

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

N508728349

FACILITY: TRI-STATE ALUMINUM CASTING CO LLC		SRN / ID: N5087
LOCATION: 1060 East Keating, MUSKEGON		DISTRICT: Grand Rapids
CITY: MUSKEGON		COUNTY: MUSKEGON
CONTACT: Dan Smith, General Manager		ACTIVITY DATE: 01/14/2015
STAFF: Eric Grinstern	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: Minor
SUBJECT: Unannounced Inspection		
RESOLVED COMPLAINTS:		

Unannounced inspection of Tri-State Aluminum.

Prior to entering the facility a survey of the facility was made from the public roads around the facility. A slight air-set sand binder odor was noted downwind of the facility, no VE was noted.

At the facility, staff met with Dan Smith, General Manager.

The facility holds one permit for a 1,000 pound aluminum melt furnace that uses flux. All of the other processes were previously determined to be grandfathered from permitting.

**FACILITY OPERATIONS AND CORRESPONDING COMPLIANCE STATUS**

The facility's operations remain the same as what existed during the last inspection in 2010.

**MOLD MAKING**

Green Sand – minimal use

Air Set – primary binder used

**MELTING**

The facility has three 500 pound and one 1,000 pound capacity melt furnaces. The facility has not operated the 500 pound furnaces in the last two years. The permit for the 1,000 pound furnace restricts flux usage to 12 pounds/24 hrs. and requires records of melts tons and flux usage. The facility stated that they have not been maintaining records of melt tons or flux usage.

**FINISHING**

The facility has various finishing operation that are exempt from permitting.

Based on the information and observations made during this inspection, the facility will receive a VN for failing to maintain melt and flux records.

NAME *Eric Grinstern*

DATE *1/26/15*

SUPERVISOR *EB*