

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

N378827911

FACILITY: JOHNSON'S AUTO BODY		SRN / ID: N3788
LOCATION: 206 JOHNSTON ST, SAULT S MARIE		DISTRICT: Upper Peninsula
CITY: SAULT S MARIE		COUNTY: CHIPPEWA
CONTACT: Roger Johnson , Owner		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 owner, Mr. Roger Johnson.

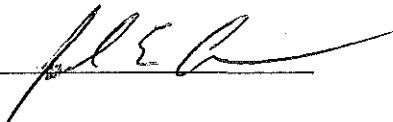
The facility continues to operate an automotive paint and body shop. There are two paint spray booths that are utilized. The smaller booth is equipped with an exhaust filter. Filter media was observed in place. Mr. Johnson stated the filter media is changed as the painter observes the need (lack of air flow). A statement is written on the filter enclosure that reads, "Filter must be in here at all times".

The larger paint spray booth is a down draft system with the exhaust air exiting through a stack. The same type of filter media used in the small booth is also used with this unit. The larger booth does have a magnahelic guage to monitor the air flow through the unit. An observation of the stack showed litte material that has bypassed the filter media. Observations indicate the filter media is appropriately collecting the overspray. Mr. Johnson stated they keep extra filter media on hand.

At the time of my last inspection, this facility had converted to all water-based coatings. About a year and a half ago they started using some low Volatile Organic Compound (VOC) coatings. They utilize all BASF coatings. The water-based coatings provide a better color match and durability, but they require a longer drying time. Mr. Johnson and the painter, Chris, are pleased with the low VOC coatings. Discussions were held as to the total VOCs and total amount of coatings applied. They utilize a computer system to mix the paints and coatings, however they were not certain how to access the totals used for a given period of time. They both agreed they were well below 200 gallons of coatings per month and have purchase records to verify this.

This facility continues to qualify for an air use psemit exemption under Rule 287 as they apply less than 200 gallons per month, utilize a particulate control system (filters), and maintain records of coatings applied (purchase records).

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

NAME  DATE 12/3/14 SUPERVISOR _____