

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

U41150203829086

FACILITY: Steel Craft Technologies		SRN / ID: U411502038
LOCATION: 8057 Graphic Industrial Drive NE, Belmont		DISTRICT: Grand Rapids
CITY: Belmont		COUNTY: KENT
CONTACT: Jeff Hill, Vice President of Business/Sales		ACTIVITY DATE: 03/26/2015
STAFF: Denise Plafcan	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT:		
RESOLVED COMPLAINTS:		

Denise Plafcan (DP) conducted an unannounced scheduled inspection to determine compliance with state and federal Air Quality rules and regulations. As part of a complaint investigation, DP drove around the area to evaluate possible sources that may be causing a burning metal odor at the complainant's residence. There were no odors and no apparent malfunctions at the facility. DP met with, Jeff Hill, Vice President of Business and Sales, after a brief introduction and discussion, DP explained the purpose of the inspection and reviewed the Environmental Inspection brochure. Jeff was also the escort on the inspection.

Steel Craft has two locations Belmont and the second in the area of 44th and Eastern they use bulk steel to manufacture steel parts for very large heavy equipment. Steel Craft has been in this location 8 years, prior to that this plant was owned by MACO which also did steel manufacturing. Business has been doing very well over the past 8 years. At this location the company does steel machining such as cutting, welding, grinding shot blasting and they also have a stress relieving furnace. They operate 24 hours a day, 7 days a week and have approximately 100 employees.

During the inspection there was some haze inside the plant but considering the type of operation it wasn't too bad. The majority of the equipment is released to the in-plant environment and they have several large air make-up units. There are exhaust fans above the welding machines and the one piece of equipment with a stack is the natural gas fired stress relieving oven. The oven is located on the east side of the building and the stack has a rain hat, which prevents the exhaust from being dispersed into the air and forces the plume back to the ground. The oven runs for 10 hours over night and it is usually opened around 7-8 in the morning.

It would appear that the oven stack could be the cause of the complaint, however, with the rain hat and the location of the house (less than 500 feet and downhill) in the attached pictures it does not seem that the odor could travel across the highway. Jeff said the company has responded to other concerns from the resident directly behind the company but has not received any odor complaints. Jeff is more than willing to remove the rain hat or to do whatever is necessary if they are contributing to the odor. DP requested that he not do anything until the source of the odor is identified. If any additional action is necessary DP will let the company know.

On March 27 at ~3:30 DP received a call from the complainant stating that the odor was very strong. DP called Jeff and he immediately went outside with a couple of workers and could not detect any odors. Jeff also mentioned that the wind was blowing in the opposite direction, out of the west. Jeff also left a message that he drove around the area of Harrington and 10 mile and did not notice any odors but did notice someone on Harrington had a company working repairing their wet basement.

Based on the physical inspection the facility is exempt from Rule 201 requirements by Rule 285(i) and (l) for the metal machining operations and Rule 282 for the stress relieving oven. Since no AQ permitting is required the facility appears to be in compliance with state and federal Air Quality rules and regulations.

NAME Denise PlafcanDATE 4-6-15SUPERVISOR PMB