NOTICE OF 30-DAY PERIOD
FOR PUBLIC COMMENT

Preliminary Findings Regarding a
Significant Revision to a
Federally Enforceable State Operating Permit (FESOP)

for Mid-West Metal Products in Delaware County

Significant Permit Revision No.: 035-42085-00085

The Indiana Department of Environmental Management (IDEM) has received an application from Mid-West Metal Products, located at 3500 South Hoyt Avenue, Muncie, Indiana 47302, 2100 West Mount Pleasant Boulevard, Muncie, Indiana 47302, and 3701 South Cowan Road, Muncie, Indiana 47302, for a significant modification/revision of its FESOP issued on October 22, 2019. If approved by IDEM’s Office of Air Quality (OAQ), this proposed revision would allow Mid-West Metal Products to make certain changes at its existing source. Mid-West Metal Products has applied to have the cyclone in the electrostatic powder coating spray booth, identified as CD-02 considered as integral to the coating spray booth.

A copy of the permit application and IDEM’s preliminary findings are available at:
Maring-Hunt Public Library
2005 South High Street
Muncie, IN 47302

A copy of the preliminary findings is available on the Internet at: http://www.in.gov/ai/appfiles/idem-caats/.

A copy of the preliminary findings is also available via IDEM’s Virtual File Cabinet (VFC.) Please go to: http://www.in.gov/idem/ and enter VFC in the search box. You will then have the option to search for permit documents using a variety of criteria.

How can you participate in this process?

The date that this notice is posted on IDEM’s website (https://www.in.gov/idem/5474.htm) marks the beginning of a 30-day public comment period. If the 30th day of the comment period falls on a day when IDEM offices are closed for business, all comments must be postmarked or delivered in person on the next business day that IDEM is open.

You may request that IDEM hold a public hearing about this draft permit. If adverse comments concerning the air pollution impact of this draft permit are received, with a request for a public hearing, IDEM will decide whether or not to hold a public hearing. IDEM could also decide to hold a public meeting instead of, or in addition to, a public hearing. If a public hearing or meeting is held, IDEM will make a separate announcement of the date, time, and location of that hearing or meeting. At a hearing, you would have an opportunity to submit written comments and make verbal comments. At a meeting, you would have an opportunity to submit written comments, ask questions, and discuss any air pollution concerns with IDEM staff.
Comments and supporting documentation, or a request for a public hearing should be sent in writing to IDEM at the address below. If you comment via e-mail, please include your full U.S. mailing address so that you can be added to IDEM's mailing list to receive notice of future action related to this permit. If you do not want to comment at this time, but would like to receive notice of future action related to this permit application, please contact IDEM at the address below. Please refer to permit number SPR 035-42065-00085 in all correspondence.

Comments should be sent to:

Olajumoke Kayode  
IDEM, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251  
(800) 451-6027, ask for Olajumoke Kayode or (317) 234-5373  
Or dial directly: (317) 234-5373  
Fax: (317) 232-6749 attn: Olajumoke Kayode  
E-mail: okayode@idem.IN.gov

All comments will be considered by IDEM when we make a decision to issue or deny the permit. Comments that are most likely to affect final permit decisions are those based on the rules and laws governing this permitting process (326 IAC 2), air quality issues, and technical issues. IDEM does not have legal authority to regulate zoning, odor, or noise. For such issues, please contact your local officials.

For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Air Permits page on the Internet at: http://www.in.gov/idem/airquality/2356.htm; and the Citizens' Guide to IDEM on the Internet at: http://www.in.gov/idem/6900.htm.

What will happen after IDEM makes a decision?

Following the end of the public comment period, IDEM will issue a Notice of Decision stating whether the permit has been issued or denied. If the permit is issued, it may be different than the draft permit because of comments that were received during the public comment period. If comments are received during the public notice period, the final decision will include a document that summarizes the comments and IDEM's response to those comments. If you have submitted comments or have asked to be added to the mailing list, you will receive a Notice of the Decision. The notice will provide details on how you may appeal IDEM's decision, if you disagree with that decision. The final decision will also be available on the Internet at the address indicated above, at the local library indicated above, and the IDEM public file room on the 12th floor of the Indiana Government Center North, 100 N. Senate Avenue, Indianapolis, Indiana 46204-2251.

If you have any questions, please contact Olajumoke Kayode of my staff at the above address.

Iryn Biliung, Section Chief  
Permits Branch  
Office of Air Quality
Federally Enforceable State Operating Permit Renewal

OFFICE OF AIR QUALITY

Mid-West Metal Products
3500 South Hoyt Avenue, 2100 West Mount Pleasant Boulevard, and 3701 South Cowan Road
Muncie, Indiana 47302

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. It shall not be a defense for the Permittee 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. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

Operation Permit No.: F035-34267-00085
Master Agency Interest ID.: 6393

<table>
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<tr>
<th>Original issued by:</th>
<th>Issuance Date: November 10, 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iryn Calilung, Section Chief Permits Branch Office of Air Quality</td>
<td>Expiration Date: November 10, 2024</td>
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Administrative Amendment No.: 035-37934-00085, issued on December 28, 2016.
Significant Permit Revision No.: 035-41623-00085, issued on October 22, 2019.

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SECTION A  SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary sheet metal, structural metal, and wire fabrication facility and steel wire and metal powder coating facility.

Source Address: 3500 S Hoyt Avenue, 2100 W Mount Pleasant Boulevard, and 3701 S Cowan Road, Muncie, Indiana 47302

General Source Phone Number: (765) 741-3136

SIC Code: 3479 (Coating, Engraving, and Allied Services, Not Elsewhere Classified), 3496 (Miscellaneous Fabricated Wire Products), and 3499 (Fabricated Metal Products, Not Elsewhere Classified)

County Location: Delaware the area of the City of Muncie bounded by West 26th Street/Hines Road to the north, Cowan Road to the east, West Fuson Road to the south, and South Hoyt Avenue to the west

Source Location Status: Nonattainment for Lead standard

Source Status: Federally Enforceable State Operating Permit Program Minor Source, under PSD and Emission Offset Rules

A.2 Source Definition [326 IAC 2-8-1][326 IAC 2-7-1(22)]

This sheet metal, structural metal, and wire fabrication facility and steel wire and metal powder coating facility consist of three (3) plants:

(a) Plant 1 is located at 3500 South Hoyt Avenue, Muncie, Indiana 47302;

(b) Plant 2 is located at 2100 West Mount Pleasant Boulevard, Muncie, Indiana 47302; and

(c) Plant 3 is located at 3701 South Cowan Road, Muncie, Indiana 47302.

Since the three (3) plants are located on adjacent properties, belong to the same industrial grouping, and under common control of the same entity, they are considered one (1) major source as defined by 326 IAC 2-7-1(22).

This determination was initially made under FESOP Renewal No. 035-34267-00085, issued on November 10, 2014.
A.3 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

**Plant 1**

(a) Two (2) Powder Coating Spray Booths including the following:

(1) One (1) electrostatic powder coating spray booth with twelve (12) HVLP spray guns, identified as CD-01, constructed in 2009, with a maximum capacity of 48,000.00 pounds per hour of metal parts, consuming a maximum of 70.00 pounds of coating per hour, with a transfer efficiency of 40%, using filter cartridges as control, and exhausting indoors.

This booth was modified in 2013 to add two (2) automatic HVLP spray guns, and permitted in 2016 to replace two (2) manual HVLP spray guns.

(2) One (1) electrostatic powder coating spray booth with twenty-four (24) HVLP spray guns, identified as CD-02, approved in 2019 for construction, with a maximum capacity of 2,913.00 pounds of metal parts per hour, consuming a maximum of 108.00 pounds of coating per hour, using an integral powder reclamation cyclone and filter cartridges in series as control, and exhausting indoors.

**A.4 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(1)]**

This stationary source also includes the following insignificant activities:

**Plant 1**

(a) One (1) enclosed washing system using a (non-VOC containing) phosphate wash.

(b) Natural gas-fired combustion sources, consisting of the following:

(1) One (1) Burn Off Oven utilizing two (2) Burners, firing natural gas, each rated at 0.29 million British thermal units per hour, used to burn powder coating overspray from hooks and racks, equipped with an afterburner, and exhausting indoors.

(2) One (1) Dry Off Oven, firing natural gas, rated at 2.25 million British thermal units per hour and exhausting indoors.

(3) One (1) Cure Oven, firing natural gas, rated at 0.79 million British thermal units per hour and exhausting indoors.

(4) Four (4) Infrared Space Heaters, firing natural gas, each rated at 0.10 million British thermal units per hour and exhausting indoors.

**Plant 2**

(c) Welding operations for sheet metal, structural metal, and wire fabrication operations consisting of the following:

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit ID</th>
<th>Year Constructed</th>
<th>Maximum Capacity (pounds of electrode per hour)</th>
<th>Control</th>
<th>Discharging to Stack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schlatter-65&quot; - Filtered Resistance Welder</td>
<td>SH395</td>
<td>1999</td>
<td>2</td>
<td>Dust Collector</td>
<td>None</td>
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<tr>
<td>Description</td>
<td>Unit ID</td>
<td>Year Constructed</td>
<td>Maximum Capacity (pounds of electrode per hour)</td>
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<tr>
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<tr>
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<td>Resistance Press Welder - 10327</td>
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<td>Resistance Press Welder - 10329</td>
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<td>Resistance Press Welder - 10331</td>
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<td>PW064</td>
<td>1972</td>
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<td>Resistance Press Welder - FG - 10335</td>
<td>PW472</td>
<td>1971</td>
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<td>Resistance Press Welder - FG - 10337</td>
<td>PW215</td>
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<td>Resistance Press Welder - Rocker</td>
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<td>1974</td>
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<td>Butt Welder - Manual - Resistance Welder</td>
<td>BW133</td>
<td>1983</td>
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<td>Butt Welder - Manual - Resistance Welder</td>
<td>BW1</td>
<td>1985</td>
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<td>Meritus Fleximan Resistance Welder</td>
<td>SPMF2</td>
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<td>Posi Welder Resistance Welder</td>
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<td>Mig Weld-Robot-SpinT-1H-I0416</td>
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<td>None</td>
<td>2012</td>
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Under 40 CFR 63, Subpart XXXXXX, the welding stations are considered affected facilities.

(d) Two (2) laser cutters, constructed in 2005 and 2013, each with a maximum metal thickness of 0.5 inches and maximum metal cutting rate of 50 inches per minute, with particulate emissions controlled by a dust collector, and exhausting indoors.

Under 40 CFR 63, Subpart XXXXXX, the laser cutters are considered affected facilities.
(e) Machining operations for sheet metal, structural metal, and wire fabrication operations consisting of the following:

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit ID</th>
<th>Year Constructed</th>
<th>Maximum Capacity (pounds per hour)</th>
<th>Control</th>
<th>Discharging to Stack</th>
<th>Affected Source</th>
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<tbody>
<tr>
<td>S&amp;C-Regular Wire - I0112 Shearing Operation</td>
<td>SC502</td>
<td>1999</td>
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<td>Yes under NESHAP XXXXXX</td>
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<td>S&amp;C-Regular Wire - I0113 Shearing Operation</td>
<td>SC504</td>
<td>2001</td>
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<td>S&amp;C-Regular Wire - I0114 Shearing Operation</td>
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<td>S&amp;C-Regular Wire - I0118 Shearing Operation</td>
<td>SC448</td>
<td>1996</td>
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<td>S&amp;C-Regular Wire - I0120 Shearing Operation</td>
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<td>Brake Press-LVD-10'-I0227</td>
<td>BP230</td>
<td>1996</td>
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<td>Brake Press-LVD-10’ PPEC</td>
<td>None</td>
<td>2013</td>
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<tr>
<td>Brake Press-Hurco-10’-I0229</td>
<td>None</td>
<td>1997</td>
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<tr>
<td>Brake Press-Hurco-8’-I0231</td>
<td>BP502</td>
<td>1998</td>
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<td>Brake Press-Mesh-Wysng-I0241</td>
<td>BP443</td>
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<td>Brake Press-Wire Crimping-I0243</td>
<td>BP3</td>
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<td>Punch Press - Heim - I0252</td>
<td>CP228</td>
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<td>Punch Press - Johnson - I0254</td>
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<td>Trimmer - I0277</td>
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<td>Unit ID</td>
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<td>Maximum Capacity (pounds per hour)</td>
<td>Control</td>
<td>Discharging to Stack</td>
<td>Affected Source</td>
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<td>Trimmer - I0282</td>
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<td>Trimmer - I0283</td>
<td>None</td>
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<td>Trimmer - I0284</td>
<td>None</td>
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<tr>
<td>Vertical Milling Machine - VM1</td>
<td>None</td>
<td>2002</td>
<td>3, 0.012 gallons of VOC based machining coolant per hour</td>
<td>None</td>
<td>Yes under NESHAP XXXXXXX</td>
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<tr>
<td>Lathe - I0454</td>
<td>None</td>
<td>1986</td>
<td>2, 0.012 gallons of VOC based machining coolant per hour</td>
<td>None</td>
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<tr>
<td>Milling Machine</td>
<td>None</td>
<td>1994</td>
<td>2, 0.012 gallons of VOC based machining coolant per hour</td>
<td>None</td>
<td>Yes under NESHAP XXXXXXX</td>
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<tr>
<td>Tap - Flex Arm Tapper - I0458</td>
<td>None</td>
<td>1992</td>
<td>6, combined, None</td>
<td>None</td>
<td>Yes under NESHAP XXXXXXX</td>
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<tr>
<td>Tap - Flex Arm Tapper - I0459</td>
<td>None</td>
<td>1992</td>
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<td>Tap - Flex Arm Tapper - I0460</td>
<td>None</td>
<td>1992</td>
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<tr>
<td>Thread Machine</td>
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<td>Unknown</td>
<td>10, None</td>
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<td>Drill Press - I0467</td>
<td>None</td>
<td>Unknown</td>
<td>5, None</td>
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<td>Chamfer Machine - I0470</td>
<td>None</td>
<td>Unknown</td>
<td>5, None</td>
<td>None</td>
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<tr>
<td>Saw - Bandsaw - I0475</td>
<td>None</td>
<td>Unknown</td>
<td>5, 0.012 gallons of VOC based machining coolant per hour</td>
<td>None</td>
<td>Yes under NESHAP XXXXXXX</td>
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<tr>
<td>Saw-CNC Saw-90D-I0477</td>
<td>None</td>
<td>2004</td>
<td>5, 0.012 gallons of VOC based machining coolant per hour</td>
<td>None</td>
<td>Yes under NESHAP XXXXXXX</td>
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<td>Saw-Horiz Band Saw-Angle-I0479</td>
<td>BS020</td>
<td>2001</td>
<td>5, 0.012 gallons of VOC based machining coolant per hour</td>
<td>None</td>
<td>Yes under NESHAP XXXXXXX</td>
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<td>Pemserter-series 100 -I0482</td>
<td>None</td>
<td>2007</td>
<td>5, None</td>
<td>None</td>
<td>Yes under NESHAP XXXXXXX</td>
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<td>Roller - CNC - I0485</td>
<td>None</td>
<td>Unknown</td>
<td>5, None</td>
<td>None</td>
<td>Yes under NESHAP XXXXXXX</td>
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<td>Roller-Manual-Niagra-8'-I0487</td>
<td>None</td>
<td>1993</td>
<td>5, None</td>
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<td>Yes under NESHAP XXXXXXX</td>
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<tr>
<td>Grind-Deburr-Hand Grind-I0490</td>
<td>None</td>
<td>2006</td>
<td>5, None</td>
<td>None</td>
<td>Yes under NESHAP XXXXXXX</td>
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</tr>
</tbody>
</table>
(f) One (1) cold cleaning degreaser, constructed in 2004, identified as CC1, with a maximum VOC solvent usage of 66 gallons per year, uncontrolled and not equipped with a remote solvent reservoir.

Note: This plant has two (2) additional part washers that do not use solvents that contain VOC or HAPs.

(g) One (1) natural gas-fired space heater, with a maximum heat input capacity of 0.40 million British thermal units per hour and exhausting indoors.

Plant 3

(h) Welding operations for sheet metal, structural metal, and wire fabrication operations consisting of the following:

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit ID</th>
<th>Year Constructed</th>
<th>Maximum Capacity (pounds of electrode per hour)</th>
<th>Control</th>
<th>Discharging to Stack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schlatter- Filtered Resistance Welder</td>
<td>SH187</td>
<td>1998</td>
<td>2</td>
<td>Dust Collector</td>
<td>None</td>
</tr>
<tr>
<td>Schlatter- Filtered Resistance Welder</td>
<td>SH334</td>
<td>1994</td>
<td>2</td>
<td>Dust Collector</td>
<td>None</td>
</tr>
<tr>
<td>Schlatter- Filtered Resistance Welder</td>
<td>None</td>
<td>1989</td>
<td>2</td>
<td>Dust Collector</td>
<td>None</td>
</tr>
<tr>
<td>Schlatter-Border- Filtered Resistance Welder</td>
<td>SH393</td>
<td>1994</td>
<td>2</td>
<td>Dust Collector</td>
<td>None</td>
</tr>
<tr>
<td>Athena - Resistance Welder</td>
<td>SA001</td>
<td>2003</td>
<td>2</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Athena - Resistance Welder</td>
<td>SA002</td>
<td>2003</td>
<td>2</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Resistance Press Welder-NO FG</td>
<td>PW092</td>
<td>1973</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Resistance Press Welder-Rocker-SP-10343</td>
<td>PW433</td>
<td>1971</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Resistance Press Welder-Rocker-SP-10345</td>
<td>PW429</td>
<td>1972</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Resistance Press Welder-Single Point-10347</td>
<td>PW100</td>
<td>1975</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Resistance Press Welder - 10349</td>
<td>PW094</td>
<td>1982</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Resistance Press Welder - FG - I0351</td>
<td>PW298</td>
<td>1970</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Resistance Press Welder - RD - I0353</td>
<td>PW066</td>
<td>1974</td>
<td>0.5</td>
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<td>Resistance Press Welder - 36&quot;D - I0355</td>
<td>None</td>
<td>1972</td>
<td>0.5</td>
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<td>None</td>
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<td>Resistance Press Welder - 32&quot;D - I0357</td>
<td>PW214</td>
<td>1973</td>
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<td>Resistance Press Welder - 26&quot;D - I0359</td>
<td>PW045</td>
<td>1986</td>
<td>0.5</td>
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<td>Press Welder - 26&quot;D - I0361</td>
<td>PW037</td>
<td>1984</td>
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<td>Press Welder - FD - I0363</td>
<td>PW213</td>
<td>1985</td>
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<td>Press Welder-Ball Weld Cell-I0365</td>
<td>PW035</td>
<td>1975</td>
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<td>T-Weld - Manual - I0383</td>
<td>TW002</td>
<td>1998</td>
<td>0.25</td>
<td>None</td>
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<td>Butt Welder - Manual -</td>
<td>BW026</td>
<td>1989</td>
<td>0.25</td>
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<td>Description</td>
<td>Unit ID</td>
<td>Year Constructed</td>
<td>Maximum Capacity (pounds of electrode per hour)</td>
<td>Control</td>
<td>Discharging to Stack</td>
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<td>I0385 Flexi T Welder - Resistance Welder</td>
<td>SPMF1</td>
<td>1999</td>
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<td>None</td>
<td>None</td>
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Under 40 CFR 63, Subpart XXXXXX, the welding stations are considered affected facilities.

(i) Machining operations for sheet metal, structural metal, and wire fabrication operations consisting of the following:

<table>
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<tr>
<th>Description</th>
<th>Unit ID</th>
<th>Year Constructed</th>
<th>Maximum Capacity (pounds per hour)</th>
<th>Control</th>
<th>Discharging to Stack</th>
<th>Affected Source</th>
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<tbody>
<tr>
<td>S&amp;C-Heavy-Tank I0112 Shearing Operation</td>
<td>SC239</td>
<td>1991</td>
<td>400, combined</td>
<td>None</td>
<td>None</td>
<td>Yes under NESHAP XXXXXX</td>
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<td>S&amp;C-Light- I0104 Shearing Operation</td>
<td>SC076</td>
<td>1950</td>
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<td>S&amp;C-SS- I0106 Shearing Operation</td>
<td>None</td>
<td>2010</td>
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<tr>
<td>S&amp;C-Regular Wire - I0108 Shearing Operation</td>
<td>SC401</td>
<td>1993</td>
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<td>S&amp;C-Regular Wire - I0109 Shearing Operation</td>
<td>SC236</td>
<td>1994</td>
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<td>S&amp;C-Regular Wire - I0110 Shearing Operation</td>
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<td>S&amp;C-Regular Wire - I0119 Shearing Operation</td>
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<td>BP505</td>
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<td>Brake Press-Hurco-6'-I0235</td>
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<td>Brake Press-Hurco-10'-I0237</td>
<td>None</td>
<td>2002</td>
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<td>Brake Press-BettenBender-10'-I0237</td>
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<td>2003</td>
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<td>Wire Bender - I0267</td>
<td>None</td>
<td>1994</td>
<td>10, combined</td>
<td>None</td>
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<td>Wire Bender - I0268</td>
<td>None</td>
<td>1995</td>
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<td>Turret-H30 - I0202 Punching Machine</td>
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<td>2001</td>
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<td>Turret-VX-1225 - IO204 Punching Machine</td>
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<td>2012</td>
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<tr>
<td>Description</td>
<td>Unit ID</td>
<td>Year Constructed</td>
<td>Maximum Capacity (pounds per hour)</td>
<td>Control</td>
<td>Discharging to Stack</td>
<td>Affected Source</td>
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<td>Trimmer - I0286</td>
<td>None</td>
<td>1994</td>
<td>40, combined</td>
<td>None</td>
<td>None</td>
<td>Yes under NESHAP XXXXXX</td>
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<tr>
<td>Trimmer - I0288</td>
<td>None</td>
<td>1994</td>
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<td>Trimmer - I0290</td>
<td>CP230</td>
<td>1994</td>
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<td>Trimmer - I0291</td>
<td>AT414</td>
<td>1995</td>
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<td>Trimmer - I0292</td>
<td>AT381</td>
<td>1995</td>
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<tr>
<td>Trimmer - I0293</td>
<td>None</td>
<td>1995</td>
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<td>Trimmer - Chop - I0294</td>
<td>CP422</td>
<td>1995</td>
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<td>Trimmer - Special - I0295</td>
<td>PT038</td>
<td>1995</td>
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<tr>
<td>Nibbler - I0297 Shearing Operation</td>
<td>None</td>
<td>1967</td>
<td>5</td>
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<td>None</td>
<td>Yes under NESHAP XXXXXX</td>
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<tr>
<td>Thread Machine - I0464</td>
<td>None</td>
<td>1974</td>
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<td>None</td>
<td>None</td>
<td>Yes under NESHAP XXXXXX</td>
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<tr>
<td>Drill Press - I0467</td>
<td>None</td>
<td>1975</td>
<td>3</td>
<td>None</td>
<td>None</td>
<td>Yes under NESHAP XXXXXX</td>
</tr>
<tr>
<td>Chamfer Machine - I0470</td>
<td>CM001</td>
<td>1973</td>
<td>2</td>
<td>None</td>
<td>None</td>
<td>Yes under NESHAP XXXXXX</td>
</tr>
<tr>
<td>Saw - Bandsaw - I0475</td>
<td>BS001</td>
<td>1972</td>
<td>2 0.012 gallons of VOC based machining coolant per hour</td>
<td>None</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Roller - CNC - I0485</td>
<td>None</td>
<td>2004</td>
<td>5</td>
<td>None</td>
<td>None</td>
<td>Yes under NESHAP XXXXXX</td>
</tr>
<tr>
<td>Tumble-Deburr-Abrasive - I0492</td>
<td>None</td>
<td>2006</td>
<td>2</td>
<td>None</td>
<td>None</td>
<td>Yes under NESHAP XXXXXX</td>
</tr>
</tbody>
</table>

(j) One (1) Natural Gas-fired Space Heater, with a maximum heat input capacity of 0.40 million British thermal units per hour and exhausting indoors.

A.5 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) to renew a Federally Enforceable State Operating Permit (FESOP).
SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-8-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-8-4(2)] [326 IAC 2-1.1-9.5] [IC 13-15-3-6(a)]

(a) This permit, F035-34267-00085, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

(b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

(a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or

(b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability [326 IAC 2-8-6] [IC 13-17-12]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source’s potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Severability [326 IAC 2-8-4(4)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Provide Information [326 IAC 2-8-4(5)(E)]

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ 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 Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.

(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U.S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.
### B.8 Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(1)]

(a) A certification required by this permit meets the requirements of 326 IAC 2-8-5(a)(1) if:

1. it contains a certification by an "authorized individual", as defined by 326 IAC 2-1.1-1(1), and
2. the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.

(c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

### B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than July 1 of each year to:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

(b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(c) The annual compliance certification report shall include the following:

1. The appropriate identification of each term or condition of this permit that is the basis of the certification;
2. The compliance status;
3. Whether compliance was continuous or intermittent;
4. The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and
5. Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]

IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

B.11 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)]

(a) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:

1. Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

2. A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

3. Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

The Permittee shall implement the PMPs.

(b) If required by specific condition(s) in Section D of this permit where no PMP was previously required, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:

1. Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

2. A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

3. Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

The Permittee shall implement the PMPs.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The
PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.12 Emergency Provisions [326 IAC 2-8-12]

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

1. An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
2. The permitted facility was at the time being properly operated;
3. During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
4. For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

   Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
   Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
   Facsimile Number: 317-233-6865

5. For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

   Indiana Department of Environmental Management
   Compliance and Enforcement Branch, Office of Air Quality
   100 North Senate Avenue
   MC 61-53 IGCN 1003
   Indianapolis, Indiana 46204-2251

   within two (2) working days of the time when emission limitations were exceeded due to the emergency.

   The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

   (A) A description of the emergency;
(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.

(g) Operations may continue during an emergency only if the following conditions are met:

(1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

(2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:

(A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and

(B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.
B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of permits established prior to F035-34267-00085 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised, or

(3) deleted.

(b) All previous registrations and permits are superseded by this permit.

B.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]

The Permittee’s right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source’s existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an “authorized individual” as defined by 326 IAC 2-1.1-1(1).

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]

(c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.16 Permit Renewal [326 IAC 2-8-3(h)]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained
in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(42). The renewal application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

(b) A timely renewal application is one that is:

(1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(c) If the Permittee submits a timely and complete application for renewal of this permit, the source’s failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.17 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]

(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.18 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) and (c) without a prior permit revision, if each of the following conditions is met:
(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any approval required by 326 IAC 2-8-11.1 has been obtained;

(3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

United States Environmental Protection Agency, Region 5
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-8-15(b)(1) and (c). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-8-15(b)(1) and (c).

(b) Emission Trades [326 IAC 2-8-15(b)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(b).

(c) Alternative Operating Scenarios [326 IAC 2-8-15(c)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.

(d) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.19 Source Modification Requirement [326 IAC 2-8-11.1]
A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.
B.20 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.21 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

(a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]
B.22 Annual Fee Payment [326 IAC 2-7-19][326 IAC 2-8-4(6)][326 IAC 2-8-16][326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ no later than thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

(b) Failure to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.23 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314][326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.
SECTION C SOURCE OPERATION CONDITIONS

Emission Limitations and Standards [326 IAC 2-8-4(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

(a) Pursuant to 326 IAC 2-8:

(1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.

(2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and

(3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(b) Pursuant to 326 IAC 2-2 (PSD), potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period.

(c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source’s potential to emit does not exceed the above specified limits.

(d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

C.3 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-1 (Applicability) and 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.4 Open Burning [326 IAC 4-1][IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.5 Incineration [326 IAC 4-2][326 IAC 9-1-2]

The Permittee shall not operate an incinerator except as provided in 326 IAC 4-2 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-2 or in this permit.

C.6 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

C.7 Asbestos Abatement Projects [326 IAC 14-10][326 IAC 18][40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).
All required notifications shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Demolition and Renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

(g) Indiana Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

Testing Requirements [326 IAC 2-8-4(3)]

C.8 Performance Testing [326 IAC 3-6]

(a) For performance testing required by this permit, a test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted
by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

**Compliance Requirements [326 IAC 2-1.1-11]**

C.9 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

**Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]**

C.10 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]

(a) For new units:

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units shall be implemented on and after the date of initial start-up.

(b) For existing units:

Unless otherwise specified in this permit, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance to begin such monitoring. If, due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

C.11 Instrument Specifications [326 IAC 2-1.1-11][326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]

(a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale. The analog instrument shall be capable of measuring values outside of the normal range.

(b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

**Corrective Actions and Response Steps [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]**
C.12 Risk Management Plan [326 IAC 2-8-4][40 CFR 68]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

C.13 Response to Excursions or Exceedances [326 IAC 2-8-4][326 IAC 2-8-5]

Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitation in this permit:

(a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.

(b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:

(1) initial inspection and evaluation;

(2) recording that operations returned or are returning to normal without operator action (such as through response by a computerized distribution control system); or

(3) any necessary follow-up actions to return operation to normal or usual manner of operation.

(c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:

(1) monitoring results;

(2) review of operation and maintenance procedures and records; and/or

(3) inspection of the control device, associated capture system, and the process.

(d) Failure to take reasonable response steps shall be considered a deviation from the permit.

(e) The Permittee shall record the reasonable response steps taken.

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall submit a description of its response actions to IDEM, OAQ no later than seventy-five (75) days after the date of the test.

(b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline.

(c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.
The response action documents submitted pursuant to this condition do require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements  [326 IAC 2-8-4(3)]

C.15 General Record Keeping Requirements [326 IAC 2-8-4(3)][326 IAC 2-8-5]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. Support information includes the following, where applicable:

- (AA) All calibration and maintenance records.
- (BB) All original strip chart recordings for continuous monitoring instrumentation.
- (CC) Copies of all reports required by the FESOP.

Records of required monitoring information include the following, where applicable:

- (AA) The date, place, as defined in this permit, and time of sampling or measurements.
- (BB) The dates analyses were performed.
- (CC) The company or entity that performed the analyses.
- (DD) The analytical techniques or methods used.
- (EE) The results of such analyses.
- (FF) The operating conditions as existing at the time of sampling or measurement.

These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

C.16 General Reporting Requirements [326 IAC 2-8-4(3)(C)][326 IAC 2-1.1-11]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Proper notice submittal under Section B -Emergency Provisions satisfies the reporting requirements of this paragraph. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

(b) The address for report submittal is:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(d) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

C.17 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with applicable standards for recycling and emissions reduction.
Emissions Unit Description:

Plant 1

(a) Two (2) Powder Coating Spray Booths including the following:

(1) One (1) electrostatic powder coating spray booth with twelve (12) HVLP spray guns, identified as CD-01, constructed in 2009, with a maximum capacity of 48,000.00 pounds per hour of metal parts, consuming a maximum of 70 pounds of coating per hour, with a transfer efficiency of 40%, using filter cartridges as control, and exhausting indoors.

This booth was modified in 2013 to add two (2) automatic HVLP spray guns, and permitted in 2016 to replace two (2) manual HVLP spray guns.

(2) One (1) electrostatic powder coating spray booth with twenty-four (24) HVLP spray guns, identified as CD-02, approved in 2019 for construction, with a maximum capacity of 2,913.00 pounds of metal parts per hour, consuming a maximum of 108.00 pounds of coating per hour, using an integral powder reclamation cyclone and filter cartridges in series as control, and exhausting indoors.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.1.1 PM Limit [326 IAC 1-5-2]

In order to render the requirements of 326 IAC 1-5-2 (ERP) not applicable, the Permittee shall comply with the following:

(a) The PM emissions after control from the powder coating spray booth, identified as CD-01, shall not exceed 10.50 pounds per hour.

Compliance with this limit combined with the potential to emit PM from all other emission units at the source, shall limit the source-wide total potential to emit of PM to less than 100 tons per 12 consecutive month period and shall render 326 IAC 1-5-2 (ERP) not applicable.

D.1.2 Particulate Emission Limitations for Manufacturing Processes [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the facilities listed below shall be limited as specified when operating at the respective process weight rate:

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Process Weight Rate (tons/hr)</th>
<th>Emission Limitation (lbs/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrostatic Powder Coating Spray Booth, CD-01</td>
<td>24.04*</td>
<td>34.51</td>
</tr>
<tr>
<td>Electrostatic Powder Coating Spray Booth, CD-02</td>
<td>1.51*</td>
<td>5.40</td>
</tr>
</tbody>
</table>

* Process weight includes maximum metal capacity and coating usage.
The pound per hour limitations were calculated with the following equation:

Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

\[ E = 4.10 P^{0.67} \]

Where \( E \) = rate of emission in pounds per hour; and
\( P \) = process weight rate in tons per hour

D.1.3 FESOP [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4, the Permittee shall comply with the following:

Powder Coating Spray Booth, CD-01:

(a) PM10 emissions after control from the powder coating spray booth, identified as CD-01, shall not exceed 10.50 pounds per hour.

(b) PM2.5 emissions after control from the powder coating spray booth, identified as CD-01, shall not exceed 10.50 pounds per hour.

Compliance with these limits combined with the potential to emit PM10 and PM2.5 from all other emission units at the source, shall limit the source-wide total potential to emit of PM10 and PM2.5 to less than 100 tons per 12 consecutive month period, each, and shall render 326 IAC 2-7 (Part 70 Permits) not applicable.

D.1.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan is required for these facilities and any control device. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements [326 IAC 2-8-5(1)]

D.1.5 Particulate Control

(a) In order to assure compliance with Conditions D.1.1, D.1.2 and D.1.3, the dry cartridge filter shall control the particulate emissions from the electrostatic powder coating spray booth, identified as CD-01, at all times when the electrostatic powder coating spray booth is in operation. The dry cartridge filters shall be operated in accordance with the manufacturer's specifications.

(b) In order to assure compliance with Conditions D.1.1, D.1.2 and D.1.3, the cyclone and dry cartridge filters shall control the particulate emissions from the electrostatic powder coating spray booth, identified as CD-02, at all times when the electrostatic powder coating spray booth is in operation. The cyclone and dry cartridge filters shall be operated in accordance with the manufacturer's specifications.

Compliance Monitoring Requirements [326 IAC 2-8-4(1)][326 IAC 2-8-5(a)(1)]

D.1.6 Parametric Monitoring

The Permittee shall record the pressure drop across the filters at least once per day when the Powder Coating Spray Booths (CD-01 and CD-02) are in operation. When, for any one reading, the pressure drop across a filter is outside the normal range, the Permittee shall take a reasonable response. The normal range for this unit is a pressure drop between 0.5 and 4.0 inches of water unless a different upper-bound or lower-bound value for this range is determined
during the latest stack test. Section C - Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

The instruments used for determining the pressure shall comply with Section C – Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated or replaced at least once every six (6) months.

**Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]**

**D.1.7 Record Keeping Requirements**

(a) To document the compliance status with Condition D.1.6, the Permittee shall maintain daily records of pressure drop across the baghouse(s). The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g. the process did not operate that day).

(b) Section C - General Record Keeping Requirements contains the Permittee's obligations with regard to the records required by this condition.
SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

Plant 1

(b) Natural gas-fired combustion sources consisting of the following:

(1) One (1) Burn Off Oven utilizing two (2) Burners, firing natural gas, each rated at 0.29 million British thermal units per hour, used to burn powder coating overspray from hooks and racks, equipped with an afterburner, and exhausting indoors.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.2.1 Incinerators [326 IAC 4-2-2]

Pursuant to 326 IAC 4-2 (Incinerators), the burn off oven shall:

(a) Consist of primary and secondary chambers or the equivalent;

(b) Be equipped with a primary burner unless burning wood products;

(c) Comply with 326 IAC 5-1 and 326 IAC 2;

(d) Be maintained, operated, and burn waste in accordance with the manufacturer’s specifications or an operation and maintenance plan as specified in 326 IAC 4-2-2(c);

(e) Not emit particulate matter in excess of one (1) of the following:

(1) Three-tenths (0.3) pounds of particulate matter per one thousand (1,000) pounds of dry exhaust gas under standard conditions correct to fifty percent (50%) excess air for incinerators with solid waste capacity of greater than or equal to two hundred (200) pounds per hour.

(2) Five-tenths (0.5) pounds of particulate matter per one thousand (1,000) pounds of dry exhaust gas under standard conditions corrected to fifty percent (50%) excess air for incinerators with solid waste capacity of less than two hundred (200) pounds per hour.

(f) If any of the requirements of (a) through (e) above are not met, the Permittee shall stop charging the incinerator until adjustments are made that address the underlying cause of the deviation.

The Permittee operating the incinerator must make the manufacturer’s specifications or the operation and maintenance plan available to the department upon request.
D.2.2 Carbon Monoxide Emission Limits [326 IAC 9-1-2]

Pursuant to 326 IAC 9-1-2 (Carbon Monoxide Emission Limits), the Permittee shall not operate the Burn Off Oven unless the waste gas stream is burned in one of the following:

(a) Direct-flame afterburner; or

(b) Secondary chamber.

D.2.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan is required for this facility and any control device. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.
SECTION D.3  EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

Plant 2

(f) One (1) cold cleaning degreaser, constructed in 2004, identified as CC1, with a maximum VOC solvent usage of 66 gallons per year, uncontrolled and not equipped with a remote solvent reservoir.

Note: This plant has two (2) additional part washers that do not use solvents that contain VOC or HAPs.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards  [326 IAC 2-8-4(1)]

D.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

(a) Pursuant to 326 IAC 8-3-2(a), the Permittee shall ensure the following control equipment and operating requirements are met:

(1) Equip the degreaser with a cover.

(2) Equip the degreaser with a device for draining cleaned parts.

(3) Close the degreaser cover whenever parts are not being handled in the degreaser.

(4) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases.

(5) Provide a permanent, conspicuous label that lists the operating requirements in subdivisions (3), (4), (6), and (7).

(6) Store waste solvent only in closed containers.

(7) Prohibit the disposal or transfer of waste solvent in such a manner that could allow greater than twenty percent (20%) of the waste solvent (by weight) to evaporate into the atmosphere.

(b) Pursuant to 326 IAC 8-3-2(b), the Permittee shall ensure the following additional control equipment and operating requirements are met:

(1) Equip the degreaser with one (1) of the following control devices if the solvent is heated to a temperature of greater than forty-eight and nine-tenths (48.9) degrees Celsius (one hundred twenty (120) degrees Fahrenheit):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent used is insoluble in, and heavier than, water.

(C) A refrigerated chiller.
(D) Carbon adsorption.

(E) An alternative system of demonstrated equivalent or better control as those outlined in clauses (A) through (D) that is approved by the department. An alternative system shall be submitted to the U.S. EPA as a SIP revision.

(2) Ensure the degreaser cover is designed so that it can be easily operated with one (1) hand if the solvent is agitated or heated.

(3) If used, solvent spray:

(A) must be a solid, fluid stream; and

(B) shall be applied at a pressure that does not cause excessive splashing.

D.3.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-8]

Effective January 1, 2015, the degreasing operation is subject to the requirements of 326 IAC 8-3-8. Pursuant to 326 IAC 8-3-8(a), the Permittee shall not operate a cold cleaner degreaser with a solvent that has a VOC composite partial vapor pressure that exceeds one (1) millimeter of mercury (nineteen-thousandths (0.019) pound per square inch) measured at twenty (20) degrees Celsius (sixty eight (68) degrees Fahrenheit).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

D.3.3 Record Keeping Requirements

(a) To document the compliance status with Condition D.3.2, the Permittee shall maintain each of the following records for each purpose:

(1) The name and address of the solvent supplier.

(2) The date of purchase (or invoice/bill date of contract servicer indicating service date).

(3) The type of solvent purchased.

(4) The total volume of the solvent purchased.

(5) The true vapor pressure of the solvent measured in millimeters of mercury at twenty (20) degrees Celsius (sixty eight (68) degrees Fahrenheit).

(6) All records required by Condition D.3.3(a)(1) through (5) shall be:

(A) retained on-site or accessible electronically from the site for the most recent three (3) year period; and

(B) reasonably accessible for an additional two (2) year period.

(b) Section C - General Record Keeping Requirements contains the Permittee's obligation with regard to the records required to be maintained by this condition.
**Emissions Unit Description:**

(c) Welding operations for sheet metal, structural metal, and wire fabrication operations consisting of the following:

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit ID</th>
<th>Year Constructed</th>
<th>Maximum Capacity (pounds of electrode per hour)</th>
<th>Control</th>
<th>Discharging to Stack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schlatter-65(^{\circ}) - Filtered Resistance Welder</td>
<td>SH395</td>
<td>1999</td>
<td>2</td>
<td>Dust Collector</td>
<td>None</td>
</tr>
<tr>
<td>Schlatter-65(^{\circ}) - Filtered Resistance Welder</td>
<td>SH225</td>
<td>1999</td>
<td>2</td>
<td>Dust Collector</td>
<td>None</td>
</tr>
<tr>
<td>Schlatter-65(^{\circ}) - Filtered Resistance Welder</td>
<td>SH169</td>
<td>2008</td>
<td>2</td>
<td>Dust Collector</td>
<td>None</td>
</tr>
<tr>
<td>Schlatter-65(^{\circ}) - Filtered Resistance Welder</td>
<td>None</td>
<td>2000</td>
<td>2</td>
<td>Dust Collector</td>
<td>None</td>
</tr>
<tr>
<td>Resistance Press Welder - PW427</td>
<td>PW427</td>
<td>1989</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Resistance Press Welder - PW296</td>
<td>PW296</td>
<td>1984</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Resistance Press Welder - PW272</td>
<td>PW272</td>
<td>1971</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Resistance Press Welder - PW064</td>
<td>PW064</td>
<td>1972</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Resistance Press Welder - PW472</td>
<td>PW472</td>
<td>1971</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Resistance Press Welder - PW215</td>
<td>PW215</td>
<td>1972</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Resistance Press Welder - PW431</td>
<td>PW431</td>
<td>1974</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Butt Welder - Manual - Resistance Welder</td>
<td>BW133</td>
<td>1983</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Butt Welder - Manual - Resistance Welder</td>
<td>BW1</td>
<td>1985</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Model</td>
<td>Description</td>
<td>Manufacturer</td>
<td>Serial No.</td>
<td>Year</td>
<td>Efficiency</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>-------------------</td>
<td>--------------</td>
<td>------------</td>
<td>------</td>
<td>------------</td>
</tr>
<tr>
<td>Meritus Fleximan Resistance Welder</td>
<td>SPMF2</td>
<td>1999</td>
<td>1.5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Posi Welder Resistance Welder</td>
<td>None</td>
<td>1999</td>
<td>1.5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Mig Weld-Robot-SpinT-1H-I0418</td>
<td>None</td>
<td>2003</td>
<td>1.04</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Mig Weld-Robot-Car-1H-I0418</td>
<td>None</td>
<td>1997</td>
<td>1.04</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Mig Weld-Robot-Car-2H-I0418</td>
<td>None</td>
<td>2006</td>
<td>1.04</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Mig Weld-Manual-I0402</td>
<td>None</td>
<td>2009</td>
<td>0.125</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Mig Weld-Manual-I0404</td>
<td>None</td>
<td>2009</td>
<td>0.125</td>
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<td>None</td>
</tr>
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<td>Mig Weld-Manual-I0406</td>
<td>None</td>
<td>2010</td>
<td>0.125</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Mig Weld-Manual-I0408</td>
<td>None</td>
<td>2011</td>
<td>0.6</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Mig Weld-Manual-I0410</td>
<td>None</td>
<td>2011</td>
<td>0.6</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Mig Weld-Manual-I0412</td>
<td>None</td>
<td>2012</td>
<td>0.6</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Mig Weld-Manual-SS-I0414</td>
<td>None</td>
<td>2012</td>
<td>0.6</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Under 40 CFR 63, Subpart X, the welding stations are considered affected facilities.

(d) Two (2) laser cutters, constructed in 2005 and 2013, each with a maximum metal thickness of 0.5 inches and maximum metal cutting rate of 50 inches per minute, with particulate emissions controlled by a dust collector, and exhausting indoors.

Under 40 CFR 63, Subpart X, the laser cutters are considered affected facilities.
(e) Machining operations for sheet metal, structural metal, and wire fabrication operations consisting of the following:

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit ID</th>
<th>Year Constructed</th>
<th>Maximum Capacity (pounds per hour)</th>
<th>Control</th>
<th>Discharging to Stack</th>
<th>Affected Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>S&amp;C-Regular Wire - I0112 Shearing Operation</td>
<td>SC502</td>
<td>1999</td>
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<tr>
<td>S&amp;C-Regular Wire - I0113 Shearing Operation</td>
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<td>S&amp;C-Regular Wire - I0115 Shearing Operation</td>
<td>SC501</td>
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<td>1995</td>
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<td>Brake Press-LVD-10’-I0227</td>
<td>BP230</td>
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<td>Brake Press-Hurco-10’-I0229</td>
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<td>Brake Press-Hurco-8’-I0231</td>
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<td>1998</td>
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<td>Brake Press-Mesh-Wysng-I0241</td>
<td>BP443</td>
<td>2005</td>
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<td>Brake Press-Wire Crimping-I0243</td>
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<td>1996</td>
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<td>Punch Press - Heim - I0252</td>
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<td>6, combined</td>
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<tr>
<td>Punch Press - Johnson - I0254</td>
<td>CP319</td>
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<tr>
<td>Trimmer - I0277</td>
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<td>Trimmer - I0278</td>
<td>None</td>
<td>1999</td>
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</tbody>
</table>
### Plant 3

(h) Welding operations for sheet metal, structural metal, and wire fabrication operations consisting of the following:

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit ID</th>
<th>Year Constructed</th>
<th>Maximum Capacity (pounds of electrode per hour)</th>
<th>Control</th>
<th>Discharging to Stack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schlatter-Filtered Resistance Welder</td>
<td>SH187</td>
<td>1998</td>
<td>2</td>
<td>Dust Collector</td>
<td>None</td>
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<tr>
<td>Schlatter-Filtered Resistance Welder</td>
<td>SH334</td>
<td>1994</td>
<td>2</td>
<td>Dust Collector</td>
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<tr>
<td>Schlatter-Filtered Resistance Welder</td>
<td>None</td>
<td>1989</td>
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<td>Dust Collector</td>
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<tr>
<td>Schlatter-Border-Filtered Resistance</td>
<td>SH393</td>
<td>1994</td>
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<td>Dust Collector</td>
<td>None</td>
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<tr>
<td>Welder</td>
<td>SPR No.</td>
<td>Year</td>
<td>Thickness</td>
<td>Position</td>
<td>Position</td>
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<tr>
<td>Athena - Resistance Welder</td>
<td>PW092</td>
<td>1973</td>
<td>0.5</td>
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<tr>
<td>Athena - Resistance Welder</td>
<td>PW433</td>
<td>1971</td>
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<tr>
<td>Athena - Resistance Welder</td>
<td>PW429</td>
<td>1972</td>
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<td>Resistance Press Welder-NO FG-001</td>
<td>PW100</td>
<td>1975</td>
<td>0.5</td>
<td>None</td>
<td>None</td>
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<td>Resistance Press Welder-ROCKER-SP-I0341</td>
<td>PW298</td>
<td>1970</td>
<td>0.5</td>
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<td>Resistance Press Welder-ROCKER-SP-I0345</td>
<td>PW215</td>
<td>1973</td>
<td>0.5</td>
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<tr>
<td>Resistance Press Welder-ROCKER-SP-I0347</td>
<td>PW066</td>
<td>1974</td>
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<tr>
<td>Resistance Press Welder-36&quot;D-I0355</td>
<td>PW214</td>
<td>1973</td>
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<td>Resistance Press Welder-32&quot;D-I0357</td>
<td>PW045</td>
<td>1986</td>
<td>0.5</td>
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<td>Resistance Press Welder-26&quot;D-I0359</td>
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<td>Press Welder-26&quot;D-I0361</td>
<td>PW213</td>
<td>1985</td>
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<td>Press Welder-BALL WELD CELL-I0365</td>
<td>PW305</td>
<td>1975</td>
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<tr>
<td>T-Weld - Manual-I0383</td>
<td>TW002</td>
<td>1998</td>
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<td>Butt Welder - Manual-I0385</td>
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<tr>
<td>Description</td>
<td>Unit ID</td>
<td>Year Constructed</td>
<td>Maximum Capacity (pounds per hour)</td>
<td>Control</td>
<td>Discharging to Stack</td>
</tr>
<tr>
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<td>Flexi T Welder - Resistance Welder</td>
<td>SPMF1</td>
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<td></td>
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</tr>
<tr>
<td>Under 40 CFR 63, Subpart XXXXXX, the welding stations are considered affected facilities.</td>
<td></td>
<td></td>
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</tbody>
</table>

(i) Machining operations for sheet metal, structural metal, and wire fabrication operations consisting of the following:

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit ID</th>
<th>Year Constructed</th>
<th>Maximum Capacity (pounds per hour)</th>
<th>Control</th>
<th>Discharging to Stack</th>
<th>Affected Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>S&amp;C-Heavy-Tank I0112 Shearing Operation</td>
<td>SC239</td>
<td>1991</td>
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<td>Yes under NESHAP XXXXXX</td>
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<td>S&amp;C-Light-I0104 Shearing Operation</td>
<td>SC076</td>
<td>1950</td>
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<td>S&amp;C-SS-I0106 Shearing Operation</td>
<td>None</td>
<td>2010</td>
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<tr>
<td>S&amp;C-Regular Wire - I0108 Shearing Operation</td>
<td>SC401</td>
<td>1993</td>
<td>400, combined</td>
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<tr>
<td>S&amp;C-Regular Wire - I0109 Shearing Operation</td>
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<tr>
<td>S&amp;C-Regular Wire - I0110 Shearing Operation</td>
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<tr>
<td>S&amp;C-Regular Wire - I0119 Shearing Operation</td>
<td>SC503</td>
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<tr>
<td>Brake Press-Hurco-6'-I0233</td>
<td>BP505</td>
<td>1998</td>
<td>40, combined</td>
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<td>Wire Bender - I0268</td>
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<tr>
<td>Turret-H30 - I0202 Punching Machine</td>
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<td>2001</td>
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<td>Year</td>
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<td>Condition</td>
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<td>Turret-VX-1225</td>
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<td>Trimmer - I0291</td>
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<td>Drill Press</td>
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</table>

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

**National Emission Standards for Hazardous Air Pollutants (NESHAP) Requirements [326 IAC 2-8-4(1)]**

**E.1.1 General Provisions Relating to NESHAP [40 CFR Part 63, Subpart A][326 IAC 20-1]**

Pursuant to 40 CFR 63, the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart A - General Provisions, which are incorporated by reference as 326 IAC 20-1, except as otherwise specified in 40 CFR 63, Subpart XXXXXX.


The Permittee, which is primarily engaged in operations of manufacturing fabricated metal products at an area source of HAP emissions shall comply with the following provisions of 40 CFR Part 63, Subpart XXXXXX (included as Attachment A of this permit):

(a) 40 CFR 63.11514(a), (b), (c), (d), (f), and (i)
(b) 40 CFR 63.11515
(c) 40 CFR 63.11516(b), (c), and (f)
(d) 40 CFR 63.11517
(e) 40 CFR 63.11519(a), (b), (c)(1 through 4), (c)(11 through 15)
(f) 40 CFR 63.11521
(g) 40 CFR 63.11522
(h) 40 CFR 63.11523
(i) Table 1
(j) Table 2
FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) CERTIFICATION

Source Name: Mid-West Metal Products
Source Address: 3500 S Hoyt Avenue, 2100 W Mount Pleasant Boulevard, and 3701 S Cowan Road, Muncie, Indiana 47302
FESOP Permit No.: F035-34267-00085

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

☐ Annual Compliance Certification Letter
☐ Test Result (specify)_______________________________________________________
☐ Report (specify)___________________________________________________________
☐ Notification (specify)_____________________________________________________
☐ Affidavit (specify)_______________________________________________________
☐ Other (specify)___________________________________________________________

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:________________________________________________________
Printed Name:_____________________________________________________
Title/Position:_____________________________________________________
Date:_____________________________________________________________
FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
EMERGENCY OCCURRENCE REPORT

Source Name: Mid-West Metal Products
Source Address: 3500 S Hoyt Avenue, 2100 W Mount Pleasant Boulevard, and 3701 S Cowan Road, Muncie, Indiana 47302
FESOP Permit No.: F035-34267-00085

This is an emergency as defined in 326 IAC 2-7-1(12)
• The Permittee must notify the Office of Air Quality (OAQ), within four (4) daytime business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
• The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-8-12.

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:

Control Equipment:

Permit Condition or Operation Limitation in Permit:

Description of the Emergency:

Describe the cause of the Emergency:
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date/Time Emergency started:</td>
<td>N/A</td>
</tr>
<tr>
<td>Date/Time Emergency was corrected:</td>
<td>N/A</td>
</tr>
<tr>
<td>Was the facility being properly operated at the time of the emergency?</td>
<td>N</td>
</tr>
<tr>
<td>Type of Pollutants Emitted: TSP, PM-10, SO₂, VOC, NOₓ, CO, Pb, other:</td>
<td>N/A</td>
</tr>
<tr>
<td>Estimated amount of pollutant(s) emitted during emergency:</td>
<td>N/A</td>
</tr>
<tr>
<td>Describe the steps taken to mitigate the problem:</td>
<td>N/A</td>
</tr>
<tr>
<td>Describe the corrective actions/response steps taken:</td>
<td>N/A</td>
</tr>
<tr>
<td>Describe the measures taken to minimize emissions:</td>
<td>N/A</td>
</tr>
<tr>
<td>If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Form Completed by: ________________________________

Title / Position: ________________________________

Date: ________________________________

Phone: ________________________________
This report shall be submitted quarterly based on a calendar year. Proper notice submittal under Section B - Emergency Provisions satisfies the reporting requirements of paragraph (a) of Section C - General Reporting. Any deviation from the requirements of this permit, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

<table>
<thead>
<tr>
<th>Permit Requirement (specify permit condition #)</th>
<th>Date of Deviation:</th>
<th>Duration of Deviation:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Deviations:</td>
<td></td>
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<tr>
<td>Probable Cause of Deviation:</td>
<td></td>
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<tr>
<td>Response Steps Taken:</td>
<td></td>
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</table>

Form Completed by: ______________________________
Title / Position: ______________________________
Date: ______________________________
Phone: ______________________________
Indiana Department of Environmental Management  
Office of Air Quality

Technical Support Document (TSD) for a Significant Permit Revision to a Federally Enforceable State Operating Permit (FESOP)

<table>
<thead>
<tr>
<th>Source Description and Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Source Name:</strong></td>
</tr>
<tr>
<td><strong>Source Location:</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>County:</strong></td>
</tr>
<tr>
<td><strong>SIC Code:</strong></td>
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<td></td>
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<tr>
<td><strong>Operation Permit No.:</strong></td>
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<tr>
<td><strong>Operation Permit Issuance Date:</strong></td>
</tr>
<tr>
<td><strong>Significant Permit Revision No.:</strong></td>
</tr>
<tr>
<td><strong>Permit Reviewer:</strong></td>
</tr>
</tbody>
</table>

**Source Definition**

This source consists of the following plants:

(a) Plant 1 is located at 3500 South Hoyt Avenue, Muncie, Indiana 47302, Plant ID: 035-00085;

(b) Plant 2 is located at 2100 West Mount Pleasant Boulevard, Muncie, Indiana 47302, Plant ID: 035-00085; and

(c) Plant 3 is located at 3701 South Cowan Road, Muncie, Indiana 47302, Plant ID: 035-00085.

These plants are located on adjacent properties, have the same two-digit SIC Code of 34, have a support relationship, and are under common ownership and control; therefore they will be considered as one (1) major source, as defined by 326 IAC 2-7-1(22).

This determination was initially made under FESOP Renewal No. 035-34267-00085, issued on November 10, 2014.

**Existing Approvals**

The source was issued FESOP Renewal No. 035-34267-00085 on November 10, 2014. The source has since received the following approvals:

(a) Administrative Amendment No. 035-37934-00085, issued on December 28, 2016; and

(b) Significant Permit Revision No. 035-41623-00085, issued on October 22, 2019.
# County Attainment Status

The source is located in Delaware County.

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO₂</td>
<td>Better than national standards.</td>
</tr>
<tr>
<td>CO</td>
<td>Unclassifiable or attainment effective November 15, 1990.</td>
</tr>
<tr>
<td>O₃</td>
<td>Unclassifiable or attainment effective July 20, 2012, for the 2008 8-hour ozone standard.¹</td>
</tr>
<tr>
<td>PM₂.₅</td>
<td>Unclassifiable or attainment effective April 5, 2005, for the annual PM₂.₅ standard.</td>
</tr>
<tr>
<td>PM₁₀</td>
<td>Unclassifiable or attainment effective December 13, 2009, for the 24-hour PM₂.₅ standard.</td>
</tr>
<tr>
<td>NO₂</td>
<td>Cannot be classified or better than national standards.</td>
</tr>
<tr>
<td>Pb</td>
<td>Nonattainment effective December 31, 2010, for a portion of the city of Muncie, Indiana bounded to the north by West Street/Hines Road, to the east by Cowan Road, to the south by West Fuson Road, and to the west by a line running south from the eastern edge of Victory Temple's driveway to South Hoyt Avenue and then along South Hoyt Avenue.</td>
</tr>
</tbody>
</table>

¹Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005.

(a) **Ozone Standards**

Volatile organic compounds (VOC) and Nitrogen Oxides (NOₓ) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOₓ emissions are considered when evaluating the rule applicability relating to ozone. Delaware County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOₓ emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) **PM₂.₅**

Delaware County has been classified as attainment for PM₂.₅. Therefore, direct PM₂.₅, SO₂, and NOₓ emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(c) **Lead (Pb)**

The portion of Delaware County in the City of Muncie bounded by West 26th Street/Hines Road to the north, Cowan Road to the east, West Fuson Road to the south, and South Hoyt Avenue to the west has been classified as nonattainment for Pb in 75 FR 71033 dated November 22, 2010. Therefore, Pb emissions were evaluated pursuant to the requirements of Emission Offset, 326 IAC 2-3.

(d) **Other Criteria Pollutants**

Delaware County has been classified as attainment or unclassifiable in Indiana for all the other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

## Fugitive Emissions

Since this type of operation is not one (1) of the twenty-eight (28) listed source categories under 326 IAC 2-2-1(ff)(1), 326 IAC 2-3-2(g), or 326 IAC 2-7-1(22)(B), and there is no applicable New Source Performance Standard or National Emission Standard for Hazardous Air Pollutants that was in effect on August 7, 1980, fugitive emissions are not counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.
The fugitive emissions of hazardous air pollutants (HAP) are counted toward the determination of Part 70 Permit applicability and source status under Section 112 of the Clean Air Act (CAA).

### Greenhouse Gas (GHG) Emissions

On June 23, 2014, in the case of *Utility Air Regulatory Group v. EPA*, cause no. 12-1146, (available at [http://www.supremecourt.gov/opinions/13pdf/12-1146_4g18.pdf](http://www.supremecourt.gov/opinions/13pdf/12-1146_4g18.pdf)) the United States Supreme Court ruled that the U.S. EPA does not have the authority to treat greenhouse gases (GHGs) as an air pollutant for the purpose of determining operating permit applicability or PSD Major source status. On July 24, 2014, the U.S. EPA issued a memorandum to the Regional Administrators outlining next steps in permitting decisions in light of the Supreme Court’s decision. U.S. EPA’s guidance states that U.S. EPA will no longer require PSD or Title V permits for sources “previously classified as ‘Major’ based solely on greenhouse gas emissions.”

The Indiana Environmental Rules Board adopted the GHG regulations required by U.S. EPA at 326 IAC 2-2-1(zz), pursuant to Ind. Code § 13-14-9-8(h) (Section 8 rulemaking). A rule, or part of a rule, adopted under Section 8 is automatically invalidated when the corresponding federal rule, or part of the rule, is invalidated. Due to the United States Supreme Court Ruling, IDEM, OAQ cannot consider GHG emissions to determine operating permit applicability or PSD applicability to a source or modification.

### Source Status - Existing Source

The table below summarizes the potential to emit of the entire source, prior to the proposed revision, after consideration of all enforceable limits established in the effective permits. If the control equipment has been determined to be integral, the table reflects the potential to emit (PTE) after consideration of the integral control device.

<table>
<thead>
<tr>
<th>Source-Wide Emissions Prior to Revision (ton/year)</th>
<th>PM¹</th>
<th>PM₁₀¹</th>
<th>PM₂,₅¹,₂</th>
<th>SO₂</th>
<th>NOₓ</th>
<th>VOC</th>
<th>CO</th>
<th>Single HAP³</th>
<th>Total HAPs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total PTE of Entire Source Excluding Fugitive Emissions*</td>
<td>70.22</td>
<td>70.35</td>
<td>70.35</td>
<td>0.01</td>
<td>2.24</td>
<td>0.45</td>
<td>1.88</td>
<td>0.04 (Hexane)</td>
<td>0.06</td>
</tr>
<tr>
<td>Title V Major Source Thresholds</td>
<td>NA</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>25</td>
</tr>
<tr>
<td>PSD Major Source Thresholds</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>--</td>
</tr>
</tbody>
</table>

¹Under the Part 70 Permit program (40 CFR 70), PM₁₀ and PM₂,₅, not particulate matter (PM), are each considered as a "regulated air pollutant."
²PM₂,₅ listed is direct PM₂,₅.
³Single highest source-wide HAP
*Fugitive HAP emissions are always included in the source-wide emissions.

(a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no PSD regulated pollutant is emitted at a rate of two hundred fifty (250) tons per year or more and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(ff)(1).

(b) This existing source is not a major source of HAP, as defined in 40 CFR 63.2, because HAP emissions are less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs.

(c) These emissions are based on the TSD of FESOP Significant Permit Revision No. 035-46123-00085, issued on October 22, 2019.
Description of Proposed Revision

The Office of Air Quality (OAQ) has reviewed an application, submitted by Mid-West Metal Products on October 22, 2019, relating to a request for the cyclone in the electrostatic powder coating spray booth, identified as CD-02 to be considered as integral to the coating spray booth.

One (1) electrostatic powder coating spray booth with twenty-four (24) HVLP spray guns, identified as CD-02, approved in 2019 for construction, with a maximum capacity of 2,913.00 pounds of metal parts per hour, consuming a maximum of 108.00 pounds of coating per hour, using an integral powder reclamation cyclone and filter cartridges in series as control, and exhausting indoors.

Note: The filter cartridges are not integral to the electrostatic powder coating spray booth, CD-02.

“Integral Part of the Process” Determination

The source submitted the following information to justify why the cyclone should be considered an integral part of the electrostatic powder coating spray booth, identified as CD-02:

(a) Powder recovery and re-use

The electrostatic powder coating spray booth, identified as CD-02, will utilize a powder collection system which consists of a cyclone that will separate powder from the air stream exiting the booth. The primary purpose of the collection system is to recover and recirculate powder back into the powder coating spray booth.

The powder that does not adhere to the substrate is sucked through slots in the booth floor and delivered to the cyclone as a powder-air mixture. The powder is separated by centrifugal force in the cyclone, and delivered back to the powder feed system for reuse. The cyclone ensures the recovery of usable powder that is fed directly back into the powder feed system serving the coating booth. Additionally, it prevents the area in and around the booth from becoming an explosive powder atmosphere.

The air exiting the cyclone is routed to a cartridge-style dust collector located in the environmental control room. The filter cartridges of the dust collector separate any remaining powder from the air stream into a waste bin. The air stream exits through a final filter and enters the environmental control room.

(b) System Configuration

The electrostatic powder coating spray booth cannot function without the cyclone because the booth is configured and built in a manner that does not allow for the coating guns to operate if the cyclone and filtration system is not in operation first. Additionally, operating without the recovery cyclone would be a major health and safety hazard due to risk of inhalation, and an explosive environment caused by an air/powder mixture.

(c) Cost Analysis

Mid-west Metal Products anticipates a significant cost benefit for the source in utilizing the cyclone as a powder collection system to control emissions from the electrostatic powder coating spray booth, even if there were no regulations.

The source produces custom metal racks and shelving, consisting of both sheet metal and wire parts. Approximately 83% of parts are sheet metal and 17% are wire parts, but 75% sheet metal and 25% wire parts will be conservatively used for the calculations. The transfer efficiency of the powder coating spray booth is 95% for sheet metal and 40% for wire parts.
The source estimates the following as the cost savings from the product recovery process:

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost or Use of Powder Coating at Maximum Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost of powder coating</td>
<td>$2.69/lb</td>
</tr>
<tr>
<td>Pounds of powder coating applied per hour</td>
<td>108 lb/hour</td>
</tr>
<tr>
<td>Cost of powder coating per hour</td>
<td>$290.52/hour</td>
</tr>
</tbody>
</table>

**Savings from Recovered/Reclaimed Powder Coating**

- Reclaim efficiency of cyclone/powder coating spray booth: 90%
- Pounds of recovered powder coating after coating:
  - at 75% of parts coated are sheet metal: 
    \[(108 \text{ lb/hour}) \times (0.75) \times (1 - 0.95)\] = 4.05 lb/hour
  - at 25% of parts coated are wire parts:
    \[(108 \text{ lb/hour}) \times (0.25) \times (1 - 0.40)\] = 16.2 lbs/hour
- Total pounds of recovered powder coating reclaimed per hour:
  \[(4.05 \text{ lb/hour}) + (16.2 \text{ lbs/hour}) \times 0.90\] = 18.22 lbs/hour
- Cost of reclaimed powder coating per hour:
  \[(18.22 \text{ lbs/hour}) \times ($2.69/hour)\] = $49.01/hour
- Cost of reclaimed powder coating per year:
  (the powder coating spray booth is anticipated to operate at 20 hours/day and 230 days/year)
  = $225,454/year

**Savings**

- Annual maintenance and filter replacement of the cyclone: $5,683/year
- Annual savings: $219,771/year

IDEM, OAQ evaluated the information submitted and agrees that the cyclone should be considered an integral part of the electrostatic powder coating spray booth, identified as CD-02. Therefore, the potential to emit PM, PM10 and PM2.5 from the electrostatic powder coating spray booth, identified as CD-02 were calculated after the cyclone for purposes of determining permitting level and applicability of 326 IAC 2-2 and 326 IAC 6-3. Operating conditions in the proposed permit will specify that this cyclone shall operate at all times the electrostatic powder coating spray booth is in operation.

**Enforcement Issues**

There are no pending enforcement actions related to this revision.

**Emission Calculations**

See Appendix A of this Technical Support Document for detailed emission calculations.

**Permit Level Determination – FESOP Significant Permit Revision**

Pursuant to 326 IAC 2-1.1-1(12), Potential to Emit is defined as “the maximum capacity of a stationary source or emission unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA, IDEM, or the appropriate local air pollution control agency.”

The following table is used to determine the appropriate permit level under 326 IAC 2-8-11.1 (Permit Revisions). This table reflects the PTE before controls of the proposed revision. If the control equipment
has been determined to be integral, the table reflects the potential to emit (PTE) after consideration of the integral control device.

<table>
<thead>
<tr>
<th>Process / Emission Unit</th>
<th>PM</th>
<th>PM10</th>
<th>PM2.5</th>
<th>SO2</th>
<th>NOx</th>
<th>VOC</th>
<th>CO</th>
<th>Single HAP</th>
<th>Total HAPs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE Before Modification (CD-02)</td>
<td>283.82</td>
<td>283.82</td>
<td>283.82</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PTE After Modification (CD-02)</td>
<td>8.87</td>
<td>8.87</td>
<td>8.87</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PTE Increase (CD-02)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Total PTE Increase of the Modified Emission Unit(s)/Process(es) (ton/year)

Appendix A of this TSD reflects the detailed potential emissions of the proposed revision.

Pursuant to 326 IAC 2-8-11.1(f)(1)(I), this FESOP is being revised through a FESOP Significant Permit Revision because the proposed revision is not an Administrative Amendment or Minor Permit revision and the proposed revision removes or reduces compliance monitoring, testing, record keeping, reporting, or its frequency.

PTE of the Entire Source After Issuance of the FESOP Revision

The table below summarizes the after issuance source-wide potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of the revision, and only to the extent that the effect of the control equipment is made practically enforceable in the permit. If the control equipment has been determined to be integral, the table reflects the potential to emit (PTE) after consideration of the integral control device.

<table>
<thead>
<tr>
<th>Source-Wide Emissions After Issuance (ton/year)</th>
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</thead>
<tbody>
<tr>
<td>PM1</td>
</tr>
<tr>
<td>-----</td>
</tr>
<tr>
<td>55.42</td>
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Appendix A of this TSD reflects the detailed potential emissions of the proposed revision.

Pursuant to 326 IAC 2-8-11.1(f)(1)(I), this FESOP is being revised through a FESOP Significant Permit Revision because the proposed revision is not an Administrative Amendment or Minor Permit revision and the proposed revision removes or reduces compliance monitoring, testing, record keeping, reporting, or its frequency.

PTE of the Entire Source After Issuance of the FESOP Revision

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<tr>
<td>55.42</td>
</tr>
</tbody>
</table>

1Under the Part 70 Permit program (40 CFR 70), PM10 and PM2.5, not particulate matter (PM), are each considered as a "regulated air pollutant."
2PM2.5 listed is direct PM2.5.
3Single highest source-wide HAP
The cyclone has been determined to be integral to the electrostatic powder coating spray booth, CD-02. Therefore, the PTE of PM, PM10 and PM2.5 for this emission unit are determined after-integral control.
Appendix A of this TSD reflects the detailed potential to emit of the entire source after issuance.

(a) This existing Title V minor stationary source will continue to be minor under 326 IAC 2-7 because the potential to emit criteria pollutants and HAPs from the entire source will continue to be less than or limited to less than the Title V major source threshold levels. Therefore, the source is subject to the provisions of 326 IAC 2-8 (FESOP) and is an area source under Section 112 of the Clean Air Act (CAA).

(b) This existing minor PSD stationary source will continue to be minor under 326 IAC 2-2 because the potential to emit of all PSD regulated pollutants from the entire source will continue to be less than the PSD major source thresholds. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

(c) This existing minor Emission Offset stationary source will continue to be minor under 326 IAC 2-3 because the Source does not have the potential to emit the nonattainment regulated pollutant, Pb. Therefore, pursuant to 326 IAC 2-3, the Emission Offset requirements do not apply.

Federal Rule Applicability Determination

Due to the proposed revision, federal rule applicability has been reviewed as follows:

**New Source Performance Standards (NSPS):**

(a) The requirements of the New Source Performance Standard for Surface Coating of Metal Furniture, 40 CFR 60, Subpart EE and 326 IAC 12, are not included in the permit for the Powder Coating Spray Booth (CD-02), because the Powder Coating Spray Booth (CD-02) is not used for coating metal furniture.

(b) The requirements of the New Source Performance Standard for Automobile and Light Duty Truck Surface Coating Operations, 40 CFR 60, Subpart MM and 326 IAC 12, are not included in the Powder Coating Spray Booth (CD-02), because the source is not an automobile or light duty truck assembly plant.

(c) The requirements of the New Source Performance Standard for Pressure Sensitive Tape and Label Surface Coating Operations, 40 CFR 60, Subpart RR and 326 IAC 12, are not included in the permit for the Powder Coating Spray Booth (CD-02), because the Powder Coating Spray Booth (CD-02) is not a coating line used in the manufacture of pressure sensitive tape and label materials.

(d) The requirements of the New Source Performance Standard for Industrial Surface Coating: Large Appliances, 40 CFR 60, Subpart SS and 326 IAC 12, are not included in the permit for the Powder Coating Spray Booth (CD-02), because the Powder Coating Spray Booth (CD-02) is not used for coating large appliances.

(e) The requirements of the New Source Performance Standard for Metal Coil Surface Coating, 40 CFR 60, Subpart TT and 326 IAC 12, are not included in the permit for the Powder Coating Spray Booth (CD-02), because the Powder Coating Spray Booth (CD-02) is not used for metal coil coating operations.

(f) The requirements of the New Source Performance Standard for the Beverage Can Surface Coating Industry, 40 CFR 60, Subpart WW and 326 IAC 12, are not included in the permit for the Powder Coating Spray Booth (CD-02), because the Powder Coating Spray Booth (CD-02) is not a beverage can surface coating line.

(g) The requirements of the New Source Performance Standard for Magnetic Tape Coating Facilities, 40 CFR 60, Subpart SSS, are not included in the permit for the Powder Coating Spray Booth
(CD-02), because the Powder Coating Spray Booth (CD-02) is not used for coating magnetic tapes.

(h) The requirements of the New Source Performance Standard for Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines, 40 CFR 60, Subpart TTT and 326 IAC 12, are not included in the permit for the Powder Coating Spray Booth (CD-02), because the Powder Coating Spray Booth (CD-02) is not a spray booth for coating plastic parts for use in the manufacture of business machines.

(i) There are no New Source Performance Standards (40 CFR Part 60) and 326 IAC 12 included in the permit for this proposed revision.

National Emission Standards for Hazardous Air Pollutants (NESHAP):

(a) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Automobiles and Light Duty Trucks, 40 CFR 63, Subpart IIII and 326 IAC 20-85 are not included in the permit for the Powder Coating Spray Booth (CD-02), since the Powder Coating Spray Booth (CD-02) does not perform surface coating of automobiles and light duty truck and is not located at a major source of hazardous air pollutants (HAP) emissions.

(b) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Paper and Other Web Coating, 40 CFR 63, Subpart JJJJ and 326 IAC 20-65 are not included in the permit for the Powder Coating Spray Booth (CD-02), since the Powder Coating Spray Booth (CD-02) is not a web coating line and is not located at a major source of HAP emissions.

(c) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Metal Cans, 40 CFR 63, Subpart KKKK and 326 IAC 20-86 are not included in the permit for the Powder Coating Spray Booth (CD-02), since the Powder Coating Spray Booth (CD-02) is not a metal can coating facility and is not located at a major source of HAP emissions.

(d) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Miscellaneous Metal Parts and Products, 40 CFR 63, Subpart MMMM and 326 IAC 20-80 are not included in the permit for the Powder Coating Spray Booth (CD-02), since the Powder Coating Spray Booth (CD-02) is not located at a major source of HAP emissions.

(e) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Large Appliances, 40 CFR 63, Subpart NNNN and 326 IAC 20-63 are not included in the permit for the Powder Coating Spray Booth (CD-02), since the Powder Coating Spray Booth (CD-02) is not used for applying surface coating to large appliance parts or products and is not located in a major source of HAP emissions.

(f) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Plastic Parts and Products, 40 CFR 63, Subpart PPPP and 326 IAC 20-81 are not included in the permit for the Powder Coating Spray Booth (CD-02), since the Powder Coating Spray Booth (CD-02) is not used for coating plastic parts or products and is not located at a major source of HAP emissions.

(g) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Wood Building Products, 40 CFR 63, Subpart QQQQ and 326 IAC 20-79 are not included in the permit for the Powder Coating Spray Booth (CD-02), since the Powder Coating Spray Booth (CD-02) does not perform surface coating of wood building products and is not located at a major source of HAP emissions.

(h) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Metal Furniture, 40 CFR 63, Subpart RRRR and 326 IAC 20-78 are not included in the permit the Powder Coating Spray Booth (CD-02), since the Powder Coating Spray
Booth (CD-02) does not perform surface coating of metal furniture and is not located at a major source of HAP emissions.

(i) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Metal Coil, 40 CFR 63, Subpart SSSS and 326 IAC 20-64 are not included in the permit for the Powder Coating Spray Booth (CD-02), since the Powder Coating Spray Booth (CD-02) is not a coil coating line and is not located at a major source of HAP emissions.

(j) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Metal Coil, 40 CFR 63, Subpart HHHHHH is not included in the permit for the Powder Coating Spray Booth (CD-02), since the source does not perform paint stripping and does not coat motor vehicles and mobile equipment.

(k) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Paint Stripping and Miscellaneous CoatingOperations at Area Sources, 40 CFR 63, Subpart XXXXXX are not included in the permit for the Powder Coating Booth (CD-02), since the Powder Coating Booth (CD-02) does not meet the definition of spray-applied coating in 40 CFR 63.11522 and is not a source of HAP emissions.

(l) There are no National Emission Standards for Hazardous Air Pollutants under 40 CFR 63, 326 IAC 14 and 326 IAC 20 included for this proposed revision.

Compliance Assurance Monitoring (CAM):

Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the unlimited potential to emit of the source is limited to less than the Title V major source thresholds and the source is not required to obtain a Part 70 or Part 71 permit.

State Rule Applicability - Entire Source

Due to this revision, state rule applicability has been reviewed as follows:

326 IAC 2-2 (PSD) and 326 IAC 2-3 (Emission Offset)

PSD and Emission Offset applicability is discussed under the PTE of the Entire Source After Issuance of the FESOP Revision section of this document.

With the determination that the cyclone is integral to the electrostatic powder coating spray booth, CD-02, the PM, PM10 and PM2.5 PTE are now less than 250 tons/year. Therefore, the following existing PSD Minor Source Limits have been removed.

PSD Minor Source Limits

With the addition of the Powder Coating Spray Booth, CD-02, the PM, PM10 and PM2.5 PTE are now greater than 250 tons/year.

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the Permittee shall comply with the following:

(a) The PM emissions from the Powder Coating Spray Booth, CD-02, shall not exceed 5.40 pounds per hour.

(b) The PM10 emissions from the Powder Coating Spray Booth, CD-02, shall not exceed 5.40 pounds per hour.

(c) The PM2.5 emissions from the Powder Coating Spray Booth, CD-02, shall not exceed 5.40 pounds per hour.
Compliance with these limits, combined with the potential to emit PM, PM1, and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM, PM1, and PM2.5 to less than 250 tons per twelve (12) consecutive month period, each, and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

The cyclone and filter cartridges shall be in operation at all times the Powder Coating Booth #2 (CD-02) is in operation, in order to comply with these limits.

326 IAC 2-6 (Emission Reporting)
Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is not located in Lake, Porter, LaPorte, or Lawrenceburg Township, Dearborn County, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.

326 IAC 2-8-4 (FESOP)
FESOP applicability is discussed under the PTE of the Entire Source After Issuance of the FESOP Revision section of this document.

FESOP PM10 and PM2.5 Limit(s)
The determination that the cyclone is integral to the electrostatic powder coating spray booth (CD-02), coupled with the existing FESOP PM10 and PM2.5 limits for the Powder Coating Spray Booth, CD-01, already reduces the source wide PTE of PM10 and PM2.5 to less than 100 tons per year. Therefore, the following existing FESOP PM10 and PM2.5 limits for the Powder Coating Spray Booth, CD-02 have been removed.

Pursuant to 326 IAC 2-8-4 (FESOP), and in order to render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable, the Permittee shall comply with the following:

(a) The PM10 emissions from the Powder Coating Spray Booth, CD-02, shall not exceed 5.40 pounds per hour.

(b) The PM2.5 emissions from the Powder Coating Spray Booth, CD-02, shall not exceed 5.40 pounds per hour.

Compliance with these limits, combined with the potential to emit PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM10 and PM2.5 to less than 100 tons per twelve (12) consecutive month period, each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable.

The cyclone and filter cartridges shall be in operation at all times the Powder Coating Booth #2 (CD-02) is in operation, in order to comply with these limits.

326 IAC 5-1 (Opacity Limitations)
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

(1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
326 IAC 6-4 (Fugitive Dust Emissions Limitations)
Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.

326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)
This source is not subject to the requirements of 326 IAC 6-5, because the source has potential fugitive particulate emissions of less than twenty-five (25) tons per year.

326 IAC 6.5 (Particulate Matter Limitations Except Lake County)
Pursuant to 326 IAC 6.5-1-1(a), this source (located in Delaware County) is not subject to the requirements of 326 IAC 6.5 because it is not located in one of the following counties: Clark, Dearborn, Dubois, Howard, Marion, St. Joseph, Vanderburgh, Vigo or Wayne.

326 IAC 6.8 (Particulate Matter Limitations for Lake County)
Pursuant to 326 IAC 6.8-1-1(a), this source (located in Delaware County) is not subject to the requirements of 326 IAC 6.8 because it is not located in Lake County.

326 IAC 6.8-10 (Lake County: Fugitive Particulate Matter)
Pursuant to 326 IAC 6.8-10-1, this source (located in Delaware County) is not subject to the requirements of 326 IAC 6.8-10 because it is not located in Lake County.

<table>
<thead>
<tr>
<th>State Rule Applicability – Individual Facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Due to the proposed revision, state rule applicability has been reviewed as follows:</td>
</tr>
</tbody>
</table>

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(a), the requirements of 326 IAC 6-3-2 are still applicable to the Powder Coating Booth #2 (CD-02), since it is a manufacturing process not exempted from this rule under 326 IAC 6-3-1(b) and is not subject to a particulate matter limitation that is as stringent as or more stringent than the particulate limitation established in this rule as specified in 326 IAC 6-3-1(c).

Due to the proposed revision, state rule applicability has been reviewed as follows:

Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from the Powder Coating Booth #2 (CD-02) shall not exceed 5.40 pounds per hour when operating at a process weight rate of 1.51 tons per hour. The pound per hour limitation was calculated with the following equation:

\[ E = 4.10 \times P^{0.67} \]

where \( E \) = rate of emission in pounds per hour and \( P \) = process weight rate in tons per hour

<table>
<thead>
<tr>
<th>Summary of Process Weight Rate Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Process / Emission Unit</strong></td>
</tr>
<tr>
<td>CD-02</td>
</tr>
</tbody>
</table>

The cyclone and cartridge filters shall be in operation at all times the Powder Coating Booth #2 (CD-02) is in operation, in order to comply with this limit.
Compliance Determination and Monitoring Requirements

(a) The Compliance Determination Requirements applicable to this revision are as follows:

With the determination that the cyclone is integral to the electrostatic powder coating spray booth, CD-02, the following testing requirements have been removed:

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Control Device</th>
<th>Timeframe for Testing or Date of Initial Valid Demonstration</th>
<th>Pollutant/Parameter</th>
<th>Frequency of Testing</th>
<th>Authority</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD-02</td>
<td>Cyclone and Cartridge Filters in series</td>
<td>180*</td>
<td>PM, PM10 and PM2.5</td>
<td>Every 5 years</td>
<td>326 IAC 2-2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>326 IAC 2-8-4</td>
</tr>
</tbody>
</table>

*No later than 180 days after startup of the emission unit

(b) The Compliance Monitoring Requirements applicable to this proposed revision are as follows:

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Type of Parametric Monitoring</th>
<th>Frequency</th>
<th>Range or Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD-02</td>
<td>Cyclone Inspections</td>
<td>Quarterly</td>
<td>Verify that it is operated and maintained per manufacturer’s specifications</td>
</tr>
<tr>
<td></td>
<td>Pressure drop monitoring</td>
<td>Daily</td>
<td>Within normal range of 0.5 to 4.0 inches of water, unless a different upper or lower value is established in the most recent compliant stack test</td>
</tr>
</tbody>
</table>

These monitoring conditions are necessary because the cyclone and cartridge filters for the particulate emissions must operate properly to assure compliance with 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes) and 326 IAC 2-8 (FESOP).

These compliance monitoring requirements are existing requirements and no changes have been made as part of this revision.

Proposed Changes

The following changes listed below are due to the proposed revision. Deleted language appears as strikethrough text and new language appears as bold text:

(1) IDEM, OAQ has changed the description of an emission unit in the permit.

(2) IDEM, OAQ has removed Emergency Reduction Plans (ERP), FESOP and PSD Minor Limits from the permit.

(2) IDEM, OAQ has removed testing requirement from the permit.

Additional Changes

IDEM, OAQ made additional changes to the permit as described below in order to update the language to match the most current version of the applicable rule, to eliminate redundancy within the permit, and to provide clarification regarding the requirements of these conditions.
A.3 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

(2) One (1) electrostatic powder coating spray booth with twenty-four (24) HVLP spray guns, identified as CD-02, approved in 2019 for construction, with a maximum capacity of 2,913.00 pounds of metal parts per hour, consuming a maximum of 108.00 pounds of coating per hour, with a transfer efficiency of 40%, using an integral powder reclamation cyclone and filter cartridges in series as control, and exhausting indoors.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

<table>
<thead>
<tr>
<th>Emissions Unit Description:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2) One (1) electrostatic powder coating spray booth with twenty-four (24) HVLP spray guns, identified as CD-02, approved in 2019 for construction, with a maximum capacity of 2,913.00 pounds of metal parts per hour, consuming a maximum of 108.00 pounds of coating per hour, with a transfer efficiency of 40%, using an integral powder reclamation cyclone and filter cartridges in series as control, and exhausting indoors.</td>
</tr>
<tr>
<td>(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)</td>
</tr>
</tbody>
</table>

D.1.1 PM Limit [326 IAC 1-5-2]

In order to render the requirements of 326 IAC 1-5-2 (ERP) not applicable, the Permittee shall comply with the following:

(a) The PM emissions after control from the powder coating spray booth, identified as CD-01, shall not exceed 10.50 pounds per hour.

(b) The PM emissions after control from the powder coating spray booth, identified as CD-02, shall not exceed 5.40 pounds per hour.

Compliance with these limits combined with the potential to emit PM from all other emission units at the source, shall limit the source-wide total potential to emit of PM to less than 100 tons per 12 consecutive month period and shall render 326 IAC 1-5-2 (ERP) not applicable.

D.1.2 PSD Minor Limits [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the Permittee shall comply with the following:

Powder Coating Spray Booth, CD-01:

(a) The PM emissions after control from the powder coating spray booth, identified as CD-01, shall not exceed 10.50 pounds per hour.

(b) PM10 emissions after control from the powder coating spray booth, identified as CD-01, shall not exceed 10.50 pounds per hour.

(c) PM2.5 emissions after control from the powder coating spray booth, identified as CD-01, shall not exceed 10.50 pounds per hour.

Powder Coating Spray Booth, CD-02:
(d) The PM emissions after control from the Powder Coating Spray Booth, CD-02, shall not exceed 5.40 pounds per hour.

(e) The PM10 emissions after control from the Powder Coating Spray Booth, CD-02, shall not exceed 5.40 pounds per hour.

(f) The PM2.5 emissions after control from the Powder Coating Spray Booth, CD-02, shall not exceed 5.40 pounds per hour.

Compliance with these limits, combined with the potential to emit PM, PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM, PM10 and PM2.5 to less than 250 tons per twelve (12) consecutive month period, each, and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

D.1.3 2 Particulate Emission Limitations for Manufacturing Processes [326 IAC 6-3-2]

D.1.4 3 FESOP [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4, the Permittee shall comply with the following:

Powder Coating Spray Booth, CD-01:

(a) PM10 emissions after control from the powder coating spray booth, identified as CD-01, shall not exceed 10.50 pounds per hour.

(b) PM2.5 emissions after control from the powder coating spray booth, identified as CD-01, shall not exceed 10.50 pounds per hour.

Powder Coating Spray Booth, CD-02:

(c) PM10 emissions after control from the powder coating spray booth, identified as CD-02, shall not exceed 5.40 pounds per hour.

(d) PM2.5 emissions after control from the powder coating spray booth, identified as CD-02, shall not exceed 5.40 pounds per hour.

Compliance with these limits combined with the potential to emit PM10 and PM2.5 from all other emission units at the source, shall limit the source-wide total potential to emit of PM10 and PM2.5 to less than 100 tons per 12 consecutive month period, each, and shall render 326 IAC 2-7 (Part 70 Permits) not applicable.

D.1.5 4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

D.1.6 5 Particulate Control

Compliance Determination Requirements [326 IAC 2-8-5(1)]

In order to assure compliance with Conditions D.1.1, D.1.2, and D.1.3 and D.1.4, the dry cartridge filter shall control the particulate emissions from the electrostatic powder coating spray booth, identified as CD-01, at all times when the electrostatic powder coating spray booth is in operation. The dry cartridge filters shall be operated in accordance with the manufacturer's specifications.
In order to assure compliance with Conditions D.1.1, D.1.2, and D.1.3 and D.1.4, the cyclone and dry cartridge filters shall control the particulate emissions from the electrostatic powder coating spray booth, identified as CD-02, at all times when the electrostatic powder coating spray booth is in operation. The cyclone and dry cartridge filters shall be operated in accordance with the manufacturer's specifications.

D.1.7 Testing Requirements [326 IAC 2-1.1-11]

In order to assure compliance with Conditions D.1.1, D.1.2, D.1.3 and D.1.4, not later than 180 days after the startup of the Powder Coating Spray Booth, identified as CD-02, the Permittee shall perform PM, PM10 and PM2.5 testing utilizing methods approved by the commissioner. These tests shall be repeated at least once every 5 years from the date of the most recent valid compliance demonstration.

Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C - Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

PM10 and PM2.5 includes filterable and condensable PM.

Compliance Monitoring Requirements [326 IAC 2-8-4(1)][326 IAC 2-8-5(a)(1)]

D.1.8 Parametric Monitoring

The Permittee shall record the pressure drop across the filters at least once per day when the Powder Coating Spray Booths (CD-01 and CD-02) are in operation. When, for any one reading, the pressure drop across a filter is outside the normal range, the Permittee shall take a reasonable response. The normal range for this unit is a pressure drop between 0.5 and 4.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test. Section C - Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

The instruments used for determining the pressure shall comply with Section C – Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated or replaced at least once every six (6) months.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

D.1.9 Record Keeping Requirements

(a) To document the compliance status with Condition D.1.8 6, the Permittee shall maintain daily records of pressure drop across the baghouse(s). The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g. the process did not operate that day).

(b) Section C - General Record Keeping Requirements contains the Permittee's obligations with regard to the records required by this condition.

Conclusion and Recommendation

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on October 22, 2019.

The operation of this proposed revision shall be subject to the conditions of the attached proposed FESOP Significant Permit Revision No. 035-42085-00085. The staff recommends to the Commissioner that the FESOP Significant Permit Revision be approved.
(a) If you have any questions regarding this permit, please contact Olajumoke Kayode, Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251, or by telephone at (317) 234-5373 or (800) 451-6027, and ask for Olajumoke Kayode or (317) 234-5373.

(b) A copy of the findings is available on the Internet at: http://www.in.gov/ai/appfiles/idem-caats/

(c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Air Permits page on the Internet at: http://www.in.gov/idem/airquality/2356.htm; and the Citizens' Guide to IDEM on the Internet at: http://www.in.gov/idem/6900.htm.
Company Name: Mid-West Metal Products  
Address City IN Zip: 3500 S. Hoyt Ave, Muncie, IN 47302  
Permit Revision Number: 035-42085-00085  
Reviewer: Olajumoke Kayode

### Emission Calculations

**Summary of Emissions**

**Emission Unit** | **PM** | **PM** | **PM** | **SO** | **NO** | **VOC** | **CO** | **Total HAPs** | **Worst Single HAP**
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Powder Coat Booth CD-01 | 183.96 | 183.96 | 183.96 | - | - | - | - | - | -
Powder Coat Booth CD-02 | 8.87 | 8.87 | 8.87 | - | - | - | - | - | -
Machining - Plant 2 | 0.17 | 0.17 | 0.17 | - | - | 0.09 | - | - | -
Welding and Cutting - Plant 2 | 0.14 | 0.14 | 0.14 | - | - | - | - | - | 0.01, 8.21E-03 Manganese
Parts Washers - Plant 2 | - | - | - | - | - | 0.22 | - | - | -
Machining - Plant 3 | 0.20 | 0.20 | 0.20 | - | - | 0.16 | - | - | -
Welding - Plant 3 | 0.01 | 0.01 | 0.01 | - | - | - | - | - | 5.48E-04, 5.48E-04 Manganese
Natural Gas Combustion | 0.04 | 0.16 | 0.16 | 0.01 | 2.07 | 0.11 | 1.74 | 0.04 | 0.04 Hexane

**Total** | 193.39 | 193.50 | 193.50 | 0.01 | 2.07 | 0.58 | 1.74 | 0.05 | 0.04 Hexane

*PM2.5 listed is direct PM2.5

### Unlimited Potential to Emitter (tons/year)

**Emission Unit** | **PM** | **PM** | **PM** | **SO** | **NO** | **VOC** | **CO** | **Total HAPs** | **Worst Single HAP**
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Powder Coat Booth CD-01 | 45.99 | 45.99 | 45.99 | - | - | - | - | - | -
Powder Coat Booth CD-02 | 8.87 | 8.87 | 8.87 | - | - | - | - | - | -
Machining - Plant 2 | 0.17 | 0.17 | 0.17 | - | - | 0.09 | - | - | -
Welding and Cutting - Plant 2 | 0.14 | 0.14 | 0.14 | - | - | - | - | - | 0.01, 8.21E-03 Manganese
Parts Washers - Plant 2 | - | - | - | - | - | 0.22 | - | - | -
Machining - Plant 3 | 0.20 | 0.20 | 0.20 | - | - | 0.16 | - | - | -
Welding - Plant 3 | 0.01 | 0.01 | 0.01 | - | - | - | - | - | 5.48E-04, 5.48E-04 Manganese
Natural Gas Combustion | 0.04 | 0.16 | 0.16 | 0.01 | 2.07 | 0.11 | 1.74 | 0.04 | 0.04 Hexane

**Total** | 55.42 | 55.53 | 55.53 | 0.01 | 2.07 | 0.58 | 1.74 | 0.05 | 0.04 Hexane

*PM2.5 listed is direct PM2.5

**Note:** The shaded cells indicate PTE based on these limits.
The limited PTE of PM for CD-02 is based on the 6-3-2 limit.
### Emissions Calculations

#### Particulate

**From Powder Coating Booths - Plant 1**

**Company Name:** Mid-West Metal Products  
**Address City IN Zip:** 3500 S. Hoyt Ave, Muncie, IN 47302  
**Permit Revision Number:** 035-42085-00085  
**Reviewer:** Olajumoke Kayode

<table>
<thead>
<tr>
<th>Emission unit</th>
<th>Maximum Coating Usage (lb/hr)</th>
<th>Transfer Efficiency (%)</th>
<th>Uncontrolled Particulate (lbs/hr)</th>
<th>Uncontrolled Particulate (tons/yr)*</th>
<th>Cartridge Controlled Particulate (lbs/hr)</th>
<th>Cartridge Controlled Particulate (tons/yr)</th>
<th>Cartridge PM/PM10/PM2.5 (ton/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD-01</td>
<td>70.00</td>
<td>40.00%</td>
<td>42.00</td>
<td>183.96</td>
<td>99.00%</td>
<td>0.42</td>
<td>1.84</td>
</tr>
<tr>
<td>CD-02</td>
<td>108.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10.50</td>
</tr>
</tbody>
</table>

**Note**  
All powders used in the coating booths do not contain HAPs according to the SDSs provided by the source.

*Source produces custom metal racks and shelving, consisting of both sheet metal and wire parts. Approximately 83% of parts are sheet metal and 17% are wire parts, but the calculations conservately use 75% sheet metal and 25% wire parts.

**Methodology**

Uncontrolled Particulate (lbs/hr) = Maximum Usage (lbs/hr) * Transfer Efficiency (%)

Uncontrolled Particulate (tons/yr) = Maximum Usage (lbs/hr) * Transfer Efficiency (%) * 8760 (hrs/yr) * 1/2000 (ton/lbs)

Controlled Particulate (lb/hr) = Uncontrolled Particulate (lb/hr) * (1 - % Control Efficiency)

Controlled Particulate (tons/yr) = Uncontrolled Particulate (lb/hr) * (1 - % Control Efficiency) * 8760 (hrs/yr) * 1/2000 (ton/lbs)

**Allowable Rate of Emissions for PM (326 IAC 6-3-2)**

<table>
<thead>
<tr>
<th>Process Rate</th>
<th>Process Weight Rate</th>
<th>Allowable Emissions PM (lbs/hr)</th>
<th>Allowable Emissions PM (tons/yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD-01*</td>
<td>48000.00</td>
<td>24.04</td>
<td>34.51</td>
</tr>
<tr>
<td>CD-02**</td>
<td>2913.00</td>
<td>1.51</td>
<td>5.40</td>
</tr>
</tbody>
</table>

**Methodology**

Allowable Emissions = 4.10(Process Weight Rate)*0.67

* Source provided rate of maximum 20 parts per minute at a maximum 40 pounds per part.

** Source provided 300 parts per hour at 9.71 pounds per part as a realistic worst-case scenario.
### Appendix A: Emissions Calculations

#### Welding and Thermal Cutting (Plant 2)

**Company Name:** Mid-West Metal Products  
**Address City IN Zip:** 3500 S. Hoyt Ave, Muncie, IN 47302  
**Permit Revision Number:** 039-42085-00085  
**Reviewer:** Olajumoke Kayode

#### Process Details

**Process** | **Number of Stations** | **Maximum Metal Thickness (inches)** | **Maximum Metal Cutting Rate (inches/minute)** | **Maximum Metal Cutting Rate (inches/hour)** | **Emission Factors** (lb pollutant/lb electrode) | **Potential to Emit** (lbs/hr) | **HAPs** (lbs/hr) |
<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Welding</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Schlatter Resistance Welder</td>
<td>4</td>
<td>0.05</td>
<td>50</td>
<td>3000</td>
<td>0.0039</td>
<td>0.0001</td>
<td>0.0003</td>
</tr>
<tr>
<td>Resistance Press Welder</td>
<td>7</td>
<td>3.13</td>
<td>3.12</td>
<td>0.0052</td>
<td>0.0005</td>
<td>0.002</td>
<td>2.0E-04</td>
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<tr>
<td>Metal Inert Gas (MIG) (carbon steel)</td>
<td>3</td>
<td>0.06</td>
<td>1.44</td>
<td>0.0052</td>
<td>0.0005</td>
<td>0.001</td>
<td>1.2E-04</td>
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<tr>
<td>Metal Inert Gas (MIG) (carbon steel)</td>
<td>4</td>
<td>0.50</td>
<td>12.00</td>
<td>0.0052</td>
<td>0.0005</td>
<td>0.005</td>
<td>0.000</td>
</tr>
<tr>
<td>Resistance Butt Welder</td>
<td>2</td>
<td>1.50</td>
<td>36.00</td>
<td>0.0052</td>
<td>0.0005</td>
<td>0.016</td>
<td>1.6E-03</td>
</tr>
<tr>
<td>Posi Resistance Welder</td>
<td>1</td>
<td>1.04</td>
<td>24.96</td>
<td>0.0052</td>
<td>0.0005</td>
<td>0.000</td>
<td>0</td>
</tr>
<tr>
<td>Meritus Resistance Welder</td>
<td>1</td>
<td>1.50</td>
<td>36.00</td>
<td>0.0052</td>
<td>0.0005</td>
<td>0.000</td>
<td>0</td>
</tr>
<tr>
<td><strong>Flame Cutting</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Laser Cutter</td>
<td>2</td>
<td>6.5</td>
<td>50</td>
<td>3000</td>
<td>0.0039</td>
<td>0.0001</td>
<td>0.0003</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
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<tr>
<td>Potential to Emit (lbs/hr)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potential to Emit (lbs/day)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potential to Emit (tons/year)</td>
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<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**Methodology:**

*Emission Factors are default values for carbon steel unless a specific electrode type is noted in the Process column.

**Emission Factor for plasma cutting from American Welding Society (AWS). Trials reported for wet cutting of 8 mm thick mild steel with 3.5 m/min cutting speed (at 0.2 g/min emitted).

Therefore, the emission factor for plasma cutting is for 8 mm thick rather than 1 inch, and the maximum metal thickness is not used in calculating the emissions.

Using AWS average values: (0.25 g/min)/(3.6 m/min) x (0.0022 lb/g)/(39.37 in./m) x (1,000 in.) = 0.0039 lb/1,000 in. cut, 8 mm thick

Plasma cutting: Potential to Emit (lbs/hr) = (Number of stations) x (Maximum Metal Thickness, inches) x (Maximum Metal Cutting Rate, inches/minute) x (60 minutes/hour) x (Emission Factor, lb pollutant/1,000 inches cut, 8 mm thick)

Welding: Potential to Emit (lbs/hr) = (Number of stations) x (Maximum electrode consumption per station, lbs/hr) x (Emission Factor, lb pollutant/lb electrode used)

Potential to Emit (lbs/day) = Potential to Emit (lbs/hr) x (24 hours/day)

Potential to Emit (tons/year) = Potential to Emit (lbs/hr) x (8,760 hours/year) x (1 ton/2,000 lbs)
Appendix A: Emissions Calculations
VOC
From Parts Washers - Plant 2

Company Name: Mid-West Metal Products
Address City IN Zip: 3500 S. Hoyt Ave, Muncie, IN 47302
Permit Revision Number: 035-42085-00085
Reviewer: Olajumoke Kayode

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Usage Rate</th>
<th>Density</th>
<th>VOC Content</th>
<th>VOC Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Kleen Premium Solvent</td>
<td>66</td>
<td>6.57</td>
<td>100%</td>
<td>0.22</td>
</tr>
</tbody>
</table>

Potential Emissions (tons/yr) = 0.22 tons/yr

Methodology:
Potential Emissions (tons/yr) = Usage Rate (gals/yr) x Density (lbs/gal) x VOC Content (%) x 8,760 hrs/yr x 1 ton/2000 lbs

The source also has 2 parts washers using Armakleen MPC cleaning solution which does not contain any VOCs or HAPs.
Appendix A: Emissions Calculations
Particulate
From Machining Units - Plant 3

Company Name: Mid-West Metal Products
Address City IN Zip: 3500 S. Hoyt Ave, Muncie, IN 47302
Permit Revision Number: 035-42085-00085
Reviewer: Olajumoke Kayode

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Coolant Used</th>
<th>Parts/hr</th>
<th>Throughput lb/hr</th>
<th>frac. lost</th>
<th>PM/PM10/PM2.5 tons/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>N Seven (7) S&amp;C Regular Wire Shearers*</td>
<td>N</td>
<td>50</td>
<td>400</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>N Two (2) Wire Benders*</td>
<td>N</td>
<td>5</td>
<td>10</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>N Four (4) Brake Presses*</td>
<td>N</td>
<td>10</td>
<td>40</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>N Two (2) Turrets</td>
<td>N</td>
<td>18</td>
<td>36</td>
<td>0.001</td>
<td>0.16</td>
</tr>
<tr>
<td>N Eight (8) Trimmers*</td>
<td>N</td>
<td>5</td>
<td>40</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>N Nibbler*</td>
<td>N</td>
<td>5</td>
<td>5</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>N Thread Machine</td>
<td>N</td>
<td>2</td>
<td>2</td>
<td>0.001</td>
<td>0.01</td>
</tr>
<tr>
<td>Y Drill Press - I0467</td>
<td>Y</td>
<td>2</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Y Chamfer Machine - I0470</td>
<td>Y</td>
<td>2</td>
<td>2</td>
<td>0.001</td>
<td>0.01</td>
</tr>
<tr>
<td>Y Saw - Bandsaw - I0475**</td>
<td>Y</td>
<td>2</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Y Roller - CNC - I0485*</td>
<td>N</td>
<td>5</td>
<td>5</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>N Tumble Deburr-Abrasive-I0492</td>
<td>N</td>
<td>2</td>
<td>2</td>
<td>0.001</td>
<td>0.01</td>
</tr>
</tbody>
</table>

Potential Emissions (tons/yr) = 0.20

Methodology

Emission factors for similar type of emission units located at Mitsubishi Heavy Industries Climate Control, Inc. (Registration AA No. 081-34182-00043, issued on March 11, 2014).

* These processes do not generate particulate matter (i.e. particulates smaller than 100 microns).

**This process uses a cutting coolant as a result no particulate matter emission are anticipated. See page 7 for the VOC emissions from Potential Emissions (Tons PM/PM10/PM2.5/yr) = lb/hr * fraction particulate lost (0.001) * 8,760 hr/yr * 1 ton/2000 lb
## Appendix A: Emissions Calculations

### Particulate

#### From Machining Units - Plant 2

**Company Name:** Mid-West Metal Products  
**Address City IN Zip:** 3500 S. Hoyt Ave, Muncie, IN 47302  
**Permit Revision Number:** 035-42085-00085  
**Reviewer:** Olajumoke Kayode

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Coolant Used</th>
<th>Parts/hr</th>
<th>Throughput lb/hr</th>
<th>frac. lost</th>
<th>PM/PM10/PM2.5 tons/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eight (8) S&amp;C Regular Wire Shearers*</td>
<td>N</td>
<td>50</td>
<td>400</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Six (6) Brake Presses*</td>
<td>N</td>
<td>10</td>
<td>60</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Two (2) Punch Presses</td>
<td>N</td>
<td>3</td>
<td>6</td>
<td>0.001</td>
<td>0.03</td>
</tr>
<tr>
<td>Eight (8) Trimmers*</td>
<td>N</td>
<td>5</td>
<td>40</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Vertical Milling Machine (VM1)**</td>
<td>Y</td>
<td>3</td>
<td>3</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Lathe**</td>
<td>Y</td>
<td>2</td>
<td>2</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Bridgeport**</td>
<td>Y</td>
<td>5</td>
<td>2</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Three (3) Tap Flex Arm Tappers</td>
<td>N</td>
<td>2</td>
<td>6</td>
<td>0.001</td>
<td>0.03</td>
</tr>
<tr>
<td>Thread Machine</td>
<td>N</td>
<td>10</td>
<td>10</td>
<td>0.001</td>
<td>0.04</td>
</tr>
<tr>
<td>Drill Press - I0467</td>
<td>N</td>
<td>5</td>
<td>5</td>
<td>0.001</td>
<td>0.02</td>
</tr>
<tr>
<td>Chamfer Machine - I0470</td>
<td>N</td>
<td>5</td>
<td>5</td>
<td>0.001</td>
<td>0.02</td>
</tr>
<tr>
<td>Saw - Bandsaw - I0475**</td>
<td>Y</td>
<td>5</td>
<td>5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Saw-CNC Saw-90D-I0477**</td>
<td>Y</td>
<td>5</td>
<td>5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Saw-Horiz Band Saw-Angle-I0479**</td>
<td>Y</td>
<td>5</td>
<td>5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pemserter-series 100 -I0482*</td>
<td>N</td>
<td>5</td>
<td>5</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Roller - CNC - I0485*</td>
<td>N</td>
<td>5</td>
<td>5</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Roller-Manual-Niagra-8'-I0487</td>
<td>N</td>
<td>5</td>
<td>5</td>
<td>0.001</td>
<td>0.02</td>
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<tr>
<td>Grind-Deburr-Hand Grind-I0490</td>
<td>N</td>
<td>2</td>
<td>2</td>
<td>0.001</td>
<td>0.01</td>
</tr>
</tbody>
</table>

Potential Emissions (tons/yr) = 0.17

### Methodology

Emission factors for similar type of emission units located at Mitsubishi Heavy Industries Climate Control, Inc. (Registration AA No. 081-34182-00043, issued on March 11, 2014).

* These processes do not generate particulate matter (i.e. particulates smaller than 100 microns).

**These processes use a cutting coolant as a result no particulate matter emission are anticipated. See page 3 for the VOC emissions from the cutting coolant.

Potential Emissions (Tons PM/PM10/PM2.5/yr) = lb/hr * fraction particulate lost (0.001) * 8,760 hr/yr * 1 ton/2000 lb
## Appendix A: Emissions Calculations
### VOC
#### From Machining Units - Plant 2

**Company Name:** Mid-West Metal Products  
**Address City IN Zip:** 3500 S. Hoyt Ave, Muncie, IN 47302  
**Permit Revision Number:** 035-42085-00085  
**Reviewer:** Olajumoke Kayode

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Coolant Used</th>
<th>Amt of Coolant (Gals/hr)</th>
<th>Density (lb/gal)</th>
<th>VOC Content (lb/gal)</th>
<th>VOC tons/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>VM1</td>
<td>Y</td>
<td>0.012</td>
<td>7.42</td>
<td>0.295</td>
<td>0.016</td>
</tr>
<tr>
<td>Lathe</td>
<td>Y</td>
<td>0.012</td>
<td>7.42</td>
<td>0.295</td>
<td>0.016</td>
</tr>
<tr>
<td>Bridgeport</td>
<td>Y</td>
<td>0.012</td>
<td>7.42</td>
<td>0.295</td>
<td>0.016</td>
</tr>
<tr>
<td>Saw - Bandsaw - I0475</td>
<td>Y</td>
<td>0.012</td>
<td>7.42</td>
<td>0.295</td>
<td>0.016</td>
</tr>
<tr>
<td>Saw-CNC Saw-90D-I0477</td>
<td>Y</td>
<td>0.012</td>
<td>7.42</td>
<td>0.295</td>
<td>0.016</td>
</tr>
<tr>
<td>Saw-Horiz Band Saw-Angle-I0479</td>
<td>Y</td>
<td>0.012</td>
<td>7.42</td>
<td>0.295</td>
<td>0.016</td>
</tr>
</tbody>
</table>

Potential Emissions (tons/yr) = 0.093

**Methodology**  
Potential Emissions \( \text{VOC (tons/yr)} = \text{gal/hr} \times \text{VOC Content} \times 8,760 \text{ hr/yr} \times \frac{1}{2000} \text{ lb} \)
### Appendix A: Emissions Calculations

**VOC**

From Machining Units - Plant 3

**Company Name:** Mid-West Metal Products  
**Address City IN Zip:** 3500 S. Hoyt Ave, Muncie, IN 47302  
**Permit Revision Number:** 035-42085-00085  
**Reviewer:** Olajumoke Kayode

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Coolant Used</th>
<th>Amt of Coolant Gals/hr</th>
<th>Density (lb/gal)</th>
<th>VOC Content (lb/gal)</th>
<th>VOC tons/yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saw - Bandsaw - I0475</td>
<td>Y</td>
<td>0.12</td>
<td>7.42</td>
<td>0.295</td>
<td>0.16</td>
</tr>
</tbody>
</table>

**Potential Emissions (tons/yr) =** 0.16

**Methodology**

Potential Emissions VOC (tons/yr) = gal/hr * VOC Content * 8,760 hr/yr * 1 ton/2000 lb
## Appendix A: Emissions Calculations

### Welding (Plant 3)

**Company Name:** Mid-West Metal Products  
**Address:** 3500 S. Hoyt Ave, Muncie, IN 47302  
**Permit Revision Number:** 035-42065-00085  
**Reviewer:** Olajumoke Kayode

<table>
<thead>
<tr>
<th>Process</th>
<th>Number of Stations</th>
<th>Maximum electrode consumption per station (lbs/hr)</th>
<th>Maximum electrode consumption per station (lbs/day)</th>
<th>Emission Factors*</th>
<th>Potential to Emit (lbs/hr)</th>
<th>HAPs (lbs/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schlatter Resistance Welder</td>
<td>4</td>
<td>2.00</td>
<td>48.00</td>
<td>0.00005 Mn</td>
<td>0.000</td>
<td>0.000</td>
</tr>
<tr>
<td>Metal Inert Gas (MIG) (T-Weld)</td>
<td>1</td>
<td>0.25</td>
<td>6.00</td>
<td>0.0052 Mn</td>
<td>0.001</td>
<td>1.3E-04</td>
</tr>
<tr>
<td>Resistance Press Welder</td>
<td>13</td>
<td>0.50</td>
<td>12.00</td>
<td>0.0005 Mn</td>
<td>0.000</td>
<td>0.0E+00</td>
</tr>
<tr>
<td>Resistance Welder</td>
<td>2</td>
<td>1.00</td>
<td>24.00</td>
<td>0.0005 Mn</td>
<td>0.000</td>
<td>0.0E+00</td>
</tr>
<tr>
<td>Flexi T-Weld - Resistance</td>
<td>1</td>
<td>0.25</td>
<td>6.00</td>
<td>0.0005 Mn</td>
<td>0.000</td>
<td>0.0E+00</td>
</tr>
</tbody>
</table>

**Totals**  
Potential to Emit (lbs/hr)  
Potential to Emit (lbs/day)  
Potential to Emit (tons/year)

<table>
<thead>
<tr>
<th></th>
<th>Potential to Emit (lbs/hr)</th>
<th>Potential to Emit (lbs/day)</th>
<th>Potential to Emit (tons/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
</tr>
</tbody>
</table>

|                  | 0.003                      | 0.003                       | 0.003                       |

|                  | 0.01                       | 5.5E-04                     | 5.5E-04                     |

**Methodology:**  
*Emission Factors are default values for carbon steel unless a specific electrode type is noted in the Process column.  
Welding: Potential to Emit (lbs/hr) = (Number of stations) x (Maximum electrode consumption per station, lbs/hr) x (Emission Factor, lb pollutant/lb of electrode used)  
Potential to Emit (lbs/day) = Potential to Emit (lbs/hr) x (24 hours/day)  
Potential to Emit (tons/year) = Potential to Emit (lbs/hr) x (8,760 hours/year) x (1 ton/2,000 lbs)
Appreciation A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100

Company Name: Mid-West Metal Products
Address City IN Zip: 3500 S. Hoyt Ave, Muncie, IN 47302
Permit Revision Number: 035-42985-00085
Reviewer: Olajumoke Kayode

<table>
<thead>
<tr>
<th>Emission Unit ID</th>
<th>Heat Input Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burn off Oven - Plant 1</td>
<td>0.58</td>
</tr>
<tr>
<td>Dry Off Oven - Plant 1</td>
<td>2.25</td>
</tr>
<tr>
<td>Cure Oven - Plant 1</td>
<td>0.79</td>
</tr>
<tr>
<td>Space Heater - Plant 2</td>
<td>0.40</td>
</tr>
<tr>
<td>Space Heater - Plant 2</td>
<td>0.40</td>
</tr>
<tr>
<td>Space Heater - Plant 3</td>
<td>0.40</td>
</tr>
<tr>
<td>Total</td>
<td>4.82</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Heat Input Capacity</th>
<th>HHV</th>
<th>Potential Throughput</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MMBTu/hr</td>
<td>mmscf</td>
<td>MMCF/yr</td>
</tr>
<tr>
<td>Emission Factor in lb/MMCF</td>
<td>PM*</td>
<td>PM10*</td>
<td>direct PM2.5*</td>
</tr>
<tr>
<td>4.8</td>
<td>1.9</td>
<td>7.6</td>
<td>7.6</td>
</tr>
<tr>
<td>0.04</td>
<td>0.16</td>
<td>0.16</td>
<td>0.01</td>
</tr>
</tbody>
</table>

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.
PM2.5 emission factor is filterable and condensable PM2.5 combined.

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology
All emission factors are based on normal firing.
MMBTu = 1,000,000 Btu
MMCF = 1,000,000 Cubic Feet of Gas
Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03

Potential Throughput (MMCF) = Heat Input Capacity (MMBTu/hr) x 8,760 hrs/yr x 1 MMCF/1,020 MMBtu

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

Hazardous Air Pollutants (HAPs)

<table>
<thead>
<tr>
<th>Hazardous Air Pollutants (HAPs)</th>
<th>HAPs - Organics</th>
<th>HAPs - Metals</th>
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</thead>
<tbody>
<tr>
<td>Emission Factor in lb/MMCF</td>
<td>Total - Organics</td>
<td>Total - Metals</td>
</tr>
<tr>
<td>Emission Factor in lb/MMCF</td>
<td>Benzene</td>
<td>Dichlorobenzene</td>
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<tr>
<td>4.8E-05</td>
<td>2.1E-03</td>
<td>1.2E-03</td>
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</tbody>
</table>

Methodology is the same as above.
The five highest organic and metal HAPs emission factors are provided above.
Additional HAPs emission factors are available in AP-42, Chapter 1.4.
December 20, 2019

Marty Wooten
Mid-West Metal Products
2100 West Mt. Pleasant Road
Muncie, Indiana 47302

Re: Public Notice
Mid-West Metal Products
Permit Level: FESOP SPR (Minor PSD)
Permit Number: 035-42085-00085

Dear Marty Wooten:

Enclosed is a copy of your draft FESOP Significant Permit Revision (Minor PSD), Technical Support Document, emission calculations, and the Public Notice.

The Public Notice period will begin the date the Notice is published on the IDEM Official Public Notice website. Publication has been requested and is expected within 2-3 business days. You may check the exact Public Notice begins and ends date here: https://www.in.gov/idem/5474.htm

Please note that as of April 17, 2019, IDEM is no longer required to publish the notice in a newspaper.

OAQ has submitted the draft permit package to the Maring-Hunt Public Library, 2005 South High Street in Muncie, Indiana. As a reminder, you are obligated by 326 IAC 2-1.1-6(c) to place a copy of the complete permit application at this library no later than ten (10) days after submittal of the application or additional information to our department. We highly recommend that even if you have already placed these materials at the library, that you confirm with the library that these materials are available for review and request that the library keep the materials available for review during the entire permitting process.

Please review the enclosed documents carefully. This is your opportunity to comment on the draft permit and notify the OAQ of any corrections that are needed before the final decision. Questions or comments about the enclosed documents should be directed to Ms. Olajumoke Kayode, Indiana Department of Environmental Management, Office of Air Quality, 100 N. Senate Avenue, Indianapolis, Indiana, 46204 or call (800) 451-6027, and ask for extension 4-5373 or dial (317) 234-5373.

Sincerely,

John F. Jackson
Permits Branch
Office of Air Quality

Enclosures
PN Applicant Cover Letter 4/12/19
December 20, 2019

To: Maring-Hunt Public Library

From: Jenny Acker, Branch Chief
Permits Branch
Office of Air Quality

Subject: Important Information to Display Regarding a Public Notice for an Air Permit

Applicant Name: Mid-West Metal Products
Permit Number: 035-42085-00085

Enclosed is a copy of important information to make available to the public. This proposed project is regarding a source that may have the potential to significantly impact air quality. Librarians are encouraged to educate the public to make them aware of the availability of this information. The following information is enclosed for public reference at your library:

- Notice of a 30-day Period for Public Comment
- Draft Permit and Technical Support Document

You will not be responsible for collecting any comments from the citizens. Please refer all questions and request for the copies of any pertinent information to the person named below.

Members of your community could be very concerned in how these projects might affect them and their families. Please make this information readily available until you receive a copy of the final package.

If you have any questions concerning this public review process, please contact Joanne Smiddle-Brush, OAQ Permits Administration Section at 1-800-451-6027, extension 3-0185. Questions pertaining to the permit itself should be directed to the contact listed on the notice.
Notice of Public Comment

December 20, 2019
Mid-West Metal Products
035-42085-00085

Dear Concerned Citizen(s):

You have been identified as someone who could potentially be affected by this proposed air permit. The Indiana Department of Environmental Management, in our ongoing efforts to better communicate with concerned citizens, invites your comment on the draft permit.

Enclosed is a Notice of Public Comment, which has posted on IDEM’s Public Notice website at https://www.in.gov/idem/5474.htm.

The application and supporting documentation for this proposed permit have been placed at the library indicated in the Notice. These documents more fully describe the project, the applicable air pollution control requirements and how the applicant will comply with these requirements.

If you would like to comment on this draft permit, please contact the person named in the enclosed Public Notice. Thank you for your interest in the Indiana’s Air Permitting Program.

Please Note: If you feel you have received this Notice in error, or would like to be removed from the Air Permits mailing list, please contact Patricia Pear with the Air Permits Administration Section at 1-800-451-6027, ext. 3-6875 or via e-mail at PPEAR@IDEM.IN.GOV. If you have recently moved and this Notice has been forwarded to you, please notify us of your new address and if you wish to remain on the mailing list. Mail that is returned to IDEM by the Post Office with a forwarding address in a different county will be removed from our list unless otherwise requested.

Enclosure
PN AAA Cover Letter 4/12/2019
AFFECTED STATE NOTIFICATION OF PUBLIC COMMENT PERIOD
DRAFT INDIANA AIR PERMIT

December 20, 2019

A 30-day public comment period has been initiated for:

**Permit Number:** 035-42085-00085  
**Applicant Name:** Mid-West Metal Products  
**Location:** Muncie, Delaware County, Indiana

The public notice, draft permit and technical support documents can be accessed via the IDEM Air Permits Online site at:  
http://www.in.gov/ai/appfiles/idem-caats/

Questions or comments on this draft permit should be directed to the person identified in the public notice by telephone or in writing to:

Indiana Department of Environmental Management  
Office of Air Quality, Permits Branch  
100 North Senate Avenue  
Indianapolis, IN 46204

Questions or comments regarding this email notification or access to this information from the EPA Internet site can be directed to Chris Hammack at chammack@idem.IN.gov or (317) 233-2414.
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<th>Handing Charges</th>
<th>Act. Value (If Registered)</th>
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<td>1</td>
<td></td>
<td>Marty Wooten  Mid West Metal Products 2100 W Mt Pleasant Rd Muncie IN 47302 (Source CAATS)</td>
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<td>John Smith  President Mid West Metal Products 2100 W Mount Pleasant Blvd Muncie IN 47302 (RO CAATS)</td>
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<td>Muncie City Council and Mayors Office 300 N. High St Muncie IN 47305 (Local Official)</td>
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<td>Delaware County Health Department 200 W Main St, County Bldg Room 207-309 Muncie IN 47305-2874 (Health Department)</td>
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<td>Delaware County Commissioners 100 West Main Street Muncie IN 47305 (Local Official)</td>
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<td>Muncie Public Library (Maring-Hunt Branch) 2005 South High Street Muncie IN 47302 (Library)</td>
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<td>Scott Underwood The Herald Bulletin 1133 Jackson St Anderson IN 46016 (Affected Party)</td>
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<td>Kelsey Bonhivert August Mack Environmental, Inc. 1302 North Meridian Street, Suite 300 Indianapolis IN 46202 (Consultant)</td>
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**Total number of Pieces Received at Post Office**

**Postmaster, Per (Name of Receiving employee)**

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