

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

N250134643

FACILITY: PARAMOUNT INDUSTRIES INC		SRN / ID: N2501
LOCATION: 304 N HOWARD ST, CROSWELL		DISTRICT: Saginaw Bay
CITY: CROSWELL		COUNTY: SANILAC
CONTACT: Lucas Robbins , Plant Manager		ACTIVITY DATE: 05/25/2016
STAFF: Sydney Bruestle	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Onsite inspection to determine compliance with PTIs 833-89A and 574-90		
RESOLVED COMPLAINTS:		

I (Sydney Bruestle) conducted an onsite inspection at Paramount Industries Inc. located at 304 N. Howard St. Croswell, Mi. I arrived onsite around 9:30 am and met with Lucas Robbins, the plant manager. The purpose of this inspection was to determine compliance with PTI 833-89A and PTI 574-90.

Facility Description:

Paramount Industries designs and manufactures housing for fluorescent lighting. Paramount Industries currently employs 20 people. There are three spray booths that are operated about once a week. Paramount metal stamps the housing, paints it, thermoforms the plastic light covering, and assembles the lights.

The facility consists of several assembly areas, storage areas, and a spray booth building. There is a bake off oven inside that does not vent outside.

PTI 833-89A:

The facility only uses one paint to coat the light fixtures (see attached MSDS). The VOC content is 3.3 lbs/gal of coating which is below the limit of 3.4 lbs/gal (minus water).

While I was onsite the paint spray booths were in use and there were no visual emissions. The spray booth operators were wearing masks, goggles, gloves, and protective suits.

The Facility used 600 gallons of paint in 2015 which is below the annual coating use limit of 5,500 gallons per year. The facility used 34 gallons of clean up solvent in 2015 (records attached) this is below the clean up solvent usage limit of 150 gallons per year. The facility maintains monthly records of the usage rate of each paint, reducer, and clean up solvent.

The facility's annual volatile organic compound (VOC) emissions were less than 1 tpy in 2015 (this was a heavy business year) which is below the VOC limit of 9.9 tons per calendar year.

Lucas was able to show me the exhaust filters present in the paint spray booths. They appeared to be working properly and are changed every 2-3 weeks depending on production rates.

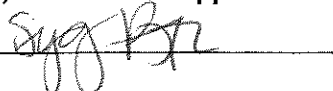
PTI 574-90:

This permit is for the plastic department saws and planes. These units and the associated control devices do not vent outside. This permit is likely voidable, but the facility is opting to keep it active.

Compliance status:

At the time of my inspection it appeared Paramount Industries is in compliance with PTI 833-89A, PTI 574-90, and all other applicable state and federal air quality regulations.

NAME



DATE

05/26/16

SUPERVISOR

