

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

P031926049

FACILITY: EAGLE ALUMINUM CAST PRODUCTS INC.		SRN / ID: P0319
LOCATION: 2134 NORTHWOODS DRIVE, MUSKEGON		DISTRICT: Grand Rapids
CITY: MUSKEGON		COUNTY: MUSKEGON
CONTACT: Steven Spiwak , Environmental Health and Safety Specialist		ACTIVITY DATE: 07/23/2014
STAFF: Eric Grinstern	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced inspection		
RESOLVED COMPLAINTS:		

Facility Description

Eagle Aluminum Cast Products is a permanent mold foundry that makes aluminum castings.

Regulatory Overview

The facility holds one active NSR permit (PTI No. 30-12) which addresses all permitted processes at the facility.

Compliance Evaluation

Prior to entering the facility staff conducted a survey of the facility perimeter. No odors or visible emissions were noted coming from the facility.

At the facility staff met with Kurt Fifield, Plant Superintendent, and Steven Spiwak, Environmental, Health and Safety Specialist.

Melting

Melting is performed in six gas-fired furnaces, four with a 1,000 lb. holding capacity and two with a 600 lb. holding capacity. All of the furnaces vent to the outside atmosphere uncontrolled. The facility only melts aluminum ingots and in-plant returns.

PTI No. 30-12 limits flux usage to 0.8 pounds per hour. The facility demonstrates compliance with the hourly limit based upon a daily average. The facility maintains usage records to demonstrate compliance with the limit. The permit currently does not contain an averaging period for flux usage. Staff recalls there being discussion regarding the use of an averaging period at the time of permitting, however, staff could not find any documentation regarding the issue. Staff will direct the facility to submit an application to modify the permit to include an averaging period.

The facility is required to maintain records of the tons of aluminum melted on a monthly basis. The facility maintains electronic melt records

The facility has a few jobs that require cores. The facility purchases and uses shell cores for those jobs.


Finishing

Finishing operations consist of grinders, sanders, etc. that vent into the in-plant atmosphere.

Pattern shop

Adjacent to the foundry is the pattern shop that contains various process used in pattern production. The saws and other equipment are controlled by Torit collector that vents to the outside atmosphere. The processes venting to the Torit were not operating at the time of the inspection.

Based on the information and observations made during this inspection, the facility appears to be in compliance with applicable air quality rules and regulations.

NAME 

DATE 8/6/14

SUPERVISOR 