



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 1
5 Post Office Square, Suite 100
Boston, MA 02109-3912

Clean Air Act Inspection Report

Drafted: June 5, 2023

Finalized: June 5, 2023

EPA Inspector: Hannah Patel, Environmental Scientist, Air Compliance Section /HHP/
Abdi Mohamoud, Environmental Engineer, Air Compliance Section/ATM/

EPA Reviewer: Darren Fortescue, Manager, Air Compliance Section /DEF/

Date of Inspection: May 2, 2023

Facility Name: Mystic Valley Foundry, Inc.

ICISAir ID#: MA0000002511901678

Facility Location: 14 Horace Street, Somerville MA 02143

Mailing Address: Same as above

Disclaimer:

Unless otherwise noted, this report describes conditions at the facility/property as observed by EPA inspector(s), and/or through records provided to and/or information reported to EPA inspector(s) by facility representatives and as understood by the inspector(s). This report may not capture all operations or activities ongoing at the time of the inspection. This report does not make final determinations on potential areas of concern. Nothing in this report affects EPA's authorities under federal statutes and regulations to pursue further investigation or action.

Inspection Attendees:

Name	Title	Organization
Hannah Patel	Environmental Scientist	EPA Region I
Abdi Mohamoud	Environmental Engineer	EPA Region I
Arthur J. Anthony	Owner	Mystic Valley Foundry

Facility/Process Description:

Mystic Valley Foundry, Inc. (“Mystic Valley Foundry”) operated a foundry located at 14 Horace Street, Somerville Massachusetts. The facility opened in 1936 and worked with customers to craft aluminium, brass and bronze casting. Mystic Valley Foundry was one of few specialty foundries in New England and could make specialized parts and pieces upon request. Mystic Valley Foundry made parts for several kinds of industries including automotive, construction, furniture, lighting and marine. Mystic Valley Foundry operated 3 furnaces that were powered by natural gas. Some of the metals used at the facility were non-ferrous metals including zinc, brass, bronze, steel, and aluminum. Mystic Valley Foundry’s melt capacity was 0.1 ton/year. In the past they purchased scrap metal in low quantities and would additionally recycle their own scrap metal internally.

Mystic Valley Foundry ceased operations in January of 2023 and as of Monday May 1, 2023, the facility had been sold to a new owner.

Number of Employees:

Mystic Valley Foundry had 2 employees before ceasing operations.

Potentially Applicable Clean Air Act Requirements:

- 40 CFR Part 63, Subpart ZZZZZZ - National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Aluminum, Copper, and Other Nonferrous Foundries

Previous Enforcement Actions:

A “Detailed Facility Report” from EPA’s Enforcement and Compliance History Online database indicates that there have been no informal or formal enforcement actions taken against Mystic Valley Foundry with respect to this facility in the past five years.

Opening Conference:

Ms. Patel and Mr. Mohamoud arrived at the facility at 9:30 AM and met with Arthur J. Anthony. Ms. Patel presented her credentials and initiated an opening conference. Ms. Patel asked Mr. Anthony about the operational status of the facility. Mr. Anthony said that the facility stopped operating in January 2023 and as of Monday, May 1, 2023, the facility had been sold. Mr. Anthony said Mystic Valley Foundry had ceased operations due to a shortage of employees. Ms. Patel asked about the business relationship between Mystic Valley Foundry and McIntire Brass Works, Inc. (“McIntire Brass Works”). Mr. Anthony said that they are two separate unrelated businesses located in the same building, but in separate rooms. Mr. Mohamoud asked Mr. Anthony about the operational status of McIntire Brass Works and Mr. Anthony said it is working on its last orders before leaving the building, but it officially closed.

Facility Tour:

Ms. Patel asked Mr. Anthony for a tour of Mystic Valley Foundry.

The inspectors followed Mr. Anthony to the back of the facility and observed 3 furnaces. Mr. Anthony said that, prior to the closure of Mystic Valley Foundry only one of the three furnaces had been operational, and it had been years since other two had been used. Mr. Anthony then led inspectors to a room where inspectors observed a sand belt and other material.

Records Reviewed:

Ms. Patel and Mr. Mohamoud did not review any records on-site.

Closing Conference:

Ms. Patel and Mr. Mohamoud thanked Mr. Anthony and left the facility at 10:00 AM.