



DEPARTMENT ORDER

**Enterprise Casting Corporation  
Androscoggin County  
Lewiston, Maine  
A-108-71-I-R/T**

**Departmental  
Findings of Fact and Order  
Air Emission License  
Renewal and Transfer**

**FINDINGS OF FACT**

After review of the air emission license renewal application, license transfer request, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 Maine Revised Statutes (M.R.S.) § 344 and § 590, the Maine Department of Environmental Protection (Department) finds the following facts:

**I. REGISTRATION**

A. Introduction

Enterprise Casting Corporation (Enterprise) has applied to renew their Air Emission License for the operation of emission sources associated with their cast iron and ductile iron foundry facility. Enterprise has additionally requested the transfer the Air Emission License from Enterprise Castings, LLC to Enterprise Casting Corporation through a letter to the Department dated July 21, 2022.

The equipment addressed in this license is located at 40 South Ave, Lewiston, Maine.

B. Title, Right, or Interest

In their application, Enterprise Casting Corporation submitted copies of a lease demonstrating interest in the facility. Enterprise Casting Corporation has provided sufficient evidence of title, right, or interest in the facility for purposes of this air emission license.

C. Technical Capacity and Intent

Enterprise Casting Corporation's acquisition of the facility is not expected to result in any significant change in the employees who currently operate the equipment and facilities and conduct activities relative to the air emission license. The facility's regulatory history with the Department demonstrates that the environmental personnel are competent in air pollution control. The information submitted in the application provides sufficient evidence that Enterprise Casting Corporation has the technical capacity and intent to comply with their air emission license.

D. Full Name and Address

The full name and address of the new owner is:

Enterprise Casting Corporation  
 40 South Ave.  
 Lewiston ME, 04240

E. Certification

Enterprise Casting Corporation certifies that there will be no increase in air emissions beyond that provided for in the existing licenses, either in quantity or type.

F. Emission Equipment

The following equipment is addressed in this air emission license:

**Process Equipment**

Equipment	Production Rate	Pollution Control Equipment
Electric Furnace #1	1 ton/hr	Baghouse
Electric Furnace #2	1 ton/hr	Baghouse
Electric Furnace #3	1 ton/hr	Baghouse

**Insignificant Fuel Burning Equipment<sup>1</sup>**

Equipment	Max. Capacity (MMBtu/hr)	Fuel Type, % sulfur
Boiler #1	0.35	distillate, 0.0015%
Oven #5	0.30	
Water Heater #2	0.15	natural gas, neg.
Heater #3	0.25	
Heater #6	0.10	
Heater #7	0.10	
Heater #8	0.10	
Oven #9	0.30	
Oven #10	0.18	
Heater #11	0.25	
Heater #12	0.10	
Heater #13	0.10	
Oven #14	0.07	
Oven #15	0.07	

<sup>1</sup> This table identifies equipment below air emission licensing thresholds that are included here for completeness purposes only.

Enterprise may operate small stationary engines smaller than 0.5 MMBtu/hr. These engines are considered insignificant activities and are not required to be included in this license. However, they are still subject to applicable State and Federal regulations. More information regarding requirements for small stationary engines is available on the Department's website at the link below.

<http://www.maine.gov/dep/air/publications/docs/SmallRICEGuidance.pdf>

Additionally, Enterprise may operate portable engines used for maintenance or emergency-only purposes. These engines are considered insignificant activities and are not required to be included in this license. However, they may still be subject to applicable State and Federal regulations.

#### G. Definitions

Scrap provider means the person (including a broker) who contracts directly with an iron and steel foundry to provide motor vehicle scrap. Scrap processors such as shredder operators or vehicle dismantlers that do not sell scrap directly to a foundry are not *scrap providers*.

Annual metal melt production means the quantity of metal melted in a metal melting furnace or group of all metal melting furnaces at the iron and steel foundry in a given calendar year. For the purposes of this subpart, metal melt production is determined on the basis on the quantity of metal charged to each metal melting furnace; the sum of the metal melt production for each furnace in a given calendar year is the annual metal melt production of the foundry.

Records or Logs mean either hardcopy or electronic records.

#### H. Application Classification

All rules, regulations, or statutes referenced in this air emission license refer to the amended version in effect as of the date this license was issued.

The application for Enterprise does not include the licensing of increased emissions or the installation of new or modified equipment. Therefore, the license is considered to be a transfer and renewal of currently licensed emission units only and has been processed through *Major and Minor Source Air Emission License Regulations*, 06-096 Code of Maine Rules (C.M.R.) ch. 115.

I. Facility Classification

The facility is licensed as follows:

- As a natural minor source of air emissions, because no license restrictions are necessary to keep facility emissions below major source thresholds for criteria pollutants; and
- As an area source of hazardous air pollutants (HAP), because the licensed emissions are below the major source thresholds for HAP.

II. **BEST PRACTICAL TREATMENT (BPT)**

A. Introduction

In order to receive a license, the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in *Definitions Regulation*, 06-096 C.M.R. ch. 100. Separate control requirement categories exist for new and existing equipment.

BPT for existing emissions equipment means that method which controls or reduces emissions to the lowest possible level considering:

- the existing state of technology;
- the effectiveness of available alternatives for reducing emissions from the source being considered; and
- the economic feasibility for the type of establishment involved.

B. Process Description

Enterprise produces gray iron castings from scrap iron and foundry returns by melting, alloying, and molding. The major production steps are raw materials handling and preparation, metal melting, mold core production, casting, and finishing.

The electric induction furnaces are refractory lined vessels that are surrounded by electrical coils which, when energized with high frequency alternating current, produce a fluctuating electromagnetic field to heat the metal charge to 2900 °F. The molten metal is transferred to molds where it solidifies to a specified form.

Castings attain their shape by the use of molds and cores. While molds are used to shape the exterior of the casting, the cores are used like molds to shape the internal voids in the castings.

Molds are prepared from a mixture of wet sand, clay, and organic additives to make the mold shapes. The sand used to make the molds consists of virgin sand and sand recovered from pre-used molds. The recovered sand is broken down to a specified consistency and mixed with the virgin sand.

Cores are made by mixing sand with organic binders, molding the sand into a core, and baking the core in an oven.

After the castings have cured and been removed from the molds, they are shot-blasted to remove excess sand left from the molds. The castings are then ground to an acceptable form before they are shipped off-site.

C. Particulate Emissions Control

Enterprise utilizes several baghouse particulate filter systems throughout the production process. The baghouses used in the production process at Enterprise are a variety of large and small baghouses that vent both inside the facility and outside.

1. Electric Induction Furnaces

A maximum of two of the three electric induction furnaces can be operated at one time because there are only two electric power supplies for the three furnaces. Typically, Enterprise operates only one furnace at a time. The operation of a maximum of two furnaces simultaneously and the use of baghouses to control particulate emissions is considered BPT for this source.

The baghouses that control particulate emissions from the furnace area exhausts outside of the building and as such are subject to the visible emission standard 06-096 C.M.R. ch. 101(3)(B)(3). Visible emissions from baghouses controlling particulate emissions from the furnace area shall not exceed 10% opacity on a six-minute block average basis. Enterprise shall take corrective action if visible emissions from the baghouses in the furnace area exceed 5% opacity on a six-minute block average basis.

2. Process Areas with Indoor Exhausting Baghouses

Several areas in the production processes at Enterprise utilize baghouses to control indoor particulate emissions from various activities. These include the sand preparation area, shot blasting area, pattern shop, IMF mixing area, and the grinding area. As these baghouses do not vent outside the building, they are considered categorically exempt according to 06-096 C.M.R. ch. 115, Appendix B and therefore do not have a visible emissions requirement under 06-096 C.M.R. ch. 101.

If, at any time, Enterprise exhausts any baghouse outside the building, they will no longer be considered exempt and will share the same visible emission standard as those in the furnace area.

3. Baghouse Maintenance and Recordkeeping

All baghouses shall be maintained in accordance with the manufacturer's written instructions in order to maintain optimal removal efficiency. Logs shall be kept of all maintenance done on each baghouse.

D. 40 C.F.R. Part 63, Subpart ZZZZZ - National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources

Enterprise is subject to the conditions of 40 C.F.R. Part 63, Subpart ZZZZZ, *National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources*. The currently applicable requirements are listed below.

1. Notifications

- a. Enterprise was required to submit an initial notification of applicability within 120 days after becoming subject to Subpart ZZZZZ. This notification was submitted on April 8, 2008. [40 C.F.R. § 63.10890(b)]
- b. Enterprise was required to determine the initial applicability requirements of Subpart ZZZZZ and report those findings to the Department in a Notification of Compliance Status report by January 2, 2009. [40 C.F.R. §§ 63.10880(f) and 63.10890(c)]

Enterprise was found to be classified as a small foundry and submitted the Notification of Compliance Status report to the Department on January 12, 2008.

2. Management Practices

- a. Enterprise shall comply with the requirements of the metallic scrap management program as found in 40 C.F.R. § 63.10885(a) including but not limited to the following:
  - (1) Enterprise shall prepare and operate at all times according to written material specifications for the purchase and use of only metal ingots, pig iron, slitter, or other materials that do not include post-consumer automotive body scrap, post-consumer engine blocks, post-consumer oil filters, oily turnings, lead components, chlorinated plastics, or free liquids.
  - (2) Enterprise shall prepare and operate at all times according to written material specifications for the purchase and use of only iron and steel scrap that has been depleted (to the extent practicable) of organics and HAP metals in the charge materials used by the iron and steel foundry.

(3) Each written material specification must be kept onsite and readily available to all personnel with material acquisition duties. Further, Enterprise shall provide a copy of the material specifications to each scrap provider.

(4) Enterprise may have scrap subject to § 63.10885(a)(1) and other scrap subject to § 63.10885(a)(2) at the facility provided the metallic scrap remains segregated until charge make-up.

[40 C.F.R. § 63.10885(a)]

- b. To comply with the requirement of Subpart ZZZZZ to manage the acquisition and handling of material that may contain mercury, Enterprise has elected to comply with the option denoted in 40 C.F.R. § 63.10886(b)(4) by not obtaining any scrap that contains any motor vehicle scrap. Enterprise shall maintain records that the material obtained does not contain motor vehicle scrap. [40 C.F.R. § 63.10885(b)]
- c. Enterprise shall use a binder chemical formulation that does not use methanol as a specific ingredient of the catalyst formulation. This requirement does not apply to the resin portion of the binder system. [40 C.F.R. § 63.10886]
- d. At all times, Enterprise shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. [40 C.F.R. § 63.10890(i)]

### 3. Recordkeeping and Reporting

- a. Enterprise shall maintain records of all information for at least five years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent two years of data shall be retained on site. The remaining three years of data may be retained off site. [40 C.F.R. § 63.10890(d)]

Please note that 06-096 C.M.R. ch. 115 (3)(E)(5)(h) as found in Standard Condition (8) of this license requires that applicable records be maintained for a minimum period of 6 years, and the above does not supersede that requirement.

Enterprise shall maintain the following records:

- (1) Records of initial notification of applicability and notification of compliance status according to § 63.10(b)(2)(xiv).
- (2) Records of written materials specifications according to § 63.10885(a) and records that demonstrate compliance with the requirements for restricted metallic scrap in § 63.10885(a)(1) and/or for the use of general scrap in

§ 63.10885(a)(2). Enterprise shall keep records documenting compliance with § 63.10885(b)(4) for scrap that does not contain motor vehicle scrap.

- (3) Records to document use of binder chemical formulation that does not contain methanol as a specific ingredient of the catalyst formulation for each furfuryl alcohol warm box mold or core making line as required by § 63.10886. These records must be the Safety Data Sheet (provided that it contains appropriate information), a certified product data sheet, or a manufacturer's hazardous air pollutant data sheet.
- (4) Records of the annual quantity and composition of each HAP-containing chemical binder or coating material used to make molds and cores. These records must be copies of purchasing records, Safety Data Sheets, or other documentation that provides information on the binder or coating materials used.
- (5) Records of metal melt production for each calendar year.  
[40 C.F.R. § 63.10890(e)]
- b. Enterprise shall submit semiannual compliance reports to the Department and the EPA according to the requirements in § 63.10899(c), (f), and (g), except that § 63.10899(c)(5) and (7) do not apply. [40 C.F.R. § 63.10890(f)]
- c. Enterprise shall submit notifications or reports to the EPA via CEDRI, which can be accessed through the EPA's Central Data Exchange (CDX) (<https://cdx.epa.gov/>). [40 C.F.R. § 63.10899(c)]
- d. If the annual metal melt production exceeds 20,000 tons during the preceding calendar year, Enterprise shall notify the EPA and the Department within 30 days of the change of status to a large foundry under Subpart ZZZZZ.

Enterprise shall comply with the requirements of Subpart ZZZZZ for large foundries within two years after the above notification is submitted.  
[40 C.F.R. § 63.10890(h)]

#### E. Parts Washer

The parts washer was manufactured and installed prior to 2012 and has a design capacity of 10 gallons. The parts washer is subject to *Solvent Cleaners*, 06-096 C.M.R. ch. 130 and records shall be kept documenting compliance.

This equipment is exempt from *Industrial Cleaning Solvents*, 06-096 C.M.R. ch. 166 pursuant to Section (3)(B).



F. Fugitive Emissions

Visible emissions from a fugitive emission source (including stockpiles and roadways) shall not exceed 20% opacity on a five-minute block average basis.

G. General Process Emissions

Visible emissions from any general process source shall not exceed 20% opacity on a six-minute block average basis.

H. Annual Emissions

This facility does not have quantified annual emissions of criteria pollutants for any emissions units; thus, there are no corresponding annual tons/year limits for the facility.

If the Department determines that any parameter or emission units deviate from what was included in the application, the Department may require Enterprise to submit additional information and may require an ambient air quality impact analysis or other requirements at that time.

## ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards, and
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-108-71-I-R/T subject to the following conditions.

Severability. The invalidity or unenforceability of any provision of this License or part thereof shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

## STANDARD CONDITIONS

- (1) Employees and authorized representatives of the Department shall be allowed access to the licensee's premises during business hours, or any time during which any emissions units are in operation, and at such other times as the Department deems necessary for the purpose of performing tests, collecting samples, conducting inspections, or examining and copying records relating to emissions (38 M.R.S. § 347-C).

- (2) The licensee shall acquire a new or amended air emission license prior to commencing construction of a modification, unless specifically provided for in Chapter 115. [06-096 C.M.R. ch. 115]
- (3) Approval to construct shall become invalid if the source has not commenced construction within eighteen (18) months after receipt of such approval or if construction is discontinued for a period of eighteen (18) months or more. The Department may extend this time period upon a satisfactory showing that an extension is justified, but may condition such extension upon a review of either the control technology analysis or the ambient air quality standards analysis, or both. [06-096 C.M.R. ch. 115]
- (4) The licensee shall establish and maintain a continuing program of best management practices for suppression of fugitive particulate matter during any period of construction, reconstruction, or operation which may result in fugitive dust, and shall submit a description of the program to the Department upon request. [06-096 C.M.R. ch. 115]
- (5) The licensee shall pay the annual air emission license fee to the Department, calculated pursuant to Title 38 M.R.S. § 353-A. [06-096 C.M.R. ch. 115]
- (6) The license does not convey any property rights of any sort, or any exclusive privilege. [06-096 C.M.R. ch. 115]
- (7) The licensee shall maintain and operate all emission units and air pollution systems required by the air emission license in a manner consistent with good air pollution control practice for minimizing emissions. [06-096 C.M.R. ch. 115]
- (8) The licensee shall maintain sufficient records to accurately document compliance with emission standards and license conditions and shall maintain such records for a minimum of six (6) years. The records shall be submitted to the Department upon written request. [06-096 C.M.R. ch. 115]
- (9) The licensee shall comply with all terms and conditions of the air emission license. The filing of an appeal by the licensee, the notification of planned changes or anticipated noncompliance by the licensee, or the filing of an application by the licensee for a renewal of a license or amendment shall not stay any condition of the license. [06-096 C.M.R. ch. 115]
- (10) The licensee may not use as a defense in an enforcement action that the disruption, cessation, or reduction of licensed operations would have been necessary in order to maintain compliance with the conditions of the air emission license. [06-096 C.M.R. ch. 115]

- (11) In accordance with the Department's air emission compliance test protocol and 40 C.F.R. Part 60 or other method approved or required by the Department, the licensee shall:
- A. Perform stack testing to demonstrate compliance with the applicable emission standards under circumstances representative of the facility's normal process and operating conditions:
    - 1. Within sixty (60) calendar days of receipt of a notification to test from the Department or EPA, if visible emissions, equipment operating parameters, staff inspection, air monitoring or other cause indicate to the Department that equipment may be operating out of compliance with emission standards or license conditions; or
    - 2. Pursuant to any other requirement of this license to perform stack testing.
  - B. Install or make provisions to install test ports that meet the criteria of 40 C.F.R. Part 60, Appendix A, and test platforms, if necessary, and other accommodations necessary to allow emission testing; and
  - C. Submit a written report to the Department within thirty (30) days from date of test completion.  
[06-096 C.M.R. ch. 115]
- (12) If the results of a stack test performed under circumstances representative of the facility's normal process and operating conditions indicate emissions in excess of the applicable standards, then:
- A. Within thirty (30) days following receipt of the written test report by the Department, or another alternative timeframe approved by the Department, the licensee shall re-test the non-complying emission source under circumstances representative of the facility's normal process and operating conditions and in accordance with the Department's air emission compliance test protocol and 40 C.F.R. Part 60 or other method approved or required by the Department; and
  - B. The days of violation shall be presumed to include the date of stack test and each and every day of operation thereafter until compliance is demonstrated under normal and representative process and operating conditions, except to the extent that the facility can prove to the satisfaction of the Department that there were intervening days during which no violation occurred or that the violation was not continuing in nature; and
  - C. The licensee may, upon the approval of the Department following the successful demonstration of compliance at alternative load conditions, operate under such alternative load conditions on an interim basis prior to a demonstration of compliance under normal and representative process and operating conditions.  
[06-096 C.M.R. ch. 115]

- (13) Notwithstanding any other provisions in the State Implementation Plan approved by the EPA or Section 114(a) of the CAA, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any statute, regulation, or license requirement. [06-096 C.M.R. ch. 115]
- (14) The licensee shall maintain records of malfunctions, failures, downtime, and any other similar change in operation of air pollution control systems or the emissions unit itself that would affect emissions and that is not consistent with the terms and conditions of the air emission license. The licensee shall notify the Department within two (2) days or the next state working day, whichever is later, of such occasions where such changes result in an increase of emissions. The licensee shall report all excess emissions in the units of the applicable emission limitation. [06-096 C.M.R. ch. 115]
- (15) Upon written request from the Department, the licensee shall establish and maintain such records, make such reports, install, use and maintain such monitoring equipment, sample such emissions (in accordance with such methods, at such locations, at such intervals, and in such a manner as the Department shall prescribe), and provide other information as the Department may reasonably require to determine the licensee's compliance status. [06-096 C.M.R. ch. 115]
- (16) The licensee shall notify the Department within 48 hours and submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component causes a violation of any emission standard (38 M.R.S. § 605). [06-096 C.M.R. ch. 115]

#### **SPECIFIC CONDITIONS**

##### **(17) Particulate Emissions Control**

- A. Enterprise shall operate a maximum of two Electric Induction Furnaces simultaneously and shall use baghouses to control particulate emissions. [06-096 C.M.R. ch. 115, BPT]
- B. Visible emissions from baghouses in the Electric Induction Furnaces area shall not exceed 10% opacity on a six-minute block average basis. Enterprise shall take corrective action if visible emissions from the baghouses in the furnace area exceed 5% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 101(3)(B)(3)]
- C. If at any time Enterprise exhausts any baghouse outside, that baghouse will no longer be considered exempt and shall be subject to the visible emission standard as found in 06-096 C.M.R. ch. 101(3)(B)(3). [06-096 C.M.R. ch. 115, BPT]
- D. All baghouses shall be maintained in accordance with the manufacturer's written instructions in order to maintain optimal removal efficiency. Logs shall be kept of all maintenance done on each baghouse. [06-096 C.M.R. ch. 115, BPT]

(18) **40 C.F.R. Part 63, Subpart ZZZZZ, *National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources***

A. Management Practices

1. Enterprise shall comply with the requirements of the metallic scrap management program as found in 40 C.F.R. § 63.10885(a) including but not limited to the following:
  - (a) Enterprise shall prepare and operate at all times according to written material specifications for the purchase and use of only metal ingots, pig iron, slitter, or other materials that do not include post-consumer automotive body scrap, post-consumer engine blocks, post-consumer oil filters, oily turnings, lead components, chlorinated plastics, or free liquids.
  - (b) Enterprise shall prepare and operate at all times according to written material specifications for the purchase and use of only iron and steel scrap that has been depleted (to the extent practicable) of organics and HAP metals in the charge materials used by the iron and steel foundry.
  - (c) Each written material specification must be kept onsite and readily available to all personnel with material acquisition duties. Further, Enterprise shall provide a copy of the material specifications to each scrap provider.
  - (d) Enterprise may have scrap subject to § 63.10885(a)(1) and other scrap subject to § 63.10885(a)(2) at the facility provided the metallic scrap remains segregated until charge make-up.  
[40 C.F.R. § 63.10885(a)]
2. Enterprise shall not obtain any scrap that contains any motor vehicle scrap. Enterprise shall maintain records that the material obtained does not contain motor vehicle scrap. [40 C.F.R. § 63.10885(b)]
3. Enterprise shall use a binder chemical formulation that does not use methanol as a specific ingredient of the catalyst formulation. This requirement does not apply to the resin portion of the binder system. [40 C.F.R. § 63.10886]
4. At all times, Enterprise shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. [40 C.F.R. § 63.10890(i)]

**B. Recordkeeping and Reporting**

1. Enterprise shall maintain records of all information for at least five years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent two years of data shall be retained on site. The remaining three years of data may be retained off site.  
[40 C.F.R. § 63.10890(d)]

Note that Standard Condition (8) of this license requires that applicable records be maintained for a minimum period of 6 years, and the above does not supersede that requirement.

Enterprise shall maintain the following records:

- (a) Records of initial notification of applicability and notification of compliance status according to § 63.10(b)(2)(xiv).
  - (b) Records of written materials specifications according to § 63.10885(a) and records that demonstrate compliance with the requirements for restricted metallic scrap in § 63.10885(a)(1) and/or for the use of general scrap in § 63.10885(a)(2). Enterprise shall keep records documenting compliance with § 63.10885(b)(4) for scrap that does not contain motor vehicle scrap.
  - (c) Records to document use of binder chemical formulation that does not contain methanol as a specific ingredient of the catalyst formulation for each furfuryl alcohol warm box mold or core making line as required by § 63.10886. These records must be the Safety Data Sheet (provided that it contains appropriate information), a certified product data sheet, or a manufacturer's hazardous air pollutant data sheet.
  - (d) Records of the annual quantity and composition of each HAP-containing chemical binder or coating material used to make molds and cores. These records must be copies of purchasing records, Safety Data Sheets, or other documentation that provides information on the binder or coating materials used.
  - (e) Records of metal melt production for each calendar year.  
[40 C.F.R. § 63.10890(e)]
2. Enterprise shall submit semiannual compliance reports to the Department and the EPA according to the requirements in § 63.10899(c), (f), and (g), except that § 63.10899(c)(5) and (7) do not apply. [40 C.F.R. § 63.10890(f)]

3. Enterprise shall submit notifications or reports to the EPA via CEDRI, which can be accessed through the EPA's Central Data Exchange (CDX) (<https://cdx.epa.gov/>). [40 C.F.R. § 63.10899(c)]
4. If the annual metal melt production exceeds 20,000 tons during the preceding calendar year, Enterprise shall notify the EPA and the Department within 30 days of the change of status to a large foundry under Subpart ZZZZZ.

Enterprise shall comply with the requirements of Subpart ZZZZZ for large foundries within two years after the above notification is submitted.  
[40 C.F.R. § 63.10890(h)]

(19) **Parts Washer**

Parts washers at Enterprise are subject to *Solvent Cleaners*, 06-096 C.M.R. ch. 130.

- A. Enterprise shall keep records of the amount of solvent added to each parts washer.  
[06-096 C.M.R. ch. 115, BPT]
- B. The following are exempt from the requirements of 06-096 C.M.R. ch. 130 [06-096 C.M.R. ch. 130]:
  1. Solvent cleaners using less than two liters (68 oz.) of cleaning solvent with a vapor pressure of 1.00 mmHg, or less, at 20° C (68° F);
  2. Wipe cleaning; and,
  3. Cold cleaning machines using solvents containing less than or equal to 5% VOC by weight.
- C. The following standards apply to cold cleaning machines that are applicable sources under 06-096 C.M.R. ch. 130.
  1. Enterprise shall attach a permanent conspicuous label to each unit summarizing the following operational standards:
    - a. Waste solvent shall be collected and stored in closed containers.
    - b. Cleaned parts shall be drained of solvent directly back to the cold cleaning machine by tipping or rotating the part for at least 15 seconds or until dripping ceases, whichever is longer.
    - c. Flushing of parts shall be performed with a solid solvent spray that is a solid fluid stream (not a fine, atomized or shower type spray) at a pressure that does not exceed 10 psig. Flushing shall be performed only within the freeboard area of the cold cleaning machine.
    - d. The cold cleaning machine shall not be exposed to drafts greater than 40 meters per minute when the cover is open.
    - e. Sponges, fabric, wood, leather, paper products and other absorbent materials shall not be cleaned in the parts washer.

- f. When a pump-agitated solvent bath is used, the agitator shall be operated to produce no observable splashing of the solvent against the tank walls or the parts being cleaned. Air agitated solvent baths may not be used.
      - g. Spills during solvent transfer shall be cleaned immediately. Sorbent material used to clean spills shall then be immediately stored in covered containers.
      - h. Work area fans shall not blow across the opening of the parts washer unit.
      - i. The solvent level shall not exceed the fill line.
    2. The remote reservoir cold cleaning machine shall be equipped with a perforated drain with a diameter of not more than six inches.
    3. Each parts washer shall be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent.
- [06-096 C.M.R. ch. 130]

**(20) Fugitive Emissions**

Visible emissions from a fugitive emission source (including stockpiles and roadways) shall not exceed 20% opacity on a five-minute block average basis.  
[06-096 C.M.R. ch. 115, BPT]

**(21) General Process Sources**

Visible emissions from any general process source shall not exceed 20% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 115, BPT]



- (22) If the Department determines that any parameter value pertaining to construction and operation of the proposed emissions units, including but not limited to stack size, configuration, flow rate, emission rates, nearby structures, etc., deviates from what was submitted in the application or ambient air quality impact analysis for this air emission license, Enterprise may be required to submit additional information. Upon written request from the Department, Enterprise shall provide information necessary to demonstrate ambient air quality standards (AAQS) will not be exceeded, potentially including submission of an ambient air quality impact analysis or an application to amend this air emission license to resolve any deficiencies and ensure compliance with AAQS. Submission of this information is due within 60 days of the Department's written request unless otherwise stated in the Department's letter.  
[06-096 C.M.R. ch. 115, § 2(O)]

DONE AND DATED IN AUGUSTA, MAINE THIS 14<sup>th</sup> DAY OF SEPTEMBER, 2022.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:  for  
MELANIE LOYZIM, COMMISSIONER

**The term of this license shall be ten (10) years from the signature date above.**

[Note: If a renewal application, determined as complete by the Department, is submitted prior to expiration of this license, then pursuant to Title 5 M.R.S. § 10002, all terms and conditions of the license shall remain in effect until the Department takes final action on the license renewal application.]

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 7/21/22

Date of application acceptance: 7/25/22

Date filed with the Board of Environmental Protection:

This Order prepared by Chris Ham, Bureau of Air Quality.

