permit #98100041, VOM emissions from all coating operations at the Guardian West facility located at 601 Guardian Drive shall not exceed the following limitations:

Pollutant	Emissions, tons/month	Emissions, tons/year
VOM	15.0	125.0

B. Compliance Method

- I. Pursuant to Construction Permit #98100041, 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).
- II. See sections 4.1 and 4.2 for detailed monitoring, testing and recordkeeping requirements
- III. Pursuant to Section 39.5(7) (b), the Permittee shall keep monthly and annual records of VOM emissions, with supporting calculations. See sections 4.1 and 4.2 for more detailed recordkeeping requirements.

d. 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.

i. Prompt Reporting

- A. I. 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:

Requirements in Conditions 5.1(a) (ii) (A) (I), 5.1(b) (ii) (A) (I) and 5.1(c) (ii) (A) (I).

- II. All such deviations shall be summarized and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).

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- B. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Reports required by Condition 3.5(b).
- C. The deviation reports shall contain at a minimum the following information:
 - I. Date and time of the deviation.
 - II. Emission unit(s) and/or operation involved.
 - III. The duration of the event.
 - IV. Probable cause of the deviation.
 - V. Corrective actions or preventative measures taken.

Section 6 - Insignificant Activities Requirements

1. Insignificant Activities Subject to Specific Regulations

Pursuant to 35 IAC 201.146, this condition is reserved for insignificant activities obligated to comply with Sections 9.1(d) and Section 39.5 of the Act; Sections 165, 173, and 502 of the Clean Air Act; or any other applicable permit or registration requirements. 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:

<i>Insignificant Activity</i>	<i>Number of Units</i>	<i>Insignificant Activity Category</i>
Welders		35 IAC 201.210(a) (1) and 201.211
Burn of Oven		35 IAC 201.210(a) (1) and 201.211
Direct combustion units used for comfort heating and fuel combustion emission units as further detailed in 35 IAC 201.210(a) (4).		35 IAC 201.210(a) (4)
Storage tanks < 10,000 gallon with annual throughput < 100,000 gallon (not storing gasoline or any material listed as a HAP).		35 IAC 201.210(a) (10)
Storage tanks of virgin or rerefined distillate oil, hydrocarbon condensate from natural gas pipeline or storage systems, lubricating oil, or residual fuel oil.		35 IAC 201.210(a) (11)
Die casting machines where metal or plastic is formed under pressure in a die.		35 IAC 201.210(a) (12)
Gas Turbines and Engines between 112 KW and 1,118 KW (150 and 1,500 HP) that are emergency or standby units.		35 IAC 201.210(a) (16)
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.		35 IAC 201.210(a) (17)
Loading and unloading systems for railcars, tank trucks, or watercraft that handle only the following liquid materials provided an organic solvent has not been mixed with such materials: soaps, detergents, surfactants, lubricating oils, waxes, glycerin, vegetable oils, greases, animal fats, sweetener, corn syrup, aqueous salt solutions, or aqueous caustic solutions.		35 IAC 201.210(a) (18)

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 (28) 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).

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- 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 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 214.301, no person shall cause or allow the emission of sulfur dioxide into the atmosphere from any process emission source to exceed 2,000 ppm, except as provided in 35 IAC Part 214.
- d. Pursuant to 35 IAC 215.301, 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 215.302, 215.303, 215.304 and the following exception: If no odor nuisance exists the limitation of 35 IAC 215 Subpart K shall apply only to photochemically reactive material.
- e. Pursuant to 35 IAC 215.122(b), no person shall cause or allow the loading of any organic material into any stationary tank having a storage capacity of greater than 250 gal, unless such tank is equipped with a permanent submerged loading pipe, submerged fill, or an equivalent device approved by the IEPA according to 35 IAC Part 201 or unless such tank is a pressure tank as described in 35 IAC 215.121(a) or is fitted with a recovery system as described in 35 IAC 215.121(b)(2). Exception as provided in 35 IAC 215.122(c): If no odor nuisance exists the limitations of 35 IAC 215.122 shall only apply to the loading of volatile organic liquid with a vapor pressure of 2.5 psia or greater at 70°F.
- f. Pursuant to 35 IAC 215.182, for each cold cleaning degreaser, the Permittee shall comply with the applicable equipment and operating requirements of 35 IAC 215.182, except as provided in 35 IAC 215.181.

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.
- b. Potential to emit emission calculations before any air pollution control device for each insignificant activity.

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), 35 IAC 201.146(kkk), and Sections 39.5(12)(a) and (b) of the Act; 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. A construction permit is not 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.

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- 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), 35 IAC 201.146(kkk), and Sections 39.5(12) (a) and (b) of the Act; 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. A construction permit is not 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 change made in Condition 6.6(a) above.

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. A construction permit is not required.

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. A construction permit 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 39.7(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.

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- 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 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 39.7(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 = 0.53

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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3. 40 CFR 60 Subpart A Requirements (NESHAP)**1. 40 CFR 63 Subpart A and Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks**

Pursuant to 40 CFR 60 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	Yes	General Applicability of the General Provisions	With exception of: 63.1(b)(1); 63.1(b)(3); and 63.1(c)(5)
40 CFR 63.2	Yes	Definitions	
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	With exception of: 63.5(b)(4); 63.5(d)(1)(ii); and 63.5(f)(2)
40 CFR 63.6	Yes	Compliance with Standards and Maintenance Requirements	With exception of: 63.6(b)(7); 63.6(c)(5); 63.6(e); 63.6(f)(1); 63.6(f)(2)(iii); 63.6(h); and 63.6(i)(4)(i)
40 CFR 63.7	Yes	Performance Testing Requirements	With exception of: 63.7(b)(1); 63.7(c); and 63.7(g)(1)
40 CFR 63.8	Yes	Monitoring Requirements	With exception of: 63.8(a)(2); 63.8(a)(4); 63.8(b)(2); 63.8(b)(3); 63.8(c)(1)(i)-(iii); 63.8(c)(2)-(3); 63.8(c)(4)-(7); 63.8(d); 63.8(e); 63.8(f)(2); 63.8(f)(6); and 63.8(g)
40 CFR 63.9	Yes	Notification Requirements	With exception of: 63.9(b)(1)-(iii); 63.9(b)(2)-(5); 63.9(e); 63.9(f); 63.9(f); 63.9(g); 63.9(h)(1)-(3); and 63.9(h)(5)
40 CFR 63.10	Yes	Recordkeeping and Reporting Requirements	With exception of: 63.10(b)(2) and (3); 63.10(c); 63.10(d)(2), (3) and (5); and 63.10(e)
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	No	Performance Track Provisions	

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4. Compliance Assurance Monitoring (CAM) Requirements
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a. CAM Provisionsi. Proper Maintenance

Pursuant to 40 CFR 64.7(b), at all times, the source shall maintain the monitoring, including but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.

ii. Continued Operation

Pursuant to 40 CFR 64.7(c), except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the source shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit (PSEU) is operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of 40 CFR Part 64, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The source shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.

iii. Response to Excursions or Exceedances

A. Pursuant to 40 CFR 64.7(d)(1), upon detecting an excursion or exceedance, the source shall restore operation of the PSEU (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.

B. Pursuant to 40 CFR 64.7(d)(2), determination of whether the source has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include but is not limited to, monitoring results, review of operation and maintenance procedures and records, and inspection of the control device.

b. Monitoring - Monitoring

Pursuant to 40 CFR 64.7(a), the source shall comply with the monitoring requirements of the CAM Plans as described in 5 below, pursuant to 40 CFR Part 64 as submitted in the source's CAM plan application.

c. Monitoring - Recordkeeping

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Pursuant to 40 CFR 64.9(b)(1), the source shall maintain records of the monitoring data, monitor performance data, corrective actions taken, monitoring equipment maintenance, and other supporting information related to the monitoring requirements established for CAM.

d. Monitoring - Reporting

Pursuant to Sections 39.5(7)(b) and (f) of the Act, the source shall submit the following reporting requirements:

i. Semiannual Reporting

As part of the required Semiannual Monitoring Reports, the source shall submit a CAM report including the following at a minimum:

- A. Summary information on the number, duration, and cause of excursions or exceedances, and the corrective actions taken pursuant to 40 CFR 64.6(c)(3) and 64.9(a)(2)(i).
- B. Summary information on the number, duration, and cause for monitoring equipment downtime incidents, other than downtime associated with calibration checks pursuant to 40 CFR 64.6(c)(3) and 64.9(a)(2)(ii).

e. CAM Plans

The following tables contain the CAM Plans in this CAAPP permit:

Table	Emission Unit Section	PSEU Designation	Pollutant
7.4.1	4.2	P-1-4	VOM, HAP
7.4.1	4.2	P-1-7	VOM, HAP

Table 7.4.1 - CAM Plan

Emission Unit Section:	4.2
PSEU Designation:	P-1-4 and P-1-7
Pollutant:	VOM/HAP

Indicators:	#1) Catalyst bed inlet temperature	#2) Catalyst bed outlet temperature
General Criteria		
The Monitoring Approach Used to Measure the Indicators:	Direct measurement of gas stream using a thermocouple	Direct measurement of gas stream using a thermocouple
The Indicator Range Which Provides a Reasonable Assurance of Compliance:	650-800 degrees F per manufacturer's recommended operating range	620-800 degrees F per manufacturer's recommended operating range
Quality Improvement Plan (QIP) Threshold Levels:	N/A	N/A
Performance Criteria		
The Specifications for Obtaining Representative Data:	Installation of type J thermocouple in the catalyst bed inlet stream. The thermocouple accuracy is +/- 0.05% of reading	Installation of type J thermocouple in the catalyst bed inlet stream. The thermocouple accuracy is +/- 0.05% of reading
Verification Procedures to Confirm the Operational Status of the Monitoring:	Continuous temperature recording on strip chart and visual display of temperature reading	Continuous temperature recording on strip chart and visual display of temperature reading
Quality Assurance and Quality Control (QA/QC) Practices that Ensure the Validity of the Data:	Yearly factory service inspection and semiannual calibration check of thermocouple	Yearly factory service inspection and semiannual calibration check of thermocouple
The Monitoring Frequency:	Every 30 seconds the temperature is read and recorded	Every 30 seconds the temperature is read and recorded
The Data Collection Procedures That Will Be Used:	Strip chart from temperature recorder is kept for a minimum of 5 years	Strip chart from temperature recorder is kept for a minimum of 5 years
The Data Averaging Period For Determining Whether an Excursion or Exceedance Has Occurred:	15 minutes	15 minutes

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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)	139.80
Sulfur Dioxide	(SO ₂)	0.21
Particulate Matter	(PM)	4.69
Nitrogen Oxides	(NO _x)	36.20
HAP, not included in VOM or PM	(HAP)	25.00
Total		205.90

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Attachment 1 - List of Emission Units at This Source

<i>Section</i>	<i>Emission Units</i>	<i>Description</i>
4.1	Guardian West - Undercoat Coating Line	Undercoat miscellaneous metal solvent coating spray booth with oven
4.2	Guardian West - Bumper Coating Line	Dip coating tank with oven and six miscellaneous metal solvent coating spray booths with two ovens
4.3	Flex-N-Gate Coating Lines	Two powder coating booths with oven
4.4	Decorative Chrome Plating Line	Three chrome plating tanks
4.5	HCL Bulk Storage Tank	8,500 gallon HCL tank
4.6	Natural Gas-fired Boilers	Two boilers, heat input 12.5 mmBtu/hr each

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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
EAF	Electric arc furnace
ERMS	Emissions Reduction Market System
°F	Degrees Fahrenheit
GHG	Green house gas
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

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lb	Pound
m	Meter
MACT	Maximum Achievable Control Technology
mm	Million
mon	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
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
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

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 #3</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, IL 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, IL 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, IL 62794-9276</p> <p>Phone No.: 217/782-2113</p>
	<p>Illinois EPA, Bureau of Air Regional Office #3 2009 Mall Street Collinsville, IL 62234</p> <p>Phone No.: 618/346-5120</p>
	<p>Illinois EPA, Bureau of Air Permit Section (MC 11) 1021 North Grand Avenue East P.O. Box 19506 Springfield, IL 62794-9506</p> <p>Phone No.: 217/782-2113</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, IL 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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