

A8209
MHWLDEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

A820929245

FACILITY: Vinewood Metalcraft Inc	SRN / ID: A8209
LOCATION: 9501 Inkster Rd, TAYLOR	DISTRICT: Detroit
CITY: TAYLOR	COUNTY: WAYNE
CONTACT: Tim Dana, Plant Manager	ACTIVITY DATE: 04/23/2015
STAFF: Todd Zynda	COMPLIANCE STATUS: Compliance
SUBJECT: 2015 Targeted Inspection	SOURCE CLASS: MINOR
RESOLVED COMPLAINTS:	

PURPOSE OF INSPECTION: Targeted
INSPECTED BY: Todd Zynda (AQD)
PERSONNEL PRESENT: Tim Dana, Plant Manager; Katie Gietl, Controller
FACILITY PHONE NUMBER: (734) 946-8733
FACILITY FAX NUMBER: (734) 946-1060
FACILITY WEBSITE: <http://vinewoodmetalcraft.com/>

FACILITY BACKGROUND

Vinewood Metalcraft Inc. (Vinewood) is a sheet metal prototype shop that specializes in deep draw stampings. The facility produces various metal parts for the automotive industry (deep sump oil pans, differential covers, exhaust shells, converter covers, light bezels, and seat risers). The facility operates out of two adjacent buildings (9501 Inkster Road [SRN A8209] and 9495 Inkster Road [SRN P0575], Taylor, Michigan). The 9495 Inkster Road address was purchased by Vinewood in 2013 from Elden Industries Corporation.

Within the 9501 Inkster address, the facility operates 5 presses, 1 shearing machine, 5 milling machines, belt grinders, sanders, ban saws, and a small welding area. The 9495 Inkster address contains 2 laser cutting machines and 2 spot welding stations. The equipment at both addresses is used for processing and fabricating steel or other metals (brass, aluminum, etc.) All metal cuttings or metal dust are released to the general in-plant environment.

COMPLAINT/COMPLIANCE HISTORY

There have not been any complaints for this facility. The most recent inspection (9501 Inkster only) occurred on April 5, 2010. At that time the company was determined to be in compliance with air quality rules and regulations.

OUTSTANDING CONSENT ORDERS

None

OUTSTANDING LOVs

None

INSPECTION NARRATIVE

On April 23, 2015 Michigan Department of Environmental Quality (MDEQ) Air Quality Division (AQD) inspector Mr. Todd Zynda conducted a level 2 unannounced inspection of Vinewood. During the inspection, Mr. Tim Dana, Plant Manager and Ms. Katie Gietl, Controller, provided information and tour of facility operations relating to air quality.

During the opening meeting AQD explained that Detroit District files indicate a facility by the name of Michigan Metal Door was previously in operation at 9495 Inkster Road. Mr. Dana stated that Michigan Metal Door was in operation nearly 30 years ago. Mr. Dana stated that Vinewood purchased the building approximately two years ago, and now operates 2 laser cutting machines at 9495 Inkster.

A tour/inspection of the facility was conducted. During the inspection the equipment at both addresses (9501 and 9495 Inkster) were observed. Emissions from metal cutting, grinding, sawing, etc. are released to the general in-plant environment. At 9501 Inkster address, the facility operates 5 presses, 1 shearing machine, 5 milling machines, belt grinders, sanders, ban saws, and a small welding area. The 9495 Inkster address contains 2 laser cutting machines and 2 spot welding stations. The laser cutting machines are individually controlled by a pulse jet dust collection system (Farr Dust Collector) that vents to the general in-plant environment. According to Mr. Dana, the dust collectors were installed to minimize dust in the worker breathing zone.

PERMIT TO INSTALL EXEMPT EQUIPMENT

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

Metal Presses

The metal presses at the facility are exempt from PTI requirements under the following Rule.

R336.1285(l)(i): "The requirement to obtain a PTI does not apply to.. equipment used exclusively for bending, forming, expanding, rolling, forging, pressing, drawing, stamping, or extruding hot or cold metals."

Welding Areas

The welding areas at the facility are exempt from PTI requirements under the following Rule.

R. 336.1285(j): "The requirement to obtain a PTI does not apply to.. brazing, soldering, welding, or plasma coating equipment".

Shearing machine, Milling Machines, Belt Grinders, Sanders, Ban Saws, Laser Cutters

The above listed equipment is exempt from PTI requirements under the following Rule.

R336.1285(l)(vi)(B): "The requirement to obtain a PTI does not apply to.. equipment for carving, cutting, routing, turning, drilling, machining, sawing, surface grinding, , sanding, planning, buffing, etc... metal.. and has emissions that are released only into the general in-plant environment.

APPLICABLE FUGITIVE DUST CONTROL PLAN CONDITIONS

Not Applicable. All lots are paved.

MAERS REPORT REVIEW:

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

FINAL COMPLIANCE DETERMINATION:

At this time, this facility appears to be in compliance with federal and state air quality regulations. The equipment at both 9501 Inkster and 9495 Inkster are exempt from PTI requirements.

ADDENDUM - May 14, 2015:

Previously, the address 9495 Inkster Road was issued Wayne County Installation Permit C-6120 for a paint spray booth. The equipment has been permanently removed and is no longer operating at 9495 Inkster Road, Taylor, Michigan. Therefore Wayne County Installation Permit C-6120 will be voided.

NAME



DATE

5/15/15

SUPERVISOR

JK