

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

N217844114

FACILITY: JERVIS B. WEBB COMPANY		SRN / ID: N2178
LOCATION: 1254 BOYNE AVE, BOYNE CITY		DISTRICT: Cadillac
CITY: BOYNE CITY		COUNTY: CHARLEVOIX
CONTACT: Jeff Howrey , Plant Manager		ACTIVITY DATE: 04/12/2018
STAFF: Kurt Childs	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Compliance inspection.		
RESOLVED COMPLAINTS:		

I conducted a self initiated inspection of Jervis B. Webb to determine compliance with PTI 387-89A and the Air Pollution Control Rules. Jervis B. Webb was purchased by Daifuku and the facility is now known as Daifuku Jervis B Webb. I met with Mr. Jeff Howery, the plant manager who accompanied me on the inspection answered questions and provided records. This plant manufactures baggage handling conveyor systems and merchandise rack conveyor systems. The individual components of the systems are fabricated and assembled on-site. Prior to the inspection I made observations of the plant and did not detect any significant odors or observe any visible emissions from various stacks and roof vents at the facility. Water vapor was visible from one stack on the west side of the building.

The bulk of the work conducted at this plant consists of metal fabrication. As such, most of the processes involve cutting, grinding, bending, and welding metal. Air emissions from these activities are emitted into the general plant environment with and without control. The laser steel cutting operations have their own cartridge filter dust collectors that draw from below the cutting table and exhaust back into the plant. These operations appear to meet the Rule 201 exemption requirements of R 336.1285(l)(vi).

Prior to assembly the fabricated parts are washed and painted on-site. This is primarily accomplished through a manual spray applied powder coating line which is a Rule 201 exempt process pursuant to R 336.287(d). There is also a conventional paint spray booth that is permitted under PTI 387-89A. Parts travel through the paint lines on a conveyor and pass through the wash systems prior to painting. Parts on the conventional paint line are washed in a booth using a manual steam pressure washer. The powder coat paint line includes an automated wash system with drying oven. This was the source of water vapor observed from off-site. The powder coat line also has a curing oven that has both electric and gas fired heating elements.

PTI 387-89A has VOC emission limits of 25lb/hr. and 10 tons per year. Monthly usage of VOC containing coatings averaged 72.5 gallons in 2017. The company has been operating to comply with the Rule 287 exemption and would like to void PTI 387-89A.

Both paint booths were equipped with exhaust filters that were in good condition and the stack dimensions appear to comply with those listed in the permit. Both booths were working well to capture overspray.

At the time of the inspection it appeared that this facility was in compliance with PTI 387-89A and Rule 287 as well as the air pollution control rules. I have requested that PTI 387-89A be voided based on request from the company.

NAME  DATE 4-16-18 SUPERVISOR SN