

P0785
MANILA

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

P078538431

FACILITY: Voyager Express		SRN / ID: P0785
LOCATION: 4111 Central Avenue, DETROIT		DISTRICT: Detroit
CITY: DETROIT		COUNTY: WAYNE
CONTACT: Adrian Roman , President		ACTIVITY DATE: 01/25/2017
STAFF: Todd Zynda	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT: January 25, 2017 Inspection		
RESOLVED COMPLAINTS: C-17-00667		

PURPOSE OF INSPECTION: Self-Initiated
 INSPECTED BY: Todd Zynda (AQD)
 PERSONNEL PRESENT: Adrian Roman, President
 FACILITY PHONE NUMBER: (313) 908-1252
 FACILITY WEBSITE: www.voyagerexpress.biz

FACILITY BACKGROUND

Voyager Express (Voyager), located at 4111 Central Avenue, Detroit, Michigan, is maintenance and truck storage facility for the Voyager's trucking fleet. The facility includes offices, maintenance garage for servicing semi-trucks, and a storage yard. Voyager has been in operation at this location since 2010.

The facility currently has 20 employees and operates 24 hours a day, seven days a week. The facility operates small natural gas heaters (less than 1 MMBTU), a 200,000 BTU oil heater, and machining equipment used for repairing vehicles.

COMPLAINT/COMPLIANCE HISTORY

On May 1, 2014 a complaint was received by United States Environmental Protection Agency (USEPA) Region 5 and forwarded to the Michigan Department of Environmental (MDEQ) Quality Air Quality Division (AQD). The complaint stated there was black smoke coming from the facility. Surveillance of the facility was conducted on May 1, 5, 8, and 22, 2014. Opacity was not observed during any of the surveillance activities (see MACES report CA_U8214283925187).

OUTSTANDING CONSENT ORDERS

None

OUTSTANDING VNs

None

INSPECTION NARRATIVE

On January 25, 2017, MDEQ AQD inspector Mr. Todd Zynda conducted an unannounced inspection of Voyager. During the inspection, Mr. Adrian Roman, President, provided information and tour of facility operations relating to air quality regulations.

The inspection was conducted in response to a complaint received on January 25, 2017 regarding black smoke coming from the facility. Upon arrival at the facility, black smoke was observed from the silver stack located on the north side of the building. At this time, photos (see attached) and visible emissions readings (see attached) were collected. Visible emissions readings were collected despite not being able to get in position with the sun at the observer's back. During the visible emissions readings, there were overcast skies. The position of the building and stack prohibited proper observation (sun at back) per Method 9 procedures. Photos and non-valid readings collected indicate, with near certainty, that the opacity is greater than 27 percent, despite a lack of formal Method 9 observations.

Following visible emissions readings, contact was made with Mr. Roman, and a tour/inspection of the facility was conducted. The facility is primarily office space and a maintenance garage for Voyager's trucking fleet. The maintenance garage is used for semi-truck repair and regular scheduled maintenance activities (oil changes, etc.). The maintenance garage includes light machining equipment where emissions are released to the general in-plant environment. The facility is equipped with natural gas heaters. According to Mr. Roman, the maintenance garage natural gas heaters are not used, but rather an oil heater is used. The oil heater is located in the north corner of the garage area. According to Mr. Roman, the oil heater is manufactured by OMNI, and has a heat input capacity of 200,000 Btu. The unit fires used oil that is obtained during oil changes and maintenance activities on the Voyager truck fleet.

It was recommended that Voyager discontinue use of the oil heater if the unit continues to produce smoke. It was explained that while the oil heater is exempt from permit to install requirements, the oil heater emissions are subject to Rule 301 (standards for density of emissions). A follow up email was sent to Mr. Roman on January 27, 2017 with pictures of the opacity from the oil heater stack and recommendation to discontinue use of the oil heater if it continues to produce opacity.

PERMIT TO INSTALL EXEMPT EQUIPMENT

At the time of inspection, all equipment at the facility is exempt from permit to install requirements.

Natural Gas Heaters

The natural gas heating units, are exempt from PTI requirements under the following Rule.

R336.1282(2)(b)(i): "Permit to install does not apply to.. Sweet natural gas, liquefied petroleum gas, or a combination thereof and the equipment has a rated heat input capacity of not more than 50,000,000 Btu per hour."

Oil Heater

The oil heater at the facility is exempt from PTI requirements under the following Rule.

R336.1282(2)(b)(iv): "Permit to install does not apply to.. waste oil or used oil fuels that are generated on the geographical site and the equipment has a rated heat input capacity of not more than 500,000 Btu per hour."

Machining Equipment

The machining equipment at the facility is exempt from PTI requirements under the following Rule.

R336.1285(2)(l)(vi)(B): "Equipment for carving, cutting, routing, turning, drilling, machining, sawing, surface grinding, sanding, planing, buffing, ... which has emissions that are released only into the general in-plant environment."

APPLICABLE FUGITIVE DUST CONTROL PLAN CONDITIONS

Not Applicable.

MAERS REPORT REVIEW:

The facility is not required to submit Michigan Air Emission Reporting System (MAERS).

FINAL COMPLIANCE DETERMINATION:

The equipment at the facility is exempt from PTI requirements. It was recommended that the facility discontinue use of the oil heater. If further complaints are received, and valid Method 9 readings can be collected, it is very likely an exceedance of the visible emissions standard within Rule 301 will be observed.



Image 1(Voyager Express) : Opacity

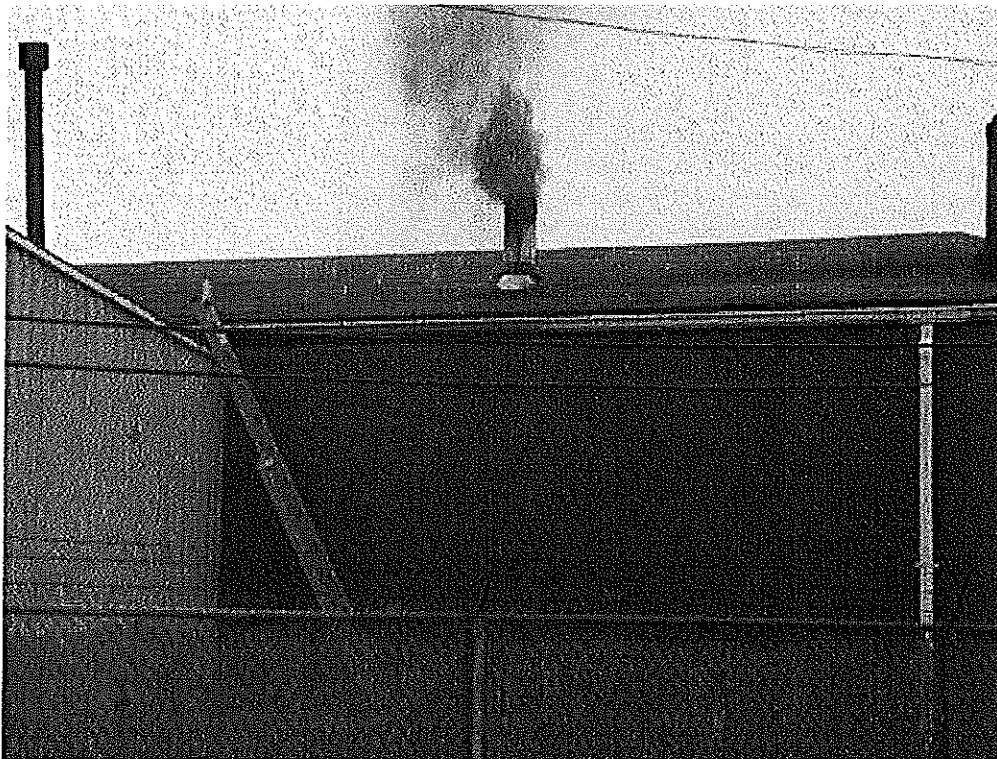


Image 2(Voyager Express) : Opacity

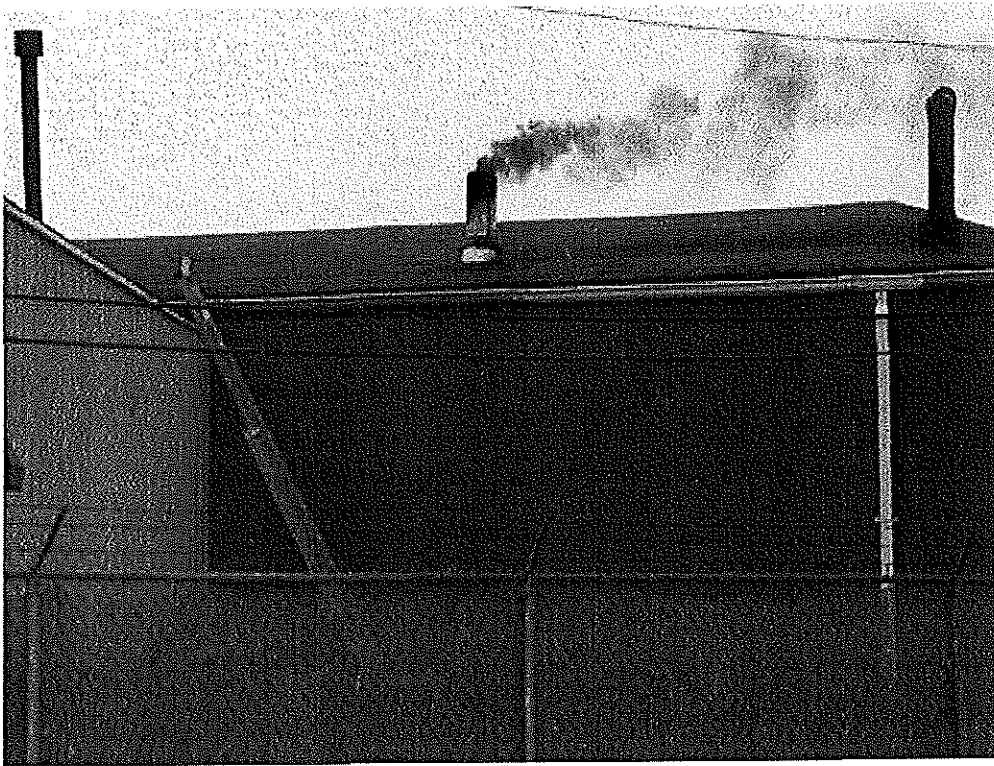


Image 3(Voyager Express) : Opacity

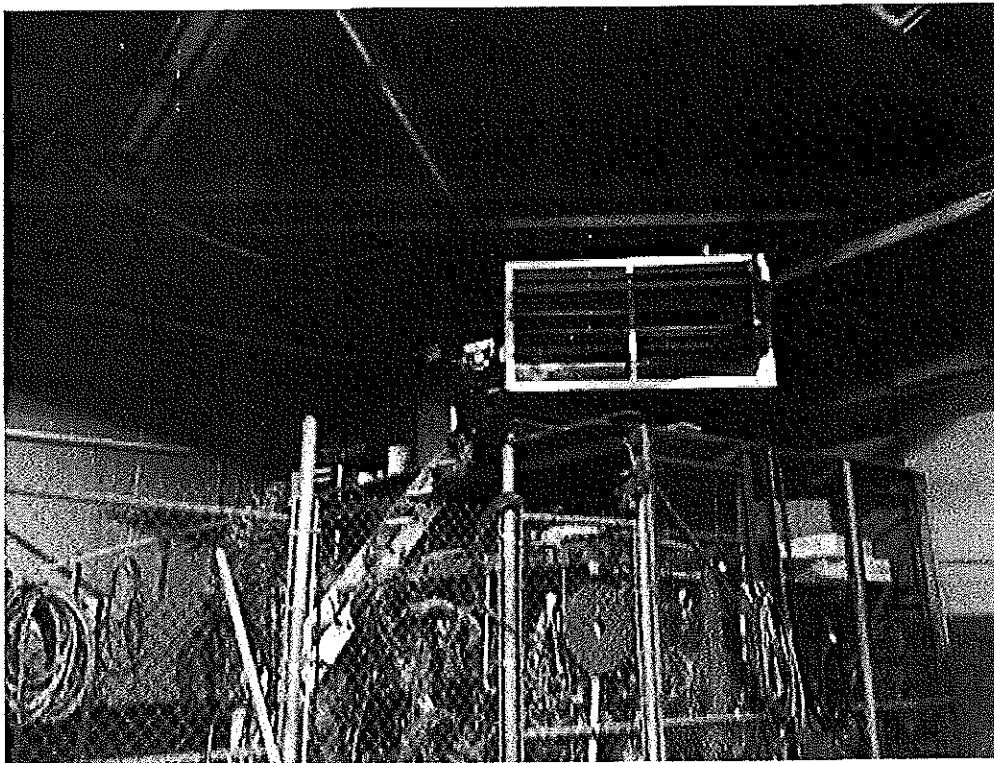


Image 4(Voyager Express) : Oil Heater

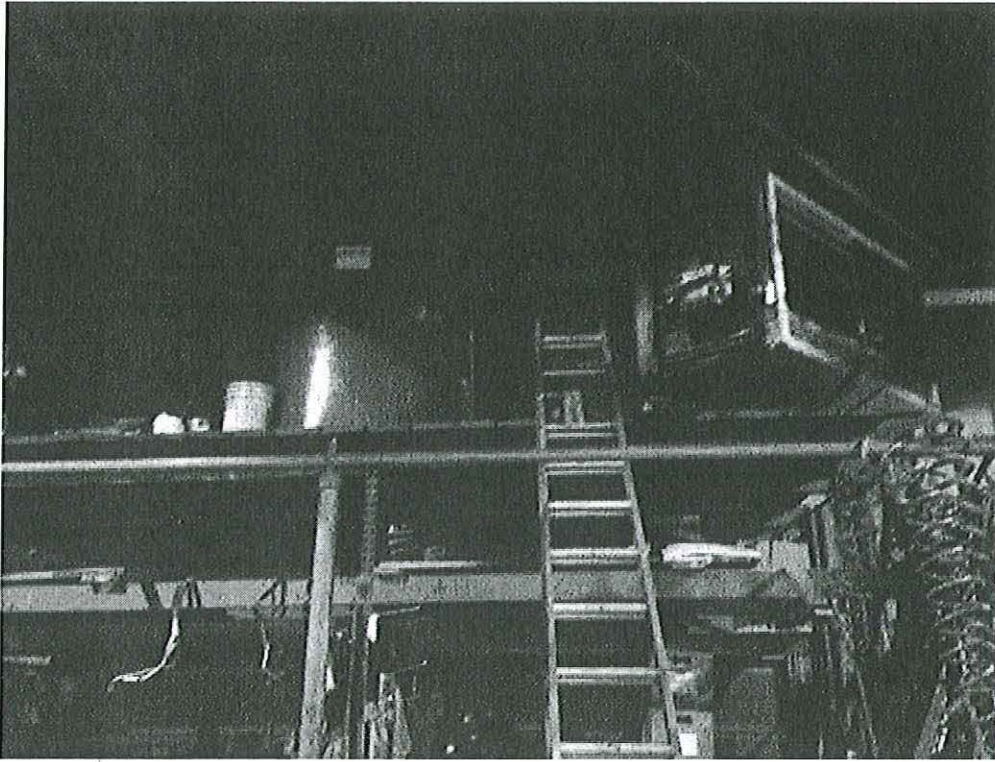


Image 5(Voyager Express) : Oil Heater

NAME *[Signature]*

DATE 1/31/17

SUPERVISOR JR