PERMIT AMENDMENT NO. 3321-199-0028-S-01-1
ISSUANCE DATE:

GEORGIA
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Air Quality – Permit Amendment

In accordance with The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Rules, Chapter 391-3-1, adopted pursuant to or in effect under that Act, Permit No. **3321-199-0028-S-01-0** issued on June 28, 2013 to:

Facility Name:	**HL Mando America Corporation**
Facility Address:	**1136 & 955 Meriwether Park Drive** **Hogansville, Georgia 30230 Meriwether County**
Mailing Address:	**4201 Northpark Drive** **Opelika, Alabama 36801**
Facility AIRS Number:	**04-13-199-00028**

for the following: Continued operation of a ductile iron foundry and a machining plant.

is hereby amended as follows: the facility name is changed to HL Mando America Corporation; the emissions estimates are updated based on most recent testing results; Shot Blast #4 (Unit ID 4145) is added, Baghouse DC03 is removed, shakeout PM is re-routed to Baghouse DC04

Reason for Amendment: Application No. 29631 signed March11, 2025

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached **3** page(s).

This Permit Amendment is hereby made a part of Permit No. 3321-199-0028-S-01-0 and compliance herewith is hereby ordered. Except as amended hereby, the above referenced Permit remains in full force and effect.

STATE OF GEORGIA
CONSTITUTION
WISDOM
JUSTICE
MODERATION
1776

Jeffrey W. Cown, Director
Environmental Protection Division

2. Allowable Emissions
MODIFIED CONDITION:

2.6 For each segregated scrap storage area, bin or pile, the facility must comply with the materials acquisitions requirement as described below. The facility must keep a copy of the material specifications onsite and readily available to all personnel with material acquisition duties and provide a copy to each scrap provider.
[40 CFR 63.10885(a)]

a. Restricted metallic scrap – The facility must 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. For the purpose of this subpart, "free liquids" is defined as material that fails the paint filter test by EPA Method 9095B, "Paint Filter Liquids Test" (revision 2), November 2004 (incorporated by reference - see § 63.14). The requirements for no free liquids do not apply if the owner or operator can demonstrate that the free liquid is water that resulted from scrap exposure to rain. **Any post-consumer engine blocks, post-consumer oil filters, or oily turnings that are processed and/or cleaned to the extent practicable such that the materials do not include lead components, mercury switches, chlorinated plastics, or free organic liquids can be included in this certification.**

b. General iron and steel scrap – The facility must 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. The materials specifications must include at minimum the information specified below:

i. Specifications for metallic scrap materials charged to a scrap preheater or metal melting furnace to be depleted (to the extent practicable) of the presence of used oil filters, chlorinated plastic parts, accessible lead-containing components (such as batteries and wheel weights), and a program to ensure the scrap materials are drained of free liquids.

4. Process & Control Equipment
MODIFIED CONDITIONS:

4.1 The Permittee shall not operate the mold cooling and mold shakeout (Emission Unit ID Nos. 2130 and 2140) without operating the associated regenerative thermal oxidizer (Air Pollution Control Device ID No. RTO3).
[391-3-1-.02(2)(a)10]

4.3 While the mold shakeout (Emission Unit ID No. 2140) is operating, the Permittee shall operate the baghouse (Air Pollution Control Device ID No. DC04) such that the pressure drop does not exceed manufacturer's specifications.
[391-3-1-.02(2)(a)10]

5. Monitoring
MODIFIED CONDITION:

5.3 The Permittee shall install, operate, and maintain a bag leak detection system for each negative pressure baghouse or positive pressure baghouse for a metal melting furnace in accordance with the following requirements:
[40 CFR 63.10897(d)]

a. The system must be certified by the manufacturer to be capable of detecting emissions of particulate matter at concentrations of 10 milligrams per actual cubic meter (0.0044 grains per actual cubic foot) or less.

b. The bag leak detection system sensor must provide output of relative particulate matter loadings and the owner or operator shall continuously record the output from the bag leak detection system using electronic or other means (e.g. using a strip chart recorder or a data logger).

c. The system must be equipped with an alarm that will sound when an increase in relative particulate loadings is detected over the alarm set point established in the operation and maintenance plan, and the alarm must be located such that it can be heard by the appropriate plant personnel.

d. The initial adjustment of the system must, at minimum, consist of establishing the baseline output by adjusting the sensitivity (range) and the averaging period of the device, and establishing the alarm set points and the alarm delay time (if applicable).

e. Following the initial adjustment, do not adjust the sensitivity or range, averaging period, alarm set point, or alarm delay time without approval from the Administrator. Except, once per quarter, you may adjust the sensitivity of the bag leak detection system to account for seasonable effects including temperature and humidity according to the procedures in the operation and maintenance plan required by Condition 2.7.

f. For negative pressure, induced air baghouses, and positive pressure baghouses that are discharged to the atmosphere through a stack, the bag leak detector sensor must be installed downstream of the baghouse and upstream of any wet scrubber.

g. The Permittee shall record the time and date of each occurrence of the bag leak detection system alarm, and within 60 minutes of the alarm, initiate action to correct the cause of the problem within 24 hours of the alarm, and complete the corrective actions as soon as possible and record any corrective action taken.

h. Where multiple detectors are required, the system's instrumentation and alarm may be shared among detectors.

7. Notification, Reporting and Record Keeping Requirements
MODIFIED CONDITIONS:

7.12 For each baghouse equipped with a bag leak detection system, maintain all records of: [40 CFR 63.10899(b)(9)]

a. Records of the bag leak detection system output.

b. Records of bag leak detection system adjustments, including the date and time of the adjustment, the initial bag leak detection system settings, and the final bag leak detection system settings.

c. **The date and time of all bag leak detection system alarms, and for each valid alarm, the time corrective actions were initiated, the corrective action taken, and the date on which corrective action was completed.**

7.18 [Deleted.]

7.19 [Deleted.]