

Facility ID: 1667090012 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Facility ID: 1667090012 Emissions Unit ID: P001 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Metal melting pot and extrusion press #1	OAC rule 3745-31-05 See F.1 below.	0.15 lb/hr of lead 0.15 lb/hr of particulate matter See A.2.a and A.2.b below.

**2. Additional Terms and Conditions**

- (a) There shall be no visible emissions of particulate matter from building openings. Visible emissions from the melting pot and extrusion presses shall not exceed 5% opacity as a 6-minute average.

**B. Operational Restrictions**

1. The only materials melted in the natural gas induction furnaces shall be non-ferrous materials, including tin, lead, copper, silver and antimony, and excluding aluminum. The materials shall be in the form of pigs, ingots, bars, or rods and shall have no petroleum residue.
2. The permittee shall not use this emissions unit for recovering metals from scrap sources such as lead batteries, copper wire or mill turnings.

**C. Monitoring and/or Record Keeping Requirements**

1. None

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:

0.15 lb/hr of particulate matter

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the procedures and methods specified in 40 CFR Part 60, Appendix A, Method 5 for particulate matter.

Emission Limitation:

0.15 lb/hr of lead

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the procedures and methods specified in 40 CFR Part 60, Appendix A, Method 12 for lead.

Emission Limitation:

5% opacity as a 6-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)  
Emission Limitation:

no visible emissions from building openings

Applicable Compliance Method:

OAC rule 3745-17-03(B)(4)

**F. Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 16-1516, as issued on April 3, 1997: A, B, C, D, and E.

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Facility ID: 1667090012 Emissions Unit ID: P002 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Metal melting pot and extrusion press #2	OAC rule 3745-31-05 See F.1 below.	0.15 lb/hr of lead 0.15 lb/hr of particulate matter See A.2.a and A.2.b below.

**2. Additional Terms and Conditions**

- (a) There shall be no visible emissions of particulate matter from building openings. Visible emissions from the melting pot and extrusion presses shall not exceed 5% opacity as a 6-minute average.

**B. Operational Restrictions**

1. The only materials melted in the natural gas induction furnaces shall be non-ferrous materials, including tin, lead, copper, silver and antimony, and excluding aluminum. The materials shall be in the form of pigs, ingots, bars, or rods and shall have no petroleum residue.
2. The permittee shall not use this emissions unit for recovering metals from scrap sources such as lead batteries, copper wire or mill turnings.

**C. Monitoring and/or Record Keeping Requirements**

1. None

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitation:

0.15 lb/hr of particulate matter

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the procedures and methods specified in 40 CFR Part 60, Appendix A, Method 5 for particulate matter.  
Emission Limitation:

0.15 lb/hr of lead

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the procedures and methods specified in 40 CFR Part 60, Appendix A, Method 12 for lead.  
Emission Limitation:

5% opacity as a 6-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)

Emission Limitation:

no visible emissions from building openings

Applicable Compliance Method:

OAC rule 3745-17-03(B)(4)

**F. Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 16-1516, as issued on April 3, 1997: A, B, C, D, and E.

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Facility ID: 1667090012 Emissions Unit ID: P003 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Premelt pot press #1	OAC rule 3745-31-05 See F.1 below.	0.15 lb/hr of lead 0.15 lb/hr of particulate matter See A.2.a and A.2.b below.

**2. Additional Terms and Conditions**

- (a) There shall be no visible emissions of particulate matter from building openings. Visible emissions from the melting pot and extrusion presses shall not exceed 5% opacity as a 6-minute average.

**B. Operational Restrictions**

1. The only materials melted in the natural gas induction furnaces shall be non-ferrous materials, including tin, lead, copper, silver and antimony, and excluding aluminum. The materials shall be in the form of pigs, ingots, bars, or rods and shall have no petroleum residue.
2. The permittee shall not use this emissions unit for recovering metals from scrap sources such as lead batteries, copper wire or mill turnings.

**C. Monitoring and/or Record Keeping Requirements**

1. None

**D. Reporting Requirements**

- 1. None
- E. **Testing Requirements**
  - 1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:  
  
0.15 lb/hr of particulate matter  
  
Applicable Compliance Method:  
  
If required, compliance shall be determined in accordance with the procedures and methods specified in 40 CFR Part 60, Appendix A, Method 5 for particulate matter.  
Emission Limitation:  
  
0.15 lb/hr of lead  
  
Applicable Compliance Method:  
  
If required, compliance shall be determined in accordance with the procedures and methods specified in 40 CFR Part 60, Appendix A, Method 12 for lead.  
Emission Limitation:  
  
5% opacity as a 6-minute average  
  
Applicable Compliance Method:  
  
OAC rule 3745-17-03(B)(1)  
Emission Limitation:  
  
no visible emissions from building openings  
  
Applicable Compliance Method:  
  
OAC rule 3745-17-03(B)(4)

F. **Miscellaneous Requirements**

- 1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 16-1516, as issued on April 3, 1997: A, B, C, D, and E.

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Facility ID: 1667090012 Emissions Unit ID: P004 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

A. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Alloy pot #1	OAC rule 3745-31-05 See F.1 below.	0.30 lb/hr of lead 0.31 lb/hr of particulate matter See A.2.a and A.2.b below.

2. **Additional Terms and Conditions**

- (a) There shall be no visible emissions of particulate matter from building openings. Visible emissions from the melting pot and extrusion presses shall not exceed 5% opacity as a 6-minute average.

B. **Operational Restrictions**

1. The only materials melted in the natural gas induction furnaces shall be non-ferrous materials, including tin, lead, copper, silver and antimony, and excluding aluminum. The materials shall be in the form of pigs, ingots, bars, or rods and shall have no petroleum residue.
  2. The permittee shall not use this emissions unit for recovering metals from scrap sources such as lead batteries, copper wire or mill turnings.
- C. Monitoring and/or Record Keeping Requirements**
1. None
- D. Reporting Requirements**
1. None
- E. Testing Requirements**
1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:  
  
0.31 lb/hr of particulate matter  
  
Applicable Compliance Method:  
  
If required, compliance shall be determined in accordance with the procedures and methods specified in 40 CFR Part 60, Appendix A, Method 5 for particulate matter.  
Emission Limitation:  
  
0.30 lb/hr of lead  
  
Applicable Compliance Method:  
  
If required, compliance shall be determined in accordance with the procedures and methods specified in 40 CFR Part 60, Appendix A, Method 12 for lead.  
Emission Limitation:  
  
5% opacity as a 6-minute average  
  
Applicable Compliance Method:  
  
OAC rule 3745-17-03(B)(1)  
Emission Limitation:  
  
no visible emissions from building openings  
  
Applicable Compliance Method:  
  
OAC rule 3745-17-03(B)(4)
- F. Miscellaneous Requirements**
1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 16-1516, as issued on April 3, 1997: A, B, C, D, and E.

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**Facility ID: 1667090012 Emissions Unit ID: P005 Issuance type: Final State Permit To Operate**

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
    - (a) None.
  2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
    - (a) None.
- A. Applicable Emissions Limitations and/or Control Requirements**
1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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|--------------|---------------------------------------|--|
| Alloy pot #2 | OAC rule 3745-31-05<br>See F.1 below. | 0.30 lb/hr of lead<br>0.31 lb/hr of particulate matter<br>See A.2.a and A.2.b below. |
|--------------|---------------------------------------|--|
2. **Additional Terms and Conditions**
- (a) There shall be no visible emissions of particulate matter from building openings.  
Visible emissions from the melting pot and extrusion presses shall not exceed 5% opacity as a 6-minute average.
- B. **Operational Restrictions**
1. The only materials melted in the natural gas induction furnaces shall be non-ferrous materials, including tin, lead, copper, silver and antimony, and excluding aluminum. The materials shall be in the form of pigs, ingots, bars, or rods and shall have no petroleum residue.
2. The permittee shall not use this emissions unit for recovering metals from scrap sources such as lead batteries, copper wire or mill turnings.
- C. **Monitoring and/or Record Keeping Requirements**
1. None
- D. **Reporting Requirements**
1. None
- E. **Testing Requirements**
1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:
- Emission Limitation:
- 0.31 lb/hr of particulate matter
- Applicable Compliance Method:
- If required, compliance shall be determined in accordance with the procedures and methods specified in 40 CFR Part 60, Appendix A, Method 5 for particulate matter.
- Emission Limitation:
- 0.30 lb/hr of lead
- Applicable Compliance Method:
- If required, compliance shall be determined in accordance with the procedures and methods specified in 40 CFR Part 60, Appendix A, Method 12 for lead.
- Emission Limitation:
- 5% opacity as a 6-minute average
- Applicable Compliance Method:
- OAC rule 3745-17-03(B)(1)
- Emission Limitation:
- no visible emissions from building openings
- Applicable Compliance Method:
- OAC rule 3745-17-03(B)(4)
- F. **Miscellaneous Requirements**
1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 16-1516, as issued on April 3, 1997: A, B, C, D, and E.