

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

N532133030

FACILITY: LOUDON STEEL INC		SRN / ID: N5321
LOCATION: 8208 ELLIS RD, MILLINGTON		DISTRICT: Saginaw Bay
CITY: MILLINGTON		COUNTY: TUSCOLA
CONTACT: Gib Loudon , Plant Manager		ACTIVITY DATE: 01/20/2016
STAFF: Sydney Bruestle	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Inspection to evaluate compliance with PTI 112-28		
RESOLVED COMPLAINTS:		

I (Sydney Lee Bruestle) visited Loudon Steel located at 8208 Ellis Road Millington, MI to investigate compliance with PTI 112-98. The plant assembles and coats steel "part racks" for use in various auto industries. There is currently only one spray booth being operated, as the company no longer uses a primer in the coating process. Emissions are partly controlled using fabric filters. The filters are replaced weekly or more often if needed. Part coating is primarily done with an airless spray gun, smaller parts may be dipped in a covered paint bath on rare occasions. On average the plant employs 45 people.

I met with Plant Manager, Gib Loudon. He presented me with coating usage and emission records for 2014 and 2015. All records required by PTI 112-98 were available and appeared to be accurate. The VOC content of the coatings and the plant VOC emissions were both well below the limits stated in the PTI (some records attached, others were viewed onsite).

VOC emissions 12 month rolling time period 2014: 3.67 tpy (through December 2014) (Limit: 8.4 tpy)

VOC emissions 12 month rolling time period 2015: 3.73 tpy (through December 2015) (Limit: 8.4 tpy)

Average VOC emissions per hour: ~3 lbs VOC/hr (limit: 11 lb/hr)

Material VOC content: ranged from 0.86 lb/gal- 1.85 lb/gal (limit: 3.47 lb/gal)

The coating the facility uses does not contain any Hazardous Air Pollutants (HAPs) so there is not record keeping for HAPs. The paint manufacturer is providing current MSDS for AQD files.

At the time of the inspection the facility was found to be in compliance with its permit and AQD regulations.

NAME 

DATE 01/20/16

SUPERVISOR 