Attention:

Federal-Mogul Corporation
Attn: Gary Jungenberg, Plant Manager
7450 North McCormick Boulevard
Skokie, Illinois 60076

State of Illinois

CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT

Source:

Federal-Mogul, Sealing Systems
7450 North McCormick Boulevard
Skokie, Illinois 60076

I.D. No.: 031288ABA
Permit No.: 95120060

Permitting Authority:

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

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19506, SPRINGFIELD, ILLINOIS 62794-9506 - (217) 782-2113

PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT

Type of Application:	Renewal
Purpose of Application:	Renew Existing CAAPP Permit for 5 Years
ID No.:	031288ABA
Permit No.:	95120060
Statement of Basis No.:	95120060-1410
Date Application Received:	January 23, 2004
Date Issued:	December 23, 2014
Expiration Date:	December 23, 2019
Renewal Submittal Date:	9 Months Prior to December 23, 2019
Source Name:	Federal-Mogul, Sealing Systems
Address:	7450 North McCormick Boulevard
City:	Skokie
County:	Cook
ZIP Code:	60076

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 John H. Michael at 217/785-1705.

Raymond E. Pilapil

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

REP:MTR:JHM:psj

cc: IEPA, Permit Section
IEPA, FOS, Region 1
Lotus Notes Database1

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Section 1 - Source Information

1. Addresses

Source

Federal-Mogul, Sealing Systems
7450 North McCormick Boulevard
Skokie, Illinois 60076

Owner

Federal-Mogul Corporation
26555 Northwestern Highway
Southfield, Michigan 48034

Operator

Federal-Mogul Corporation
7450 North McCormick Boulevard
Skokie, Illinois 60076

Permittee

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

2. Contacts

Certified Officials

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

	Name	*Title*
Responsible Official	Gary Jungenberg	Plant Manager
Delegated Authority	No other individuals have been authorized by the IEPA.	N/A
Delegated Authority	N/A	N/A

Other Contacts

	Name	*Phone No.*	*Email*
Source Contact	Yvette Borrego	847-568-2598	yvette.borrego@federalmogul.com
Technical Contact	Same	Same	Same
Correspondence	Same	Same	Same
Billing	Same	Same	Same

3. Single Source

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

I.D. No.	*Permit No.*	*Single Source Name and Address*
N/A	N/A	N/A

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

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.

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

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

b. Pursuant to Section 4(b) of the Act and 35 IAC 201.282, every emission source or air pollution control equipment shall be subject to the following testing requirements for the purpose of determining the nature and quantities of specified air contaminant emissions and for the purpose of determining ground level and ambient air concentrations of such air contaminants:

i. Testing by Owner or Operator: The IEPA may require the Owner or Operator of the emission source or air pollution control equipment to conduct such tests in accordance with procedures adopted by the IEPA, at such reasonable times as may be specified by the IEPA and at the expense of the Owner or Operator of the emission source or air pollution control equipment. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of air pollution testing. The IEPA shall have the right to observe all aspects of such tests.

ii. Testing by the IEPA: The IEPA shall have the right to conduct such tests at any time at its own expense. Upon request of the IEPA, the Owner or Operator of the emission source or air pollution control equipment shall provide, without charge to the IEPA, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary.

5. Recordkeeping

a. Control Equipment Maintenance Records

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

b. Retention of Records

i. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. [Section 39.5(7)(e)(ii) of the Act]

ii. Pursuant to Section 39.5(7)(a) of the Act, other records required by this permit including any logs, plans, procedures, or instructions required to be kept by this permit shall be retained for a period of at least 5 years from the date of entry unless a different period is specified by a particular permit provision.

c. Availability of Records

i. Pursuant to Section 39.5(7)(a) of the Act, the Permittee shall retrieve and provide paper copies, or as electronic media, any records retained in an electronic format (e.g., computer) in response to an IEPA or USEPA request during the course of a source inspection.

ii. Pursuant to Section 39.5(7)(a) of the Act, upon written request by the IEPA for copies of records or reports required to be kept by this permit, the Permittee shall promptly submit a copy of such material to the IEPA. For this purpose, material shall be submitted to the IEPA within 30 days unless additional time is provided by the IEPA or the Permittee believes that the volume and nature of

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

6. Certification

a. **Compliance Certification**

i. Pursuant to Section 39.5(7)(p)(v)(C) of the Act, the source shall submit annual compliance certifications by May 1 unless a different date is specified by an applicable requirement or by a particular permit condition. The annual compliance certifications shall include the following:

A. The identification of each term or condition of this permit that is the basis of the certification.

B. The compliance status.

C. Whether compliance was continuous or intermittent.

D. The method(s) used for determining the compliance status of the source, both currently and over the reporting period consistent with the conditions of this permit.

ii. Pursuant to Section 39.5(7)(p)(v)(D) of the Act, all compliance certifications shall be submitted to USEPA Region 5 in Chicago as well as to the IEPA Compliance Section. Addresses are included in Attachment 3.

iii. Pursuant to Section 39.5(7)(p)(i) of the Act, all compliance reports required to be submitted shall include a certification in accordance with Condition 2.6(b).

b. **Certification by a Responsible Official**

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

7. Permit Shield

a. Pursuant to Section 39.5(7)(j) of the Act, except as provided in Condition 2.7(b) below, the source has requested and has been granted a permit shield. This permit shield provides that compliance with the conditions of this permit shall be deemed compliance with applicable requirements which were applicable as of the date the proposed permit for this source was issued, provided that either the applicable requirements are specifically identified within this permit, or the IEPA, in acting on this permit application, has determined that other requirements specifically identified are not applicable to this source and this determination (or a concise summary thereof) is included in this permit. This permit shield does not extend to applicable requirements which are promulgated after to be determined November 6, 2014 (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 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 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 provides for equipment relocation, this permit is void for the operation or activity of any item of equipment on the date it is removed from the permitted location(s) or permanently shut down. This permit expires if all equipment is removed from the permitted location(s), notwithstanding the expiration date specified on this permit.

13. Startup, Shutdown, and Malfunction

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

Section 3 - Source Requirements

1. Applicable Requirements

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

a. Fugitive Particulate Matter

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

ii. Compliance Method (Fugitive Particulate Matter)

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

b. Emissions Reduction Market System (ERMS)

Pursuant to 35 IAC Part 205, this source is considered a "participating source" for purposes of the ERMS. The allotment of ATUs to this source is 118 ATUs per seasonal allotment period The Permittee shall comply with all applicable requirements in Section 7.3 of this permit.

c. Ozone Depleting Substances

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

i. Pursuant to 40 CFR 82.156, persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices.

ii. Pursuant to 40 CFR 82.158, equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment.

iii. Pursuant to 40 CFR 82.161, persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program.

iv. Pursuant to 40 CFR 82 Subpart B, any person performing service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner shall comply with 40 CFR 82 Subpart B, Servicing of Motor Vehicle Air Conditioners.

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

d. Asbestos Demolition and Renovation

i. Asbestos Fees. Pursuant to Section 9.13(a) of the Act, for any site for which the Owner or Operator must file an original 10-day notice of intent to renovate or demolish pursuant to Condition 3.1(d)(ii) below and 40 CFR 61.145(b), the owner or operator shall pay to the IEPA with the filing of each 10-day notice a fee of $150.

ii. Pursuant to 40 CFR 61 Subpart M, Standard of Asbestos, prior to any demolition or renovation at this facility, the Permittee shall fulfill notification requirements of 40 CFR 61.145(b).

iii. Pursuant to 40 CFR 61.145(c), during demolition or renovation, the Permittee shall comply with the procedures for asbestos emission control established by 40 CFR 61.145(c).

e. NESHAP Standards (40 CFR 63 Subpart JJJJJJ)

Pursuant to 40 CFR 63.11196(a)(3), no later than March 21, 2014, the source must:

i. Meet the applicable general provisions of 40 CFR 63 Subpart A. See Condition 7.4(a).

ii. Have a one-time energy assessment performed on the source as specified in 40 CFR 63 Subpart JJJJJJ Table 2 Condition 4, pursuant to 40 CFR 63.11201(b).

f. Future Emission Standards

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

2. Applicable Plans and Programs

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

a. Fugitive PM Operating Program

i. Pursuant to 35 IAC 212.309, this source shall be operated under the provisions of Fugitive PM Operating Program prepared by the Permittee and submitted to the IEPA for its review. The Fugitive PM Operating Program shall be designed to significantly reduce fugitive particulate matter emissions, pursuant to 35 IAC 212.309(a). The Permittee shall comply with the Fugitive PM Operating Program and any amendments to the Fugitive PM Operating Program submitted pursuant to Condition 3.2(a)(ii). As a minimum, the Fugitive PM Operating Program shall include provisions identified in 35 IAC 212.310(a) through (g) and the following:

A. A detailed description of the best management practices utilized to achieve compliance with 35 IAC 212.304 through 212.308.

B. Estimated frequency of application of dust suppressants by location.

C. Such other information as may be necessary to facilitate the IEPA's review of the Fugitive PM Operating Program.

ii. Pursuant to 35 IAC 212.312, the Fugitive PM Operating Program shall be amended from time to time by the Permittee so that the Fugitive PM Operating Program is current. Such amendments shall be consistent with the requirements set forth by this Condition 3.2(a) and shall be submitted to the IEPA within 30 days of such amendment. Any future revision to the Fugitive PM Operating Program made by the Permittee during the permit term is automatically incorporated by reference provided the revision is not expressly disapproved, in writing, by the IEPA within 30 days of receipt of the revision. In the event that the IEPA notifies the Permittee of a deficiency with any revision to the Fugitive PM Operating Program, the Permittee shall be required to revise and resubmit the Fugitive PM Operating Program within 30 days of receipt of notification to address the deficiency pursuant to Section 39.5(7)(a) of the Act.

iii. The Fugitive PM Operating Program, as submitted by the Permittee on December 17,1987 is incorporated herein by reference. The document constitutes the formal Fugitive PM Operating Program required under 35 IAC 212.310, addressing the control of fugitive particulate matter emissions from all plant roadways, including the iron-making and steel-making roads, storage piles, access areas near storage piles, and other subject operations located at the facility that are subject to 35 IAC 212.309.

iv. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep a copy of the Fugitive PM Operating Program, any amendments or revisions to the Fugitive PM Operating Program (as required by Condition 3.2(a)), and the Permittee shall also keep a record of activities completed according to the Fugitive PM Operating Program.

b. PM_{10} Contingency Measure Plan

Should this source become subject to 35 IAC 212.700, then the Permittee shall prepare and operate under a PM_{10} Contingency Measure Plan reflecting the PM_{10} 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 PM_{10} Contingency Measure Plan.

c. Episode Action Plan

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

d. Risk Management Plan (RMP)

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

compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan, as part of the annual compliance certification 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. Pursuant to Section 39.5(7)(a) of the Act, total emissions of HAPs from the source shall not exceed the following limits established below:

Pollution	Limits (Tons/Year)
Individual HAP	8.0
Total HAP's	20.0

b. Pursuant Section 39.5(7)(c) of the Act, compliance with the 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 months total).

c. Pursuant Section 39.5(7)(b) of the Act, the Permittee shall keep records of the total emissions (tons/month and tons/year) of individual and total HAPs, with supporting documentation/calculation and calculated based on the group of emission unit(s) presented in Section 4 of this permit.

5. Reporting Requirements

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

a. Prompt Reporting

i. A. Pursuant to Section 39.5(7)(f)(ii) of the Act, the Permittee shall promptly notify the IEPA, Air Compliance Section, within 30 days of deviations from applicable requirements as follows:

I. Requirements in Conditions 3.1(a)(i), 3.1(b), 3.1(c), 3.1(d), 3.1(e).

II. Requirements in Conditions 3.2(a).

III. Requirements in Condition 3.4.

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

ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Report required by Condition 3.5(b).

iii. The deviation reports shall contain at a minimum the following information:

A. Date and time of the deviation.

B. Emission unit(s) and/or operation involved.

C. The duration of the event.

D. Probable cause of the deviation.

E. Corrective actions or preventative measures taken.

iv. All deviation reports required in this Permit shall be identified, summarized, and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).

b. **Semiannual Reporting**

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

Monitoring Period	Report Due Date
January through June	July 31
July through December	January 31

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

c. **Annual Emissions Reporting**

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

Section 4 - Emission Unit Requirements

4.1 Plastic Bead Blaster

1. Emission Units and Operations

Emission Units	*Pollutants Being Regulated*	*Original Construction Date*	*Modification/ Reconstruction Date*	*Air Pollution Control Devices or Measures*	*Monitoring Devices*
M8 Universal Plastic Bead Blaster	PM	04/1986	N/A	Dust Collector CD5	None
M73 Universal Plastic Bead Blaster	PM	01/2003	N/A	Dust Collector CD30	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)

Monitoring

A. Pursuant to Sections 39.5(7)(b) and (d) of the Act, the Permittee shall perform visible emission observations from each individual stack or activity in accordance with Method 22 for visible emissions at least once every calendar year. If visible emissions are observed, the Permittee shall take corrective action within 4 hours of such observation. Corrective action may include, but is not limited to, shut down of the affected bead blaster and/or maintenance and repair. If corrective action was taken the Permittee shall perform a follow-up observation for visible emissions in accordance with Method 22. If visible emissions continue, then measurements of opacity in accordance with Method 9 and Section 7.1 shall be conducted within 7 days in accordance with Condition 2.4.

Recordkeeping Requirements

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

C. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep records for all Method 9 opacity measurements and visible emissions observation made in accordance with Condition 4.1.2(a)(ii)(A) above.

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 Section 7.2).

ii. Compliance Method (PM Requirements)

Recordkeeping

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

I. The hours of operation for the shot blasters, hr/mo and hr/yr.

II. Shot usage of the shot blasters, lb/mo and ton/yr.

III. Keep monthly and annual actual emissions of PM, with supporting calculations, along with allowable emissions by 35 IAC 212.321(a).

c. i. **Operational and Production Requirements**

A. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall on a quarterly basis inspect the Dust Collectors CD5 and CD30.

ii. Compliance Method (Operational and Production Requirements)

A. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of the following items

I. Records for inspection of the dust collector with date, individual performing the inspection, and nature of inspection; and

II. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.

3. Non-Applicability Determinations

a. The bead blasters is not subject to 35 IAC 212.324, Process Emission Units In Certain Areas, because the source is not located in a non-attainment area for PM10, as identified in 35 IAC 212.324(a)(1).

b. The bead blasters are not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because each bead blaster does not have potential pre-control device emissions of the applicable regulated air pollutant that equals or exceeds major source threshold levels

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).

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

ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Report required by Condition 3.5(b).

iii. The deviation reports shall contain at a minimum the following information:

A. Date and time of the deviation.

B. Emission unit(s) and/or operation involved.

C. The duration of the event.

D. Probable cause of the deviation.

E. Corrective actions or preventative measures taken.

4.2 Uncontrolled Gasket Coating Lines

1. Emission Units and Operations

Emission Units	*Pollutants Being Regulated*	*Original Construction Date*	*Modification/ Reconstruction Date*	*Air Pollution Control Devices or Measures*	*Monitoring Devices*
Coating Line CO4					
OC4-1 5 Black Brothers Model #220-875 Roller Coater (Coater 754)	VOM, PM	1979	N/A	None	None
OC4-2 M & M Research Oven System - North (Coater 754)	VOM, SO_2	July, 1979	N/A	None	None
OC4-3 M & M Research Oven System - South (Coater 754)	VOM, SO_2	July, 1987	N/A	None	None
OC4-4 3 Economatic Silk Screen Printers (Coater 754)	VOM, PM	Between 1979 and 1987	N/A	None	None
OC4-5 M & M Research Ultra Violet Curing Oven (#555) (Coater 754)	VOM	October, 1987	N/A	None	None
OC4-6 Black Brothers Roller-Coater (for 754, Offline)	VOM, PM	November, 1979	N/A	None	None
Coating Line CO7					
OC7-1 SVECIA Preheat Oven (Coater 762)	VOM, SO_2	October, 1995	N/A	None	None
OC7-2 SVECIA Curing Oven (Coater 762)	VOM, SO_2	June, 1989	N/A	None	None
OC7-3a, b 2 SVECIA Silk Screen Printers (Coater 762)	VOM, PM	June, 1989	N/A	None	None
OC7-4 Black Brothers Model #60C530 Roller-Coater (for 762, Offline)	VOM, PM	January, 1985	N/A	None	None
Coating Line CO8					
OC8-2 XericWeb Model #97.138 Curing Chamber (Coater 185(017))	VOM	March, 1998	N/A	None	None
OC8-3 4 EKRA Silk Screens (Coater 185(017))	VOM, PM	1985	N/A	None	None
Coating Line CO9					
OC9-1 Oven System Inc. Curing Oven (Coater 064)	VOM, SO_2	November, 1995	N/A	None	None
OC9-2 Oven System Inc. Curing Oven (Coater 064)	VOM, SO_2	November, 1995	N/A	None	None

Emission Units	*Pollutants Being Regulated*	*Original Construction Date*	*Modification/ Reconstruction Date*	*Air Pollution Control Devices or Measures*	*Monitoring Devices*
OC9-3 3 Black Brothers Roller-Coaters (Coater 064)	VOM, PM	November, 1995	N/A	None	None
Coating Line C013					
OC13-1 M & M Research Preheat Oven (Coater 204(180))	VOM, SO_2	March, 1985	N/A	None	None
OC13-2 Fusion System U.V. Curing Oven - North (Coater 204(180))	VOM, SO_2	March, 1985	Feb,2003	None	None
OC13-3 Ray Paul Industry Model #4808.4.4 Oven - North (Coater 204(180))	VOM, SO_2	October, 1995	N/A	None	None
OC13-4 Fusion System U.V. Curing Oven - South (Coater 204(180))	VOM, SO_2	March, 1985	Feb,2003	None	None
OC13-5 Ray Paul Industry Model #4820-4 Oven - South (Coater 204(180))	VOM, SO_2	October, 1995	N/A	None	None
OC13-6 2 Black Brothers Roller-Coaters (Coater 204(180))	VOM, PM	March, 1985	N/A	None	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)

Monitoring

A. Pursuant to Sections 39.5(7)(b) and (d) of the Act, the Permittee shall perform annual visible emission observations of each individual stack or activity in accordance with Method 22 for visible emissions at least once every calendar year. If visible emissions are observed, the Permittee shall take corrective action within 4 hours of such observation. Corrective action may include, but is not limited to, shut down of the operation, maintenance and repair, and/or adjustment of fuel usage. If corrective action was taken, the Permittee shall perform a follow up observation for visible emissions in accordance with Method 22. If visible emissions continue, then measurements of opacity in accordance with Method 9, the procedures in 40 CFR 60.11 and Section 7.1 of this permit shall be conducted within 7 days in accordance with Condition 2.4.

Recordkeeping Requirements

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

C. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep records for all Method 9 and Method 22 opacity measurements and visible emissions observation made in accordance with Condition 4.2.2(a)(ii)(A) above.

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, 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 subsection (c) of 35 IAC 212.321(See Condition 7.2).

ii. Compliance Method (PM Requirements)

Recordkeeping

A. 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 gasket coating line.

B. Pursuant to Section 39.5(7)(a) of the Act, the Permittee shall keep monthly and annual hours of operation of the gasket coating line.

C. 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).

c. i. Sulfur Dioxide Requirements (SO_2)

A. 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 natural gas fired oven to exceed 2000 ppm.

ii. Compliance Method (SO_2 Requirements)

The monitoring requirements sufficient to meet 39.5(7)(d)(ii) of the Act are addressed by the operational and production requirements in Condition 4.2.2(f).

d. i. Volatile Organic Material Requirements (VOM)

A. Pursuant 35 IAC 218.204(q)(1)(G)(i)) the Permittee shall not apply at any time any coating in which the VOM content exceeds either of the following emission limitations for Miscellaneous Metal Parts and Products Coating/Extreme Performance Coating Air Dried:

		Solids Applied	
(kg/l)	(lb/gal)	(kg/l)	(lb/gal)
0.42	3.50	0.80	6.67

B. Pursuant 35 IAC 218.204(q)(1)(G)(ii)) the Permittee shall not apply at any time any coating in which the VOM content exceeds either of the following emission limitations for Miscellaneous Metal Parts and Products Coating/Extreme Performance Coating Baked

		Solids Applied	
(kg/l)	(lb/gal)	(kg/l)	(lb/gal)
0.36	3.0	0.61	5.06

C. Pursuant to Permit #95120060 VOM emission shall not exceed the following limits: [T1]

I.

Item of Equipment	Volatile Organic Material Emissions (Lb/Hr)	(Tons/Yr)
Screen Printing Cell (OC7)	0.68	2.07

II.

Item of Equipment	Volatile Organic Material Emissions (Tons/Mo)	(Tons/Yr)
Coating Line #754 (OC4)	1.07	6.40
Head Gasket Cell #2 (OC9)	0.83	5.00

III.

Item of Equipment	Volatile Organic Material Emissions (Tons/Mo)	(Tons/Yr)
Solvent Cleanup Operation	1.55	9.27

ii. Compliance Method (VOM Requirements)

Monitoring

A. Pursuant to 39.5(7)(a) of the Act, 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).

Testing

B. Pursuant to 35 IAC 218.105(a), 218.211(a), and Section 39.5(7)(b) of the Act, testing for VOM content of coatings and cleanup solvents shall be performed as follows:

I. On an annual basis, the VOM content of coatings "as applied" on the Gasket Coating Lines shall be determined according to Methods 24 and 24A of 40 CFR 60 Appendix A and the procedures of 35 IAC 218.105(a).

II. The VOM content of the cleaning solvents used on each paint spray booth shall be tested annually according to Methods 24 and 24A of 40 CFR 60 Appendix A and the procedures of 35 IAC 218.105(a), 218.208, and 218.211(a).

III. 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. [35 IAC 218.105(a), 218.208, and 218.211(a)]

Recordkeeping

Coating:

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

I. The usage of each coating, in units of gallons/month and gallons/year.

II. Density of each coating in units of lb/gallon.

III. VOM content of each coating in weight percent.

IV. 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:

V. VOM content of each cleanup solvent used in lbs/gal.

VI. Amount of each cleanup solvent used in gal/month and gal/year.

VOM Content Testing:

VII. Identification of material tested;

VIII. Results of analyses or supplier documentation;

IX. Documentation of analysis methodology; and

X. Person performing analysis.

e. 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 Gasket Coating Lines.

B. Pursuant to Permit #95120060 the Coating Line Operation Limits shall not exceeded the following limits:

Item of Equipment	Operating Hours (Hours/Year)
Screen Printing Cell (OC7)	6,120

ii. Compliance Method (Operational and Production Requirements)

Recordkeeping

A. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall record that pipeline quality natural gas is the only fuel used.

B. Pursuant to Section 39.5(7)(b), the Permittee shall keep the records of the each Coating Line Operating Hours(hours/month and hours/year).

3. Non-Applicability Determinations

a. The curing and drying ovens on the coating lines are not subject to 35 IAC 216.121, Emissions of Carbon Monoxide from Fuel Combustion Emission Units, because the actual heat input of each unit is less than 2.9 MW (10 mmBtu/hr) and the curing and drying ovens are not by definition fuel combustion emission units.

b. The coating lines are not subject to 35 IAC 212.324, Process Emission Units In Certain Areas, because the source is not located in a non-attainment area for PM10, as identified in 35 IAC 212.324(a)(1).

c. Pursuant 35 IAC 218.209 No owner or operator of a coating line subject to the limitations of 35 IAC 218.204 is required to meet the limitations of 35 IAC 218.301 or 218.302, Use of Organic Material.

d. The gasket coating lines are not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because each gasket coating lines does add-on control device emissions of the applicable regulated air pollutant that equals or exceeds major source threshold levels

e. The Gasket Coating Lines are not subject to 40 CFR 63 Subpart A and Subpart MMMM—National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products because the source is not major source of HAPs emissions.

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) and 4.2.2(f)(i).

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

ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Report required by Condition 3.5(b).

iii. The deviation reports shall contain at a minimum the following information:

A. Date and time of the deviation.

B. Emission unit(s) and/or operation involved.

C. The duration of the event.

D. Probable cause of the deviation.

E. Corrective actions or preventative measures taken.

4.3 Rubber Molding Adhesive Room

1. Emission Units and Operations

Emission Units	*Pollutants Being Regulated*	*Original Construction Date*	*Modification/ Reconstruction Date*	*Air Pollution Control Devices or Measures*	*Monitoring Devices*
Coating Line M52					
M52-1 Binks Spray Booth and Drying Rack with in a(PTE) Permanent Total Enclosure	PM, SO_2, VOM	October, 1995	N/A	Thermal Oxidizer CO2 and Filter CF2	Thermocouple
M52-2 Thomas Equipment Drying Rack and Dip Tanks with in a(PTE) Permanent Total Enclosure	PM, SO_2, VOM	October, 1995	N/A	Thermal Oxidizer CO2	Thermocouple
M52-3 Thomas Equipment Wash Tank and Drying Hood with in a(PTE) Permanent Total Enclosure	PM, SO_2, VOM	October, 1995	N/A	Thermal Oxidizer CO2	Thermocouple

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)

Monitoring

A. Pursuant to Sections 39.5(7)(b) and (d) of the Act, the Permittee shall perform annual visible emission observations of each individual stack, control device, or activity in accordance with Method 22 for visible emissions at least once every calendar year. If visible emissions are observed, the Permittee shall take corrective action within 4 hours of such observation. Corrective action may include, but is not limited to, shut down of the operation, maintenance and repair, and/or adjustment of fuel usage. If corrective action was taken, the Permittee shall perform a follow up observation for visible emissions in accordance with Method 22. If visible emissions continue, then measurements of opacity in accordance with Method 9, the procedures in 40 CFR 60.11 and Section 7.1 of this permit shall be conducted within 7 days in accordance with Condition 2.4.

Recordkeeping Requirements

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

C. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep records for all Method 9 and Method 22 opacity measurements and visible emissions observation made in accordance with Condition 4.3.2(a)(ii)(A) above.

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).

ii. Compliance Method (PM Requirements)

Recordkeeping

A. Pursuant to Section 39.5(7)(a) of the Act, the Permittee shall keep monthly and annual records of solids in applied coatings for M52 Rubber Molding Adhesive Room.

B. Pursuant to Section 39.5(7)(a) of the Act, the Permittee shall keep monthly and annual hours of operation of M52 Rubber Molding Adhesive Room.

C. 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).

c. i. **Sulfur Dioxide Requirements (SO_2)**

A. 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 2000 ppm.

ii. Compliance Method (SO_2 Requirements)

The monitoring requirements sufficient to meet 39.5(7)(d)(ii) of the Act are addressed by the operational and production requirements in Condition 4.3.2(f).

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

A. Pursuant to Construction Permit #95030084 VOM emission from the M53 Rubber Molding Adhesive Room shall not exceed the following limits: [T1]

Material	Material Usage (Lbs/Hr)	VOM Emissions (Lb/Hr)	VOM Emissions (Tons/Yr)
Adhesives	1.16	0.052	0.23
Thinner/Cleaner	4.25	0.215	0.94
		Total	1.17

ii. Compliance Method (VOM Requirements)

Monitoring

A. Pursuant to 39.5(7)(a) of the Act, compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).

Recordkeeping

B. Pursuant to 39.5(7)(a) of the Act the Permittee shall maintain record of VOM emission tons/month and tons/year, with supporting documentation and calculations

g. i. **Operational and Production Requirements**

A. Pursuant to 35 IAC 218.207(n)(1) the coating lines shall be equipped with a capture system and control device that provides at least 90 percent reduction in the overall emissions of VOM from the coating lines.

B. Pursuant to 35 IAC 218.207(a) when the Coating Lines are processing non-compliant coating the Coating capture systems and control devices are in operation.

C. Pursuant to 35 IAC 218.105(d)(2) the Permittee must install, calibrate, operate and maintain, in accordance with manufacturer's specifications, a continuous recorder on the temperature monitoring device, such as a strip chart, recorder or computer, having an accuracy of ± 1 percent of the temperature measured in degrees Celsius or ± 0.5°C, whichever is greater.

D. 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 Rubber Molding Adhesive Rooms, Thermal Oxidizers.

ii. Compliance Method (Operational and Production Requirements)

Testing

A. Pursuant Section 39.5(7)(b) of the ACT, Control system efficiency shall determine within one year of the issue of this permit and once every five-year thereafter as follow:

I. Capture Control Efficiency

1. Pursuant to 35 IAC 218.105(c)(1)(A), Coating Line Capture Control a permanent total enclosure (PTE)shall comply with the requirements of Method 204 of appendix M of 40 CFR 51.

II. Control Device Efficiency

1. Pursuant to 35 IAC 218.105(d)(1), the control device efficiency shall be determined by simultaneously measuring the inlet and outlet gas phase VOM concentrations and gas volumetric flow rates in accordance with the gas phase test methods specified in 35 IAC 218.105(f).

III. Overall Efficiency and Operating Limits

1. Pursuant to 35 IAC 218.105(e), overall efficiency of the emission control system shall be determined as the product of capture system efficiency and the control device efficiency.

Recordkeeping

B. Pursuant to Section 39.5(7)(b) and (e) of the Act, the Permitted shall maintain the following records:

I. Capture Control and Control Device testing

1. Identification of Capture Control and Control Device tested.

2. Results of analyses.

3. Documentation of analysis methodology.

4. Person performing analysis.

C. Pursuant to 35 IAC 218.211(e)(2), the Permittee shall collect all the following information each day for each coating line and maintain the information at the facility for a period of three years:

I. Control device monitoring data.

II. A log of operating time for the capture system, control device, monitoring equipment and the associated coating line.

III. A maintenance log for the capture system, control device and monitoring equipment detailing all routine and non-routine maintenance performed including dates and duration of any outages.

D. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall record that natural gas is equal to pipeline quality natural gas.

h. i. **Work Practice Requirements**

A. Pursuant to 39.5(7)(b) of the ACT, the Permittee shall inspect Particulate Control Filter (CF2) once per operating day to replace filter as required.

B. Pursuant to 39.5(7)(d) of the Act, the Permittee shall follow good operating practices and procedures for the spray application equipment filters including monthly inspections, monthly maintenance, and repair of defects will be started within 24 hours of detection unless the repair requires a scheduled outage at which time the repair shall be made).

ii. Compliance Method (Work Practice Requirements)

Recordkeeping

A. Pursuant to 39.5(7)(a), the Permittee shall maintain maintenance, repair, and inspection logs for the coating lines and filter control systems.

3. Non-Applicability Determinations

a. 212.324, Process Emission Units In Certain Areas, because the source is not located in a non-attainment area for PM_{10}, as identified in 35 IAC 212.324(a)(1).

b. Pursuant 35 IAC 218.209 No owner or operator of a coating line subject to the limitations of 35 IAC 218.204 is required to meet the limitations of 35 IAC 218.301 or 218.302, Use of Organic Material, after the date by which the coating line is required to meet 35 IAC 218.204.

c. The M52 coating line m are not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because each M52 coating line does not have potential pre-control device emissions of the applicable regulated air pollutant that equals or exceeds major source threshold levels

d. The Gasket Coating Lines are not subject to 40 CFR 63 Subpart A and Subpart MMMM—National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products and Subpart PPPP—National Emission Standards for Hazardous Air

Pollutants for Surface Coating of Plastic Parts and Products because the source is not major source of HAPs emissions.

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),4.3.2(f)(i) and 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).

ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Report required by Condition 3.5(b).

iii. The deviation reports shall contain at a minimum the following information:

A. Date and time of the deviation.

B. Emission unit(s) and/or operation involved.

C. The duration of the event.

D. Probable cause of the deviation.

E. Corrective actions or preventative measures taken.

4.4 Natural Gas Boilers (> 10 mmBtu/hr)

1. Emission Units and Operations

Emission Units	*Pollutants Being Regulated*	*Original Construction Date*	*Modification/ Reconstruction Date*	*Air Pollution Control Devices or Measures*	*Monitoring Devices*
Titusville #7671 Natural Gas Fired Boiler (13.40 mmBtu/hr) B1	CO	January, 1962	N/A	None	None
Titusville #7672 Natural Gas Fired Boiler (13.40 mmBtu/hr) B2	CO	January, 1962	N/A	None	None
Reliance Model #400RW Natural Gas Fired Boiler (13.40 mmBtu/hr) B10	CO	July, 1970	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)

Monitoring

A. Pursuant to Sections 39.5(7)(b) and (d) of the Act,the Permittee shall perform annual visible emission observations of each individual stack or activity in accordance with Method 22 for visible emissions at least once every calendar year. If visible emissions are observed, the Permittee shall take corrective action within 4 hours of such observation. Corrective action may include, but is not limited to, shut down of the operation, maintenance and repair, and/or adjustment of fuel usage. If corrective action was taken, the Permittee shall perform a follow up observation for visible emissions in accordance with Method 22. If visible emissions continue, then measurements of opacity in accordance with Method 9, the procedures in 40 CFR 60.11 and Section 7.1 of this permit shall be conducted within 7 days in accordance with Condition 2.4.

Recordkeeping

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

C. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep records for all Method 9 and Method 22 opacity measurements and visible emissions observation made in accordance with Condition 4.4.2(a)(ii)(A) above.

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.

ii. Compliance Method (CO Requirements)

See Condition 4.4(2)(d)

c. i. Operational or 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 boiler.

ii. Periodic Monitoring Compliance Method (Operational or Production Requirements)

Recordkeeping

A. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of the type and amount of fuel fired in the boiler (scf/yr). These records shall be kept on a rolling 12 month sum, based on the current month's records plus the preceding 11 months.

3. Non-Applicability Determinations

a. The boilers are not subject to the National Emission Standards for Hazardous Air Pollution (NESHAP) for Industrial, Commercial, and Institutional Boilers Area Sources, 40 CFR Part 63 Subpart JJJJJJ, because the boilers are not subject to that subpart as the affected boilers are considered gas-fired boilers, pursuant to 40 CFR 63.11195(e), as defined in 40 CFR 63.11237: gas-fired boilers includes any boiler that burns gaseous fuels not combined with any solid fuels, burns liquid fuel only during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

b. The boilers are not subject to the Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60 Subpart A and Dc because the boilers were constructed prior to June 9, 1989.

c. The boilers are not subject to 35 IAC 212.206 and 35 IAC 214.161 because the boilers use natural gas exclusively.

d. 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.

e. The boilers are not subject to 35 IAC 217.141 because the heat input of the boilers are less than 250 mmBtu/hr.

f. The boilers are not subject to 35 IAC 217 Subparts D and E, because each boiler heat input is less than 100 mmBtu/hr.

g. The boilers are not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because the boilers do not use an add-on control device to achieve compliance with an emission limitation or standard.

4. Other Requirements

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

5. Reporting Requirements

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

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 Condition 4.4.2(a)(i), 4.4.2(b)(i), 4.4.2(c) and 4.4.2(d)(i).

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

ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Report required by Condition 3.5(b).

iii. The deviation reports shall contain at a minimum the following information:

A. Date and time of the deviation.

B. Emission unit(s) and/or operation involved.

C. The duration of the event.

D. Probable cause of the deviation.

E. Corrective actions or preventative measures taken.

4.5 Natural Gas Boilers (< 10 mmBtu/hr)

1. Emission Units and Operations

Emission Units	*Pollutants Being Regulated*	*Original Construction Date*	*Modification/ Reconstruction Date*	*Air Pollution Control Devices or Measures*	*Monitoring Devices*
Natural Gas Fired Boiler (3.10 mmBtu/hr)B4		July, 1972	N/A	None	None
Natural Gas Fired Boiler (6.30 mmBtu/hr) B9		November, 1989	N/A	None	None
Natural Gas Fired Boiler (4.30 mmBtu/hr) B11	PM/PM_{10}, SO_2 VOM, CO, and NO_x	December, 2009	N/A	None	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)

Monitoring

A. Pursuant to Sections 39.5(7)(b) and (d) of the Act,the Permittee shall perform annual visible emission observations of each individual stack or activity in accordance with Method 22 for visible emissions at least once every calendar year. If visible emissions are observed, the Permittee shall take corrective action within 4 hours of such observation. Corrective action may include, but is not limited to, shut down of the operation, maintenance and repair, and/or adjustment of fuel usage. If corrective action was taken, the Permittee shall perform a follow up observation for visible emissions in accordance with Method 22. If visible emissions continue, then measurements of opacity in accordance with Method 9, the procedures in 40 CFR 60.11 and Section 7.1 of this permit shall be conducted within 7 days in accordance with Condition 2.4

Recordkeeping

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

C. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep records for all Method 9 and Method 22 opacity measurements and visible emissions observation made in accordance with Condition 4.5.2(a)(ii)(A) above.

b. i. Particulate Matter Requirements (PM/PM_{10})

A. Pursuant to Construction Permit #09040022 PM/PM_{10} emissions from Boiler B11 combined shall not exceed 0.1 lb/hr and 0.40 tons/year. [T1]

ii. Compliance Method (PM Requirements)

A. Pursuant to Construction Permit #09040022, compliance with Boiler B11, PM/PM_{10} 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). [T1]

Recordkeeping

B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of the PM/PM_{10} emissions from the Boiler B11 including supporting calculations (lb/hr and ton/year).

c. i. Sulfur Dioxide Requirements (SO_2)

A. Pursuant to Construction Permit #09040022 SO_2 emissions from Boiler B11 combined shall not exceed 0.1 lb/hr and 0.40 tons/year. [T1]

ii. Compliance Method (SO_2 Requirements)

A. Pursuant to Construction Permit #09040022, compliance with Boiler B11, SO_2 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). [T1]

Recordkeeping

B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of the SO_2 emissions from the Boiler B11 including supporting calculations (lb/hr and ton/year).

d. i. Volatile Organic Material Requirements (VOM)

A. Pursuant to Construction Permit #09040022, emissions from Boiler B11 combined shall not exceed 0.1 lb/hr and 0.40 tons/year. [T1]

ii. Compliance Method (VOM Requirements)

A. Pursuant to Construction Permit #09040022, compliance with Boiler B11 VOM 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). [T1]

Recordkeeping

B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of the VOM emissions from the Boiler B11 including supporting calculations (lb/hr and ton/year).

e. i. Carbon Monoxide Requirements (CO)

A. Pursuant to Construction Permit #09040022, CO emissions from Boiler B11 combined shall not exceed 0.4 lb/hr and 1.6 tons/year. [T1]

ii. Compliance Method (CO Requirements)

A. Pursuant to Construction Permit #09040022, compliance with Boiler B11, CO 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). [T1]

Recordkeeping

B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of the CO emissions from the Boiler B11, including supporting calculations (lb/hr and ton/year).

f. i. Nitrogen Oxide Requirements (NO_x)

A. Pursuant to Construction Permit #09040022 NO_x emissions from Boiler B11 combined shall not exceed 0.4 lb/hr and 1.9 tons/year. [T1]

ii. Compliance Method (NO_x Requirements)

A. Pursuant to Construction Permit #09040022, compliance with Boiler B11, NO_x 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). [T1]

Recordkeeping

B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of the NO_x emissions from the Boiler B11 including supporting calculations (lbs/hour and tons/year).

g. i. Operational and Production Requirements

A. Pursuant to Section 39.5(7)(a) of the Act, natural gas shall be the only fuel fired by boilers.

ii. Compliance Method (Operational and Production Requirements)

Recordkeeping

A. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of the type of fuel fired in the boiler.

B. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records of the natural gas usage from the boiler (mmscf/month and mmscf/year).

3. Non-Applicability Determinations

a. Pursuant to 40 CFR 60.40c(a), the boiler is not subject to the New Source Performance Standards (NSPS) for, 40 CFR Part 60 Subpart Dc, because the boiler does not have a maximum design heat input capacity greater than or equal to 2.9 MW (10 million Btu/hr).

b. The boilers are not subject to the National Emission Standards for Hazardous Air Pollution (NESHAP) for Industrial, Commercial, and Institutional Boilers Area Sources, 40 CFR Part 63 Subpart *JJJJJJ*, because the boilers are not subject to that subpart as the affected boilers are considered gas-fired boilers, pursuant to 40 CFR 63.11195(e), as defined in 40 CFR 63.11237: gas-fired boilers includes any boiler that burns gaseous fuels not combined with any solid fuels, burns liquid fuel only during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

c. Pursuant to 35 IAC 212.206, PM emission standard, is not applicable to the boiler because the boiler burns natural gas exclusively.

d. Pursuant to 35 IAC 214.301, SO_2 emission standard, is not applicable to the boiler because the boiler is not a process emission unit.

e. Pursuant to 35 IAC 216.121, CO emission standard, is not applicable to fuel combustion emission units with actual heat input less than 10 mmBtu/hr.

f. Pursuant to 35 IAC 217.141, NO_x emission standard, is not applicable to the boiler because actual heat input is less than 250 mmBTU/hr.

g. Pursuant to 35 IAC 218.303, fuel combustion emission units are not subject to 35 IAC Part 218, Subpart G, Use of Organic Material.

h. The boiler is not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources for any regulated pollutant, because the boiler does not use an add-on control device to achieve compliance with an emission limitation or standard.

4. Other Requirements

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

5. Reporting Requirements

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

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), 4.5.2(c)(i), 4.5.2(d)(i), 4.5.2(e)(i), 4.5.2(f)(i), 4.5.2(g)(i) and 4.5.2(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 Report required by Condition 3.5(b).

iii. The deviation reports shall contain at a minimum the following information:

A. Date and time of the deviation.

B. Emission unit(s) and/or operation involved.

C. The duration of the event.

D. Probable cause of the deviation.

E. Corrective actions or preventative measures taken.

4.6 Liquid Elastomer Molding (LEM) Line

1. Emission Units and Operations

Liquid Elastomer Molding (LEM) Line (OC-14) with in a permanent total enclosure. (PTE)					
Emission Units	*Pollutants Being Regulated*	*Original Construction Date*	*Modification/ Reconstruction Date*	*Air Pollution Control Devices or Measures*	*Monitoring Devices*
OC14-1 Dip Tank	PM, VOM	December, 2003	N/A	Thermal Oxidizer CO6	Thermocouples, Differential Pressure Transmitter
OC14-2 Heated Air Dryer	PM, SO_2	December, 2003	N/A	Thermal Oxidizer CO6	Thermocouples, Differential Pressure Transmitter

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

Monitoring

A. Pursuant to Sections 39.5(7)(b) and (d) of the Act, the Permittee shall perform annual visible emission observations of each individual stack, control device, or activity in accordance with Method 22 for visible emissions at least once every calendar year. If visible emissions are observed, the Permittee shall take corrective action within 4 hours of such observation. Corrective action may include, but is not limited to, shut down of the operation, maintenance and repair, and/or adjustment of fuel usage. If corrective action was taken, the Permittee shall perform a follow up observation for visible emissions in accordance with Method 22. If visible emissions continue, then measurements of opacity in accordance with Method 9, the procedures in 40 CFR 60.11 and Section 7.1 of this permit shall be conducted within 7 days in accordance with Condition 2.4.

Recordkeeping Requirements

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

C. Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall keep records for all Method 9 and Method 22 opacity measurements and visible emissions observation made in accordance with Condition 4.6.2(a)(ii)(A) above

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)

ii. Compliance Method (PM Requirements)

Recordkeeping

A. 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 Liquid Elastomer Molding (LEM) Line.

B. Pursuant to Section 39.5(7)(a) of the Act, the Permittee shall keep monthly and annual hours of operation of the Liquid Elastomer Molding (LEM) Line.

C. 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).

c. i. **Sulfur Dioxide Requirements (SO_2)**

A. 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 2000 ppm.

ii. Compliance Method (SO_2 Requirements)

A. The monitoring requirements sufficient to meet 39.5(7)(d)(ii) of the Act are addressed by the operational and production requirements in Condition 4.2.2(f).

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

A. Pursuant to Construction Permit #03090022, VOM emission from the coating Line shall not exceed the following limits: [T1]

Activity	VOM Emissions (Lbs/Month)	(Tons/Year)
Coating	250	1.23
Clean Up	70	0.33

B. Pursuant to 40 CFR 60.462(a)(2), the Coating Line(OC-14) shall not cause to be discharged into the atmosphere more than 0.14 kg VOC/l of coating solids applied for each calendar month for OC-14 facility that continuously uses an emission control device(s) operated at the most recently demonstrated overall efficiency.

C. Pursuant to 40 CFR 60.462(a)(3), the Coating Line(OC-14) shall not cause to be discharged into the atmosphere more than 10 percent of the VOC's applied for each calendar month (90 percent emission reduction) for OC-14 that continuously uses an emission control device operated at the most recently demonstrated overall efficiency.

ii. Compliance Method (VOM Requirements)

Monitoring

A. Pursuant to Construction Permit #03090022, compliance with limits shall be determined applying the demonstrated control efficiency to the uncontrolled emissions, less VOM accounted for in waste sent for offsite disposal or recycling. 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). [T1]

Recordkeeping

B. Pursuant to Construction Permit #03090022, the Permittee shall maintain records of the following items for the coating line: [T1]

I. Records of the testing of VOM content of coatings and solvents which include the following:

1. Identification of material tested;

2. Results of analysis;

3. Documentation of analysis methodology; and

4. Person performing analysis.

II. Records of the testing of the efficiency of each capture system and control device which include the following:

1. The date, place and time of sampling or measurements;

2. The date(s) analyses were performed;

3. The company or entity that performed the analyses;

4. The analytical techniques or methods used;

5. The results of such analyses; and

6. The operating conditions as existing at the time of sampling or measurement.

III. Pursuant to 35 IAC 218.211(e)(2), the following information collected and recorded each day and maintain the information at the source for a period of three years:

1. Control device monitoring data;

2. A log of operating time for the capture system, control device, monitoring equipment and the associated emission source; and

3. A maintenance log for the capture system, control device and monitoring equipment detailing all routine and non-routine maintenance performed including dates and duration of any outages.

IV. Records addressing use of good operating practices for the oxidizer:

1. Records for periodic inspection of the oxidizer with date, individual performing the inspection, and nature of inspection; and

2. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.

V. Records related to usage and VOM content of materials

1. Records of the amount of and coating added to the affected coating line, gallons/month and gallons/year;

2. The VOM content of coatings, lbs per gallon;

3. Density of coatings, lbs/gallons;

4. Records of the amount of coating and solvent recovered from the affected coating line, gallons/month and gallons/year;

5. The solvent usage for the affected coating line, by type, thinning and cleaning, gallons/month and gallons/year;

6. Density of solvents, lbs/gallon; and

VI. The monthly and aggregate annual VOM emissions from the affected coating line based on the above records and the level of control provided by the oxidizer, with supporting calculations.

VII. Records specified in 40 CFR 63.10(b)(3).

e. i. Operational and Production Requirements

A. Pursuant to Construction Permit #03090022, the oxidizer combustion chambers shall be preheated to at least the manufacturer's recommended temperature but no less than the temperature at which compliance was demonstrated in the most recent compliance test, or 1400°F in the absence of a compliance test. This temperature shall be maintained during operation of the coating line. [T1]

B. Pursuant to Construction Permit #03090022, the coating line shall only be operated with natural gas as the fuel in the oxidizer. [T1]

C. Pursuant to Construction Permit #03090022, the capture system and oxidizer shall be operated to achieve an overall VOM control efficiency of at least 95% for the coating line. [T1]

D. Pursuant to 35 IAC 218.105(d)(2)(A)(i), the Permittee shall use Illinois EPA and USEPA approved continuous monitoring equipment which is installed, calibrated, maintained, and operated according to vendor specifications at all times the oxidizer is in use. The continuous monitoring equipment must monitor for each oxidizer the temperature rise across each oxidizer bed or VOM concentration of exhaust.

E. Pursuant to 35 IAC 281.207(b)(1), the coating line is equipped with a capture system and control device that provides 81 percent reduction in the overall emissions of VOM from the coating line and the control device has a 90 percent efficiency.

F. Pursuant to 35 IAC 218.105 (d) (2) (A) (i),the Permittee shall use Illinois EPA and USEPA approved continuous monitoring equipment which is installed, calibrated, maintained, and operated according to vendor specifications at all times the oxidizer is in use. The continuous monitoring equipment must monitor for each oxidizer combustion chamber temperature

ii. Compliance Method (Operational and Production Requirements)

Testing

A. Pursuant Section 39.5(7)(b) of the ACT, capture system efficiency shall be determined within one year of the issue of this permit and once every five-year thereafter as follow:

Capture Control Efficiency

I. Pursuant to 35 IAC 218.105(c)(1)(A)and 40 CFR 63.5160(e)(1), the Coating Line Capture Control a permanent total enclosure (PTE) shall comply with the requirements of Method 204 of Appendix M of 40 CFR 51.

Control Device Efficiency

II. Pursuant to 35 IAC 218.105(d)(1), the control device efficiency shall be determined by simultaneously measuring the inlet and outlet gas phase VOM concentrations and gas volumetric flow rates in accordance with the gas phase test methods specified in 35 IAC 218.105(f).

III. Control device destruction efficiency and operation limits determined according to 40 CFR 63.5160(d)(1) through (3).

Overall Efficiency

IV. Pursuant to 35 IAC 218.105(e) Overall efficiency of the emission control system shall be determined as the product of capture system efficiency and the control device efficiency.

B. Pursuant to 40 CFR 60.643(c),the Permittee shall use the applicable procedures 40 CFR 60.643(c)(2) for each Coating Line that continuously uses a capture system and a control device that destroys VOC's (e.g., incinerator) to comply with the emission limit specified under Condition 4.6.2(d)(i)(B)and (C):

Recordkeeping

C. Pursuant to Construction Permit #03090022, the Permittee shall maintain records of the following items for the affected coating line: [T1]

I. Records of the testing of VOM content of coatings and solvents which include the following:

1. Identification of material tested;

2. Results of analysis;

3. Documentation of analysis methodology; and

4. Person performing analysis.

II. Records of the testing of the efficiency of each capture system and control device, which include the following:

1. The date, place and time of sampling or measurements;

2. The date(s) analyses were performed;

3. The company or entity that performed the analyses;

4. The analytical techniques or methods used;

5. The results of such analyses; and

6. The operating conditions as existing at the time of sampling or measurement.

D. Pursuant to 35 IAC 218.211(e)(2), the following information collected and recorded each day and maintain the information at the source for a period of three years:

I. Control device monitoring data;

II. A log of operating time for the capture system, control device, monitoring equipment and the associated emission source; and

III. A maintenance log for the capture system, control device and monitoring equipment detailing all routine and non-routine maintenance performed including dates and duration of any outages.

E. Records addressing use of good operating practices for the oxidizer:

I. Records for periodic inspection of the oxidizer with date, individual performing the inspection, and nature of inspection; and

II. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.

3. Non-Applicability Determinations

a. The drying ovens are not subject to 35 IAC 216.121, Emissions of Carbon Monoxide from Fuel Combustion Emission Units, or 35 IAC 217.121, Emissions of Nitrogen Oxides from New Fuel Combustion Emission Units, because the drying ovens are not by definition fuel combustion emission units.

b. Pursuant 35 IAC 218.209, no owner or operator of a coating line subject to the limitations of 35 IAC 218.204 is required to meet the limitations of 35 IAC 218.301 or 218.302, Use of Organic Material, after the date by which the coating line is required to meet 35 IAC 218.204.

c. The Liquid Elastomer Molding (LEM) Line is not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because Liquid Elastomer Molding (LEM) Line does not have potential pre-control device emissions of the applicable regulated air pollutant that equals or exceeds major source threshold levels

d. The Liquid Elastomer Molding (LEM) Line is not subject to 40 CFR 63 Subpart A and Subpart SSSS—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Coil because the source is not major source of HAPs emissions.

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), 4.6.2(c)(i), 4.6.2(d)(i),4.6.2(e),4.6.2(f)(i),4.6.2(h)(i) and 4.6.2(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 Report required by Condition 3.5(b).

iii. The deviation reports shall contain at a minimum the following information:

A. Date and time of the deviation.

B. Emission unit(s) and/or operation involved.

C. The duration of the event.

D. Probable cause of the deviation.

E. Corrective actions or preventative measures taken.

4.7 Die Lubrication Operation (Punch Presses)

1. Emission Units and Operations

Emission Units	*Pollutants Being Regulated*	*Original Construction Date*	*Modification/ Reconstruction Date*	*Air Pollution Control Devices or Measures*	*Monitoring Devices*
Die Lubrication Operation (Punch Presses)	VOM	12/2009	N/A	None	None

2. Applicable Requirements

For the emission units in Condition 4.7.1 above, the Permittee shall comply with the following applicable requirements pursuant to 39.5(7)(a), 39.5(7)(b), and 39.5(7)(d) of the Act.

a. i. Volatile Organic Material Requirements (VOM)

A. Pursuant to 35 IAC 218.301 Emissions from the individual die lubrication operation are subject to 35 IAC 218.301, which provides that no person shall cause or allow the discharge of more than 3.6 kg/hour (8 lbs/hour) of organic material into the atmosphere from any emission source, except as provided in 35 IAC 218.302, 218.303, 218.304 and the following exception: If no odor nuisance exists the limitation of this Subpart shall apply only to photochemically reactive material.

B. Pursuant to Construction Permit #09070006, emissions of VOM from the die lubrication, in total, shall not exceed 1.3 tons per month and 10 tons per year. [T1]

ii. Compliance Method (VOM Requirements)

Monitoring

A. Pursuant Construction Permit #09070006, compliance with annual limits, be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running total of 12 months of data). [T1]

Recordkeeping

B. Pursuant Construction Permit #09070006, the Permittee shall maintain the following records for the die lubrication operations:

I. Emissions of VOM (tons/month and tons/year) with supporting data and calculations.

b. i. Operational and Production Requirements

A. Pursuant Construction Permit #090700063, the VOM usage for die lubrication, in total, shall not exceed 2,600 pounds per month and 20,000 pounds per year.

ii. Compliance Method (Operational and Production Requirements)

Monitoring

A. Pursuant Construction Permit #09070006, 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 total of 12 months of data).

Recordkeeping

B. Pursuant Construction Permit #09070006, the Permittee shall maintain the following records for the die lubrication operations:

I. VOM usage for die lubrication process (lbs/month and lbs/year).

3. Non-Applicability Determinations

a. This permit is issued based on the affected operations not being subject to 35 IAC 218, Subpart TT. This is because the VOM emissions of the source do not meet the applicability criteria of 35 IAC 218.980(b), i.e., the potential VOM emissions of units that contribute to applicability of 35 IAC Part 218, Subpart TT, are less than 25 tons per year

b. The Die Lubrication Operations are not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because each bead blaster does not have potential pre-control device emissions of the applicable regulated air pollutant that equals or exceeds major source threshold levels

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 4.7.2(a)(i) and 4.7.2(b)(i).

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

ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Report required by Condition 3.5(b).

iii. The deviation reports shall contain at a minimum the following information:

A. Date and time of the deviation.

B. Emission unit(s) and/or operation involved.

C. The duration of the event.

D. Probable cause of the deviation.

E. Corrective actions or preventative measures taken.

Section 5 - Additional Title I Requirements

1. Construction Permits

a. Construction Permit #09070006 [T1]

i. Emission Units and Operations

Section	*Emission Units*	*Pollutants Being Regulated*
4 and 6	Solvent Clean Up	VOM
	Printing (Flexo and Litho combined)	VOM
	Liquid Elastomer Molding (LEM) Clean up	VOM
	Post Cure Ovens	VOM
	Die Lubrication	VOM

ii. Applicable Requirements

In addition to the requirements in Section 4 and 6 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 Condition 4b

The VOM emissions of the emission unit(s) at the source that contribute to applicability of 35 IAC 218, Subpart TT, shall not exceed the following limits:

Emission Unit(s)	Emission Limits	
	Tons/Month	Tons/Year
Clean up	3.0	22.1
Die Lubrication		

Compliance Method

II. Pursuant to Condition 3c, compliance with these annual limits, in Condition 4(b), shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running total of 12 months of data).

III. Pursuant to Condition 5b, the Permittee shall maintain the following records for the emission units that contribute to applicability of 35 IAC Part 218, Subpart TT:

A. VOM usage with VOM content of each material used (lbs/month and lbs/year).

B. Emissions of VOM (tons/month and tons/year) with supporting data and calculations.

Section 6 - Insignificant Activities Requirements

1. Insignificant Activities Subject to Specific Regulations

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

Insignificant Activity	*Number of Units*	*Insignificant Activity Category*
Emergency diesel engine to power a fire water pump	1	35 IAC 201.210(a)(16)

a. i. Pursuant to 40 CFR 63.6595(a)(1), the Permittee shall comply with the applicable emission limitations, and operating limitations of 40 CFR 63 Subpart ZZZZ no later than May 3, 2013. There are no applicable emission limitations or operating limitations for existing emergency RICE at area sources of HAPs.

ii. Compliance Method (HAP Requirements)

Monitoring

A. Pursuant to 63.6640(a), the Permittee shall demonstrate continuous compliance with the work practice requirements in Condition 6.1(c)(i)(B).

Recordkeeping

B. Pursuant to 40 CFR 63.6655(d), the Permittee shall keep records required by Table 6 of Subpart ZZZZ to show continuous compliance with each applicable work practice requirement in Condition 6.1(c)(i)(A).

I. Records demonstrating that the Permittee operates and maintains the stationary RICE according to the manufacturer's emission-related maintenance instructions; or

II. Records demonstrating that the Permittee developed and follows its own maintenance plan which shall provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

C. Pursuant to 40 CFR 63.6655(e), the Permittee shall keep records of the maintenance conducted on the stationary RICE in order to demonstrate that the stationary RICE has been operated and maintained according to the site-specific maintenance plan.

b. i. **Operational and Production Requirements**

A. Pursuant to 40 CFR 63.6604, beginning January 1, 2015, if the emergency stationary RICE is operated or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in Conditions 6.1(b)(i)(B)(II)(2) & (3) below or that operates for the purpose specified in Condition 6.1(b)(i)(B)(III)(2) below, the Permittee shall use diesel fuel that meets the requirements in 40 CFR 80.510(b) for non-road diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted.

B. Pursuant to 40 CFR 63.6640(f), the Permittee shall operate the emergency stationary RICE according to the requirements in Conditions 6.1(b)(i)(B)(I) through (III). In order for the engine to be considered an emergency stationary RICE under 40 CFR 63 Subpart ZZZZ, any operation other than emergency operation, maintenance and testing, emergency demand response, and

operation in non-emergency situations for 50 hours per year, as described in Conditions 6.1(b)(i)(B)(I) through (III), is prohibited. If the Permittee does not operate the engine according to the requirements in Conditions 6.1(b)(i)(B)(I) through (III), the engine will not be considered an emergency engine under 40 CFR 63 Subpart ZZZZ and shall meet all requirements for non-emergency engines.

I. There is no time limit on the use of emergency stationary RICE in emergency situations.

II. The emergency stationary RICE may be operated for any combination of purposes specified in Condition 6.1(b)(i)(B)(II) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed under Condition 6.1(b)(i)(B)(III) counts a part of the 100 hours per calendar year allowed by Condition 6.1(b)(i)(B)(II):

1. Maintenance checks and readiness testing of emergency units is limited to 100 hours per year, provided the checks are recommended by Federal, State, or local government, or the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The Permittee may petition for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the Permittee maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.

2. Emergency stationary RICE may be operated for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see 40 CFR 63.14), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.

3. Emergency stationary RICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.

III. Emergency stationary RICE located at area sources of HAP may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in Condition 6.1(b)(i)(B)(II). Except as provided in Condition 6.1(b)(i)(B)(III)(1)&(2) of this section, the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

1. Prior to May 3, 2014, the 50 hours per year for non-emergency situations can be used for peak shaving or non-emergency demand response to generate income for a facility, or to otherwise supply power as part of a financial arrangement with another entity if the engine is operated as part of a peak shaving (load management program) with the local distribution system

operator and the power is provided only to the facility itself or to support the local distribution system.

2. The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:

a. The engine is dispatched by the local balancing authority or local transmission and distribution system operator.

b. The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

c. The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

d. The power is provided only to the facility itself or to support the local transmission and distribution system.

e. The Permittee identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

ii. Compliance Method (Operational and Production Requirements)

Recordkeeping

A. Pursuant 40 CFR 63.6655(f), the Permittee shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The Permittee shall document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for the purposes specified in Condition 6.1(b)(i)(B)(II)(2) or (3) or Condition 6.1(b)(i)(B)(III)(2), the Permittee shall keep records of the notification of the emergency situation, and the date, start time, and end time the engine was operated for these purposes.

c. i. **Work Practice Requirements**

A. Pursuant to 40 CFR 63.6625(e), the Permittee shall operate and maintain the engine according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

B. Pursuant to 40 CFR 63.6603(a) and Table 2d, Row 4 of 40 CFR 63 Subpart ZZZZ, the Permittee shall:

I. Change oil and filter every 500 hours of operation or annually, whichever comes first.

II. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary.

III. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

IV. If the emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under federal, state, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under federal, state, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under federal, state, or local law has abated.

C. Pursuant to 40 CFR 63.6625(i), the Permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in 40 CFR Subpart ZZZZ Table 2d.

D. Pursuant to 40 CFR 63.6640(a) and 40 CFR 63 Subpart ZZZZ Table 6 Row 9, the Permittee shall perform the following Work Practice:

I. Operating and maintaining the engines according to the manufacturer's emission-related operation and maintenance instructions; or

II. Develop and follow its own maintenance plan which shall provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

E. Pursuant to 40 CFR 63.6625(f), the Permittee shall install a non-resettable hour meter if one is not already installed.

ii. Compliance Method (Work Practice Requirements)

Monitoring

A. Pursuant to 40 CFR 63.6625(i), if the Permittee utilizes an oil analysis program in order to extend the specified oil change requirement in Condition 6.1(c)(i)(B)(I), the Permittee shall perform the following:

I. The oil analysis shall be performed at the same frequency specified for changing the oil in 40 CFR Subpart ZZZZ Table 2d.

II. The analysis program shall at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content.

III. The condemning limits for the parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5.

IV. If all of the condemning limits are not exceeded, the Permittee is not required to change the oil. If any of the limits are exceeded, the Permittee shall change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the

Permittee shall change the oil within 2 business days or before commencing operation, whichever is later.

V. The analysis program shall be part of the maintenance plan for the engine.

Recordkeeping

B. Pursuant to 40 CFR 63.6625(i), if the Permittee utilizes an oil analysis program in order to extend the specified oil change requirement in Condition 6.1(c)(i)(B)(I), the Permittee shall keep records of the parameters that are analyzed as part of the oil analysis program, the results of the analysis, and the oil changes.

d. Start-up Requirements

i. Pursuant to 40 CFR 63.6625(h), the Permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

e. Federal Reporting

i. Pursuant to 40 CFR 63.6650(a) and Table 7, Row 4 of 40 CFR 63 Subpart ZZZZ, beginning with calendar year 2015, if the emergency stationary RICE is operated or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in Conditions 6.1(b)(i)(B)(II)(2) and (3) or that operates for the purpose specified in Condition 6.1(b)(i)(B)(III)(2), the Permittee shall report the information in 40 CFR 63.6650(h)(1) annually according to the requirements in 40 CFR 63.6650(h)(2) and (3).

2. Insignificant Activities in 35 IAC 201.210(a)

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

Insignificant Activity	*Number of Units*	*Insignificant Activity Category*
Antistick Applicator 989 OC15	1	201.211(a)
Autobaggers M4-1 to M4-16	16	201.210(a)2,3
Battery Charging Units	45	201.210(a)2,3
C-200 Coating Line 643	1	201.211(a)
CNC Mill	1	201.210(a)2,3
CNC Mills 3170, 2151	2	201.210(a)2,3
Coating Mixer M72	1	201.211(a)
Cork LAM Curing	1	201.210(a)2,3
Diesel Engine - 160 hp Emergency diesel powered fire pump	1	201.210(a)16
Engraving Laser 49	1	201.210(a)2,3
Exhaust Rings Former (802) M12	1	201.210(a)2,3
Flexographic Printing Lines	3	201.210(a)14
Gasket Flattener (545) M14	1	201.210(a)2,3
Glass Bead Blaster (2935,2818) M107, M108	2	201.210(a)2,3
HRAF Laminators (627, 252) M35.1, 35.2	2	201.210(a)2,3
Ink Jet Sprayers (Bldg 20) P3-1 to P3-4	4	201.210(a)14

Insignificant Activity	*Number of Units*	*Insignificant Activity Category*
John Deere Heat Shield	1	201.210(a)2,3
Laser M60, M69	2	201.211(a)
Laser Sample Production M28.1 to M28.4	4	201.211(a)
Laser Welder	1	201.211(a)
Laser Welding (905, 190) M77, M78	2	201.211(a)
Lithographic Printing Line P2-1	1	201.210(a)14
Manual Ink Stamping	4	201.210(a)14
"Metal Cleaning Process Lines (Blue and Green lines)" C10, C11	2	201.210(a)2,3
Misc. Hot Water Heaters Natural gas fired water heaters ranging in size from 53,000 to 1,800,000 BTU.	11	201.210(a)4
Misc. Space Heaters Natural gas fired space heaters ranging in size from 40,000 to 560,000 BTU.	46	201.210(a)4
Nitrile Rubber Molding Machines (MG)	3	201.211(a)
Overhead Drying Line 613	1	201.210(a)2,3
Pre-Heat Oven V57	1	201.210(a)2,3
Pre-Heat Oven V67	1	201.210(a)2,3
Punch Press 932 Mechanical press cuts or assembles fibrous material	1	201.210(a)2,3
Punch Presses Bldgs 1, 3, 8, 13, 14, 18	36	201.210(a)2,3
Repair Arc Welder (in maintenance) M31	1	201.211(a)
Robotic Laser Cutter controlled by DC (Vents Indoors)	2	201.210(a)2,3
Rule Die Laser (Paper) Dust Collector	1	201.210(a)2,3
Shrink Film Packaging M27.1 to 27.8	8	201.210(a)2,3
Silicone Mixer	1	201.211(a)
Silicone Rubber Mixing (444) MG Bldg R11	1	201.211(a)
Silicone Rubber Mold Machine Bldg 8	1	201.211(a)
Silk Screen Printers Bldg 1	4	201.210(a)14
Silk Screen Printers Bldg 15	3	201.210(a)14
Spot Welders (3152, 530, 680) M74, M75, M76	3	201.210(a)2,3
Storage Tank for Diesel Fire Pump - 250 gallons	1	201.210(a)11
Tumbler 638 Bldg 14	1	201.211(a)
Turret Press 532 Bldg18	1	201.210(a)2,3
Wabash Press Laminators (026, 801) M30, M31	2	201.210(a)2,3
Wire Ring Welders (469, 482, 061) M32, M33, M34	3	201.211(a)

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).

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 218.301, no person shall cause or allow the discharge of more than 8 lbs/hr of organic material into the atmosphere from any emission source, except as provided in 35 IAC 218.302, 218.303, 218.304 and the following exception: If no odor nuisance exists the limitation of 35 IAC 215 Subpart K shall apply only to photochemically reactive material.

5. Compliance Method

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

a. List of all insignificant activities, including insignificant activities added as specified in Condition 6.6, the categories the insignificant activities fall under, and supporting calculations as needed for any insignificant activities listed in 35 IAC 201.210(a)(1) through (3).

b. Potential to emit emission calculations before any air pollution control device for any insignificant activities listed in 35 IAC 201.210(a)(1) through (3).

6. Notification Requirements for Insignificant Activities

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

a. Notification 7 Days in Advance

i. Pursuant to 35 IAC 201.212(b), for the addition of an insignificant activity that would be categorized under 35 IAC 201.210(a)(1) and 201.211 and is not currently identified in Conditions 6.1 or 6.2, a notification to the IEPA Permit Section 7 days in advance of the addition of the insignificant activity is required. Addresses are included in Attachment 3. The notification shall include the following pursuant to 35 IAC 201.211(b):

A. A description of the emission unit including the function and expected operating schedule of the unit.

B. A description of any air pollution control equipment or control measures associated with the emission unit.

C. The emissions of regulated air pollutants in lb/hr and ton/yr.

D. The means by which emissions were determined or estimated.

E. The estimated number of such emission units at the source.

F. Other information upon which the applicant relies to support treatment of such emission unit as an insignificant activity.

ii. Pursuant to 35 IAC 201.212(b), for the addition of an insignificant activity that would be categorized under 35 IAC 201.210(a)(2) through 201.210(a)(18) and is not currently identified in Conditions 6.1 or 6.2, a notification to the IEPA Permit Section 7 days in advance of the addition of the insignificant activity is required. Addresses are included in Attachment 3.

iii. Pursuant to Sections 39.5(12)(a)(i)(b) and 39.5(12)(b)(iii) of the Act, the permit shield described in Section 39.5(7)(j) of the Act (see Condition 2.7) shall not apply to any addition of an insignificant activity noted above.

b. Notification Required at Renewal

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

c. Notification Not Required

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

Section 7 - Other Requirements

1. Testing

a. Pursuant to Section 39.5(7)(a) of the Act, a written test protocol shall be submitted at least sixty (60) days prior to the actual date of testing, unless it is required otherwise in applicable state or federal statutes. The IEPA may at the discretion of the Compliance Section Manager (or designee) accept protocol less than 60 days prior to testing provided it does not interfere with the IEPA's ability to review and comment on the protocol and does not deviate from the applicable state or federal statutes. The protocol shall be submitted to the IEPA, Compliance Section and IEPA, Stack Test Specialist for its review. Addresses are included in Attachment 3. This protocol shall describe the specific procedures for testing, including as a minimum:

i. The name and identification of the emission unit(s) being tested.

ii. Purpose of the test, i.e., permit condition requirement, IEPA or USEPA requesting test.

iii. The person(s) who will be performing sampling and analysis and their experience with similar tests.

iv. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and the means by which the operating parameters for the emission unit and any control equipment will be determined.

v. The specific determinations of emissions and operation which are intended to be made, including sampling and monitoring locations.

vi. The test method(s) that will be used, with the specific analysis method, if the method can be used with different analysis methods. Include if emission tests averaging of 35 IAC 283 will be used.

vii. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with detailed justification. This shall be included as a waiver of the test procedures. If a waiver has already been obtained by the IEPA or USEPA, then the waiver shall be submitted.

viii. Any proposed use of an alternative test method, with detailed justification. This shall be included as a waiver of the test procedures. If a waiver has already been obtained by the IEPA or USEPA, then the waiver shall be submitted.

ix. Sampling of materials, QA/QC procedures, inspections, etc.

b. The IEPA, Compliance Section shall be notified prior to these tests to enable the IEPA to observe these tests pursuant to Section 39.7(a) of the Act as follows:

i. Notification of the expected date of testing shall be submitted in writing a minimum of thirty (30) days prior to the expected test date, unless it is required otherwise in applicable state or federal statutes.

ii. Notification of the actual date and expected time of testing shall be submitted in writing a minimum of five (5) working days prior to the actual date of the test. The IEPA may at its discretion of the Compliance Section Manager (or designee) accept notifications with shorter advance notice provided such notifications will not interfere with the IEPA's ability to observe testing.

c. Copies of the Final Report(s) for these tests shall be submitted to the IEPA, Compliance Section within fourteen (14) days after the test results are compiled and finalized but

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)]

P (T/hr)	E (lbs/hr)	P (T/hr)	E (lbs/hr)
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

3. Emissions Reduction Market System (ERMS) Requirements

a. Pursuant to 35 IAC Part 205, this source is considered a "participating source" for purposes of the ERMS.

b. Obligation to Hold Allotment Trading Units (ATUs)

i. Pursuant to 35 IAC 205.150(c)(1) and 35 IAC 205.720, and as further addressed by Condition 7.3(g), as of December 31 of each year, this source shall hold ATUs in its account in an amount not less than the ATU equivalent of its VOM emissions during the preceding seasonal allotment period (May 1 - September 30), not including VOM emissions from the following, or the source shall be subject to "emissions excursion compensation," as described in Condition 7.3(d):

A. VOM emissions from insignificant emission units and activities as identified in Section 6 of this permit, in accordance with 35 IAC 205.220.

B. Excess VOM emissions associated with startup, malfunction, or breakdown of an emission unit as authorized in Section 4 of this permit, in accordance with 35 IAC 205.225.

C. Excess VOM emissions to the extent allowed by a Variance, Consent Order, or Compliance Schedule, in accordance with 35 IAC 205.320(e)(3).

D. Excess VOM emissions that are a consequence of an emergency as approved by the IEPA, pursuant to 35 IAC 205.750.

E. VOM emissions from certain new and modified emission units as addressed by Condition 7.3(g)(ii), if applicable, in accordance with 35 IAC 205.320(f).

ii. In accordance with 35 IAC 205.150(c)(2), notwithstanding the Condition 7.3(b)(i) above, if a source commences operation of a major modification, pursuant to 35 IAC Part 203, the source shall hold ATUs in an amount not less than 1.3 times its seasonal VOM emissions attributable to such major modification during the seasonal allotment period, determined in accordance with the construction permit for such major modification or applicable provisions in Section 4 of this permit.

c. Market Transactions

i. As specified in 35 IAC 205.610(a), the source shall apply to the IEPA for and obtain authorization for a Transaction Account prior to conducting any market transactions.

ii. Pursuant to 35 IAC 205.610(b), the Permittee shall promptly submit to the IEPA any revisions to the information submitted for its Transaction Account.

iii. Pursuant to 35 IAC 205.620(a), the source shall have at least one account officer designated for its Transaction Account.

iv. Any transfer of ATUs to or from the source from another source or general participant must be authorized by a qualified Account Officer designated by the source and approved by the IEPA, in accordance with 35 IAC 205.620, and the transfer must be submitted to the IEPA for entry into the Transaction Account database.

d. Emissions Excursion Compensation

Pursuant to 35 IAC 205.720, if the source fails to hold ATUs in accordance with Condition 7.3(b), it shall provide emissions excursion compensation in accordance with the following:

i. Upon receipt of an Excursion Compensation Notice issued by the IEPA, the source shall purchase ATUs from the ACMA in the amount specified by the notice, as follows:

A. The purchase of ATUs shall be in an amount equivalent to 1.2 times the emissions excursion; or

B. If the source had an emissions excursion for the seasonal allotment period immediately before the period for the present emissions excursion, the source shall purchase ATUs in an amount equivalent to 1.5 times the emissions excursion.

ii. If requested in accordance with paragraph 7.3(d)(iii) below or in the event that the ACMA balance is not adequate to cover the total emissions excursion amount, the IEPA will deduct ATUs equivalent to the specified amount or any remaining portion thereof from the ATUs to be issued to the source for the next seasonal allotment period.

iii. Pursuant to 35 IAC 205.720(c), within 15 days after receipt of an Excursion Compensation Notice, the Owner or Operator may request that ATUs equivalent to the amount specified be deducted from the source's next seasonal allotment by the IEPA, rather than purchased from the ACMA.

e. Quantification of Seasonal VOM Emissions

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

No exceptions

ii. In accordance with 35 IAC 205.750, the Permittee shall report emergency conditions at the source to the IEPA if the Permittee intends to deduct VOM emissions in excess of the technology-based emission rates normally achieved that are attributable to the emergency from the source's seasonal VOM emissions for purposes of the ERMS. These reports shall include the information specified by 35 IAC 205.750(a), and shall be submitted in accordance with the following:

A. An initial emergency conditions report within two days after the time when such excess emissions occurred due to the emergency.

B. A final emergency conditions report, if needed to supplement the initial report, within 10 days after the conclusion of the emergency.

f. Annual Account Reporting

i. Pursuant to 35 IAC 205.300, for each year in which the source is operational, the Permittee shall submit, as a component of its Annual Emissions Report, seasonal VOM emissions information to the IEPA for the seasonal allotment period. This report shall include the following information:

A. Actual seasonal emissions of VOM from the source.

B. A description of the methods and practices used to determine VOM emissions, as required by this permit, including any supporting documentation and calculations.

C. A detailed description of any monitoring methods that differ from the methods specified in this permit, as provided in 35 IAC 205.337.

D. If a source has experienced an emergency, as provided in 35 IAC 205.750, the report shall reference the associated emergency conditions report that has been approved by the IEPA.

E. If a source's baseline emissions have been adjusted due to a Variance, Consent Order, or CAAPP permit Compliance Schedule, as provided for in 35 IAC 205.320(e)(3), the report shall provide documentation quantifying the excess VOM emissions during the season that were allowed by the Variance, Consent Order, or Compliance Schedule, in accordance with 35 IAC 205.320(e)(3).

F. If a source is operating a new or modified emission unit for which three years of operational data is not yet available, as specified in 35 IAC 205.320(f), the report shall specify seasonal VOM emissions attributable to the new emission unit or the modification of the emission unit.

ii. This report shall be submitted by November 30 of each year, for the preceding seasonal allotment period.

g. Allotment of ATUs to the Source

i. A. The allotment of ATUs to this source is 118 ATUs per seasonal allotment period.

B. This allotment of ATUs reflects the IEPA's determination that the source's baseline emissions were 3.2256 tons per season.

C. The source's allotment reflects 88% of the baseline emissions (12% reduction), except for the VOM emissions from specific emission units excluded from such reduction, pursuant to 35 IAC 205.405, including units complying with MACT or using BAT, as identified in Condition 7.3(i) of this permit.

D. ATUs will be issued to the source's Transaction Account by the IEPA annually. These ATUs will be valid for the seasonal allotment period following issuance and, if not retired in this season, the next seasonal allotment period.

E. Condition 7.3(b)(i) becomes effective beginning in the seasonal allotment period following the initial issuance of ATUs by the IEPA into the Transaction Account for the source.

ii. Contingent Allotments for New or Modified Emission Units

The source was not issued a construction permit prior to January 1, 1998 for the following new or modified emission units:

Emission Unit	*Construction Permit No.*	*Date Issued*
LEM & ECHO	03090022	December 15, 2003
New Printing Press and Three Post Curing Ovens	04120056	March 9, 2005
New Process Boiler	09040022	June 17, 2009
Die Lubrication Operation	09070006	December 4, 2009

In accordance with 35 IAC Part 205, for the above referenced emission units, the source is required to hold the appropriate amount of ATUs for these emission units.

iii. Notwithstanding the above, part or all of the above ATUs will not be issued to the source in circumstances as set forth in 35 IAC Part 205, including:

A. Transfer of ATUs by the source to another participant or the ACMA, in accordance with 35 IAC 205.630.

B. Deduction of ATUs as a consequence of emissions excursion compensation, in accordance with 35 IAC 205.720.

C. Transfer of ATUs to the ACMA, as a consequence of shutdown of the source, in accordance with 35 IAC 205.410.

h. Recordkeeping for ERMS

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

i. Seasonal component of the Annual Emissions Report.

ii. Information on actual VOM emissions, as specified in detail in Sections 3 and 4 of this permit and Condition 7.3(e)(i).

iii. Any transfer agreements for the purchase or sale of ATUs and other documentation associated with the transfer of ATUs.

i. Exclusions from Further Reductions

i. A. Pursuant to 35 IAC 205.405(a), VOM emissions from the following emission units shall be excluded from the VOM emissions reductions requirements specified in 35 IAC 205.400(c) and (e) as long as such emission units continue to satisfy the following:

I. Emission units that comply with any NESHAP or MACT standard promulgated pursuant to the CAA.

II. Direct combustion emission units designed and used for comfort heating purposes, fuel combustion emission units, and internal combustion engines.

III. An emission unit for which a LAER demonstration has been approved by the IEPA on or after November 15, 1990.

B. Pursuant to 35 IAC 205.405(a) and (c), the source has demonstrated in its ERMS application and the IEPA has determined that the following emission units qualify for exclusion from further reductions because they meet the criteria as indicated above:

Boilers B1 - B10
Internal Combustion Engines
Rubber Coated Emboss, OC11

ii. A. Pursuant to 35 IAC 205.405(b), VOM emissions from emission units using BAT for controlling VOM emissions shall not be subject to the VOM emissions reductions requirement specified in 35 IAC 205.400(c) or (e) as long as such emission unit continues to use such BAT.

B. Pursuant to 35 IAC 205.405(b) and (c), the source has demonstrated in its ERMS application and the IEPA has determined that the following emission units qualify for exclusion from further reductions because these emission units use BAT for controlling VOM emissions as indicated above:

Rubber Molding Adhesives
Edge Molded Metal Plate

4. 40 CFR 63 Subpart A Requirements (NESHAP)

e. 40 CFR 63 Subpart A and Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

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

General Provision Citation	*General Provision Applicable?*	*Subject of Citation*	*Explanation (if required)*
40 CFR 63.1	Yes	General Applicability of the General Provisions	
40 CFR 63.2	Yes	Definitions	Additional terms defined in 40 CFR 63.6675.
40 CFR 63.3	Yes	Units and Abbreviations	
40 CFR 63.4	Yes	Prohibited Activities and Circumvention	
40 CFR 63.5	Yes	Preconstruction Review and Notification Requirements	
40 CFR 63.6	Yes	Compliance with Standards and Maintenance Requirements	Except 40 CFR 63.6(e); (f)(1); and (h). 40 CFR 63.6(h) is not applicable because ZZZZ does not contain opacity or visible emission standards. (63.6(b)(6), (c)(3)-(40), and (d) are reserved.)
40 CFR 63.7	Yes	Performance Testing Requirements	Except 40 CFR 63.7(e)(1) because ZZZZ specifies conditions for conducting performance tests in 40 CFR 63.6620. See 63.6610, 63.6611, and 63.6612 for performance testing dates. 63.7(b) and (c) only apply as specified in 63.6645.
40 CFR 63.8	Yes	Monitoring Requirements	Except 40 CFR 63.8(a)(4), (c)(1)(i), (c)(1)(iii), (c)(5), (e)(5)(ii), and provisions related to COMS. 63.8(e), (f)(4), and (f)(6) apply only as specified in 63.6645. See 63.6625 for specific monitoring requirements. Averaging periods for demonstrating compliance are specified in 63.6635 and 63.6640. (63.8(a)(3) is reserved.)
40 CFR 63.9	Yes	Notification Requirements	Except 40 CFR 63.9(f) and (g)(2) because ZZZZ does not contain opacity or visible emission standards. 63.9(b)-(e), (g), and (h) only apply as specified in 63.6645. (63.9(b)(3) and (h)(4) are reserved.)
40 CFR 63.10	Yes	Recordkeeping and Reporting Requirements	Except 40 CFR 63.10(b)(2)(i)-(v), (d)(3), (d)(5), (e)(2)(ii), and (e)(4). (63.10(c)(2)-(4), (9), and (e)(3)(i)(c) are reserve.)
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	

General Provision Citation	*General Provision Applicable?*	*Subject of Citation*	*Explanation (if required)*
40 CFR 63.14	Yes	Incorporations by Reference	
40 CFR 63.15	Yes	Availability of Information and Confidentiality	

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.

Pollutant		*Tons/Year*
Volatile Organic Material	(VOM)	38.6519
Sulfur Dioxide	(SO_2)	0.2119
Particulate Matter	(PM)	6.8966
Nitrogen Oxides	(NO_x)	35.0922
HAP, not included in VOM or PM	(HAP)	----
	Total	80.8526

Attachment 1 - List of Emission Units at This Source

Section	*Emission Units*	*Description*
4.1	Plastic Bead Blaster	Rubber molds are cleaned by "shooting" them with a combination wood and plastic bead in a typical "sandblaster" cabinet. The shot is captured in a cyclone and air is sent to a stand alone dust collector.
4.2	Uncontrolled Gasket Coating Lines	This source uses a variety of equipment and raw materials to apply and cure coatings. Coatings are applied by roll coating, or silk screening. The VOM and HAP contents of the coatings will vary depending on the gasket application and customer request. A coating will often be custom formulated for a particular product. Curing of the coatings may involve ultra-violet light curing, oven (thermal) curing, infrared curing, air drying, or carbon dioxide.
4.3	Unit M52 Rubber Molding Adhesive Room	Rubber molding to metal or plastic carriers requires a chemical bond between the metal and rubber. Although there are some water based adhesives on the market, none have been found that survives the high temperature environment to which these gaskets are exposed. The solvent based adhesives are applied to cleaned metal or plastic parts by putting them into a dipping tank or by spraying them in spray booths. The coated parts are air dried. The operations take place in a specially designed room which is enclosed. Exhausts are directed to an oxidizer. Minimal clean up uses a solvent in the room. Fumes are exhausted to the oxidizer. Spent adhesives are stored in a 55 gallon, closed drum.
4.4	Natural Gas Boilers (> 10 mmBtu/hr)	Federal-Mogul utilizes boilers for space heating, steam generators for processes, hot water heaters, space heaters and food preparation. There are nine boilers at the source which have heat inputs of more than 2.5 mmBtu/hr. There are six boilers for hot water generation and building heat and three steam generators for processes. The steam generators are for rubber vulcanization, water heating, and miscellaneous uses. These units have maximum heat input ratings of greater than 10 mmBtu/hr and fire only natural gas.
4.5	Natural Gas Boilers (< 10 mmBtu/hr)	Federal-Mogul utilizes boilers for space heating, steam generators for processes, hot water heaters, space heaters and food preparation. There are nine boilers at the source which have heat inputs of more than 2.5 mmBtu/hr. There are six boilers for hot water generation and building heat and three steam generators for processes. The steam generators are for rubber vulcanization, water heating, and miscellaneous uses. These units have maximum heat input ratings exceeding 0.3 mmBtu/hr, but are less than 10 mmBtu/hr and fire only natural gas.

Section	*Emission Units*	*Description*
4.6	OC14 Liquid Elastomer Molding (LEM) Line	The production begins with clean metal and ends with metal gaskets with rubber sealing beads. For the rubber to adhere to the metal, a solvent-based adhesive is first applied to the metal by a dip tank and then air dried. This coating operation is performed on a continuous strip of metal that is unwound from a coil. A thermal oxidizer is installed to control the emissions from the tank and the drying room. The heated air for the dryer is generated from either the thermal oxidizer operation or from convection.
4.7	Die Lubrication Operation	Lubricate the Punch Presses Dies

Attachment 2 - Acronyms and Abbreviations

acfm	Actual cubic feet per minute
ACMA	Alternative Compliance Market Account
Act	Illinois Environmental Protection Act [415 ILCS 5/1 et seq.]
AP-42	Compilation of Air Pollutant Emission Factors, Volume 1, Stationary Point and Other Sources (and Supplements A through F), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711
ATU	Allotment trading unit
BACT	Best Available Control Technology
BAT	Best Available Technology
Btu	British Thermal Units
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAAPP	Clean Air Act Permit Program
CAIR	Clean Air Interstate Rule
CAM	Compliance Assurance Monitoring
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CISWI	Commercial Industrial Solid Waste Incinerator
CO	Carbon monoxide
CO_2	Carbon dioxide
COMS	Continuous Opacity Monitoring System
CPMS	Continuous Parameter Monitoring System
dscf	Dry standard cubic foot
dscm	Dry standard cubic meter
ERMS	Emissions Reduction Market System
°F	Degrees Fahrenheit
GHG	Green house gas
GACT	Generally Acceptable Control Technology
gr	Grains
HAP	Hazardous air pollutant
Hg	Mercury
HMIWI	Hospital medical infectious waste incinerator
hp	Horsepower
hr	Hour
H_2S	Hydrogen sulfide
I.D. No.	Identification number of source, assigned by IEPA
IAC	Illinois Administrative Code
ILCS	Illinois Compiled Statutes
IEPA	Illinois Environmental Protection Agency
kw	Kilowatts
LAER	Lowest Achievable Emission Rate
lbs	Pound

m	Meter
MACT	Maximum Achievable Control Technology
M	Thousand
MM	Million
mos	Month
MSDS	Material Safety Data Sheet
MSSCAM	Major Stationary Sources Construction and Modification (Non-attainment New Source Review)
MW	Megawatts
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO_x	Nitrogen oxides
NSPS	New Source Performance Standards
NSR	New Source Review
PB	Lead
PEMS	Predictive Emissions Monitoring System
PM	Particulate matter
PM_{10}	Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns as measured by applicable test or monitoring methods
$PM_{2.5}$	Particulate matter with an aerodynamic diameter less than or equal to a nominal 2.5 microns as measured by applicable test or monitoring methods
ppm	Parts per million
ppmv	Parts per million by volume
ppmw	Parts per million by weight
PSD	Prevention of Significant Deterioration
PSEU	Pollutant-Specific Emission Unit
psia	Pounds per square inch absolute
PTE	Potential to emit
RACT	Reasonable Available Control Technology
RMP	Risk Management Plan
scf	Standard cubic feet
SCR	Selective catalytic reduction
SIP	State Implementation Plan
SO_2	Sulfur dioxide
T1	Title I - identifies Title I conditions that have been carried over from an existing permit
T1N	Title I New - identifies Title I conditions that are being established in this permit
T1R	Title I Revised - identifies Title I conditions that have been carried over from an existing permit and subsequently revised in this permit
USEPA	United States Environmental Protection Agency
VOM	Volatile organic material

Attachment 3 - Contact and Reporting Addresses

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

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