

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

N520927890

FACILITY: HENSLER FURNITURE REFINISHING		SRN / ID: N5209
LOCATION: 3100 CHRISTY WAY, SAGINAW TWP		DISTRICT: Saginaw Bay
CITY: SAGINAW TWP		COUNTY: SAGINAW
CONTACT: Brian Hensler , Owner		ACTIVITY DATE: 12/01/2014
STAFF: Gina McCann	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled inspection to determine compliance with PTI 176-94A. Facility was in compliance at the time of inspection. glm		
RESOLVED COMPLAINTS:		

I (glm) conducted a scheduled inspection at Hensler Furniture Refinishing Inc. on December 1, 2014. I met with Mr. Brian Hensler, owner. The facility is operated under the approved PTI 176-94A. At the time of my inspection the facility was in compliance with its permit and applicable air quality regulations.

I arrived at the facility around 10:30 A.M. Hensler Furniture Refinishing repairs, strips and finishes wood furniture of which is mostly antiques. The permit covers the stripping operation which consists of a small soak tank and a stripping machine. For regulation purposes the facility is considered a minor source of VOCs. The spray booth is exempt from permitting via R287(c). Other operations consist of woodworking, which is captured through an exhaust bag and is not exhausted externally.

Compliance Determination

At the time of my inspection the spray booth had the appropriate filters in place as well as HPLV spray guns. The facility used 206 gallons, total, of lacquers, stains and finishers to date for the year. This is well below the monthly 200 gallon limit in R287(c).

The records show the actual emissions are well below the VOC limits of 12.4 TPY. Material usage limits for the stripping solvent are also well below the permitted 3,575 gallons.

Usage based on 12-month rolling time period ending October 2014.

	Methanol	Methyl Ethyl Ketone	Methylene Chloride	Toluene
Limit	18,000 pounds per 12-month rolling	6,781 pounds per 12-month rolling	4,140 pounds per 12-month rolling	18,000 pounds per 12-month rolling
Usage	2,760 pounds	249 pounds	379 pounds	3,342 pounds

At the time of my inspection the facility was in compliance with their active PTI (176-94A) and applicable air quality regulations.

NAME *Maria L. McLean*

DATE *12/1/14*

SUPERVISOR *C. Hove*