

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

N558827922

FACILITY: Superior Fabrication LLC		SRN / ID: N5588
LOCATION: BLDG 434 DOLAN ST, KINCHELOE		DISTRICT: Upper Peninsula
CITY: KINCHELOE		COUNTY: CHIPPEWA
CONTACT: Dan Baxter , Maintenance Forman		ACTIVITY DATE: 11/25/2014
STAFF: Joel Asher	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Paint spray booths		
RESOLVED COMPLAINTS:		

On 11/25/2014 I conducted an unannounced inspection of this facility. My contact was the maintenance foreman, Mr. Dan Baxter. This facility is growing and now runs 3 shifts per day, seven days per week and new staff are being hired.

This facility maintains air use permit #888-93 for a paint spray booth. This PTI was initially issued to Olofsson Fabrication Services and was later transferred to PCC Superior Fabrication.

The facility, now called Superior Fabrication, LLC. primarily makes heavy duty fork lift masts, hydraulic fracturing pumps, and the framework for some medical machines. In order to manufacture these components the facility utilizes a shot blast booth, sand blast booth, plasma cutting table, and 2 paint booths.

The shot blast booth, sand blast booth, and plasma cutting table are all located in building #434. All emissions are vented to the in-plant environment. All three are separate processes and have separate controls. Each has its own dust collection system that incorporates a cannister collection system. The cannisters are changed based on the operator's observations as the air flow is reduced (approximately 4 times per year for the shot and sand booths, the plasma table cannisters are changed about once per year).

One of the plant's paint spray booths is located in building #434. This is the unit that is permitted under PTI #888-93. A second paint spray booth is located a block away in building #425. Filter media is utilized in both booths to control overspray emissions from being exhausted outside. An observation of the exhaust site on building #425 verified no observations of paint at the exhaust.

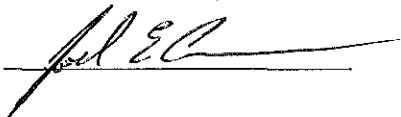
Due to the facility's growth, they are looking at the possibility of adding a third paint spray booth. They are consolidating their operations and are moving some operations into building #427. The new booth would be at this location.

Presently PTI #888-93 has several recordkeeping requirements. The facility does not apply more than 200 gallons of paint per month, keeps records of paint applied, and has an exhaust system controlled with a particulate collections system. They would qualify for a Rule 287c exemption. The booth in building #425 also qualifies. Based on present operations it is likely the new booth in building #427 would also qualify.

Discussions were held with Mr. Baxter regarding the decision to void PTI # 888-93 as this would alleviate them from some of the record keeping specified in PTI #888-93. He stated he will facilitate discussions within the company and will contact me later on the decision.

No violations of the Air Pollution Control Rules were observed during this inspection.

NAME



DATE

SUPERVISOR