

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

N332826771

FACILITY: BLUEBIRD ENTERPRISES		SRN / ID: N3328
LOCATION: 4008 N. Van Dyke St., IMLAY CITY		DISTRICT: Lansing
CITY: IMLAY CITY		COUNTY: LAPEER
CONTACT: Scott Lewis , Manager		ACTIVITY DATE: 08/26/2014
STAFF: Brian Culham	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: First time contact. Investigate and determine compliance.		
RESOLVED COMPLAINTS:		

Scott Lewis, Manager, slewis@bluebirdenterprisesinc.com

Bluebird Enterprises Inc. is located on M-53 half way between Imlay City and Marlette. The land use in the surrounding area is primarily Recreational Land with some Agriculture. Across the road are a gas station and a lumber yard. Behind and to the north is a gravel pit. Residences are scattered along the intersection at Clear Lake Rd and M-53.

Bluebird's primary production is coating metal parts with an adhesive that will later be activated when a rubber component is added to it. An example of the use would be a cushioned mount for vibrating equipment.

This facility is currently considered a minor source and is not required to report to MAERS.

A general permit for coating operations 256-04 was issue in October 2004. In May of 2008 the permit was mistakenly voided. It was reinstated later that month identifying the original effective date.

This was a scheduled inspection. The purpose for this inspection was based on a comment from a citizen that this facility was unpermitted and had gone uninspected. It was alleged to be using large amounts of solvent based coating materials. This was the first contact for me at this facility.

No.	Emission Unit or Flexible Group	Description	Permit Number or Exemption	Comp. Status
1	FG Spray Booths	2 hand spray booths	GPTI 256-04	C
2	EU Padded Roll Coater	A foam pad coater with up to three application stations for rolling parts across.	GPTI 256-04	C
3	EU Carousel	A carousel adhesive bead application station	APC Rule 287(a)	C
4	EU Parts Wash	A multistage water wash system.	APC Rule 285(r)(iv)	C

I arrived unannounced at 8:15 am. The doors to the offices were locked. I could see and hear people in and around the plant. I walked over to a door and got the attention of an employee. He instructed me to walk around to the back where I was met by another employee. He stated that the business had a fire about a year ago and the offices have just been rebuilt, but are not yet in use. I showed my ID and explained my purpose. He agreed to call the appropriate contact from their other office. He stated that it would take 15 minutes for him to arrive.

Several minutes later I met Scott Lewis. He and his father Andy own Bluebird Enterprise. We entered the building. He explained that this facility was recovering from a fire that had occurred a year ago. The room we entered did not contain any processes because it had just been refurbished.

I asked about the availability of coating use records. He stated that at present there are no records stored at this facility, because of the fire. He did say that we could see the floor sheets that are used to generate the records.

FG Spray Booths

Previous inspectors referred to these two booths as the "Pinwheel" line. They apply a two component adhesive (primer/topcoat) and can be considered one line. Overspray filters were in place. I had identified the stack prior to entering the building. It had an exit height of about 30 feet and was probably 16" in diameter. I saw no visible emissions from the discharge point.

I was shown the floor sheets used to track coating use. The adhesive is supplied to the applicators directly from drums. Records are based on drum start date and drum finish date. The records indicated a maximum use of about three 55 gallon drums a month, or about 165 gallons total, dating back to the beginning of the year.

The primary adhesive coating is Chemlock 6254. The VOC content is 6.1 #/gal. At 2000 gallons/year, emissions are estimated at a high of 6.1 tons/years for the coating line, less than the 10.0 ton limit.

EU Padded Roll Coater

This process was not in use. S. Lewis showed me the equipment and how it worked. It is for applying adhesive on cylindrical shaped parts that can be rolled through the pad applicators.

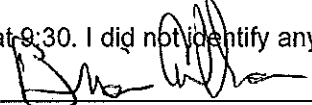
EU Carousel

A rotating table was in operation and applied a tiny bead of adhesive to a plastic part. I assumed this was an exempt process, using less than 2 gallons/day. I asked S. Lewis what amounts are used in the device. He said the amount is so small it is hard to quantify. He stated that it was about a pint a day at the most. A second carousel table was in a storage area and not set up for use.

EU Parts Wash

This is a multistage soap and water wash. No volatiles are used. A second washer was in storage.

I left at 9:30. I did not identify any violations.

NAME 

DATE 9-8-2014

SUPERVISOR 