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

B897748308

FACILITY: VIRON INTERNATIONAL CORPORATION		**SRN / ID:** B8977
LOCATION: 505 N HINTZ ROAD, OWOSSO		**DISTRICT:** Lansing
CITY: OWOSSO		**COUNTY:** SHIAWASSEE
CONTACT: Tony Sovey , Plant Manager and Project Manager		**ACTIVITY DATE:** 03/14/2019
STAFF: Julie Brunner	**COMPLIANCE STATUS:** Compliance	**SOURCE CLASS:** MINOR
SUBJECT: Inspection to determine compliance with PTI 128-86 and exemption rules. Report located: S:\Air Quality Division\@District Facilities\B8977\Activity Reports\B8977 Viron Corporation Inspection 03-14-2019.docx		
RESOLVED COMPLAINTS:		

On March 14, 2019, I conducted an unannounced, scheduled inspection of Viron International Corporation (B8977) in Owosso. The last compliance inspection of Viron was on February 1, 2016.

Contacts:
Mr. Tony Sovey, Plant Manager and Project Manager, 989-723-8255, tsovey@vironinti.com

Facility Description and Regulatory Overview:
This facility manufactures air pollution control equipment such as scrubber, fans, ductwork, dampers, and tanks. The scrubber systems are built out of different types of plastic such as polyvinyl chloride (PVC) with impellers fabricated using an open molding fiberglass lay-up process. The control devices are designed for highly corrosive environments, such as what may be found at a chrome plating facility.

Product assembly pictures can be found at: S:\Air Quality Division\@District Facilities\B8977\Site Pictures\B8977 Viron Inspection 3-14-2019

The facility is located on the outskirts of Owosso in a more residential area. It is surrounded by a small amount of residential housing on the north and south sides, and along Hintz Road to the east. Some words are on the west side or back side of the facility that separate the nearest neighbors from the facility.

Viron is a minor source of any regulated air contaminants including hazardous air pollutants (HAPs) and not subject to the Title V Renewable Operating Permit (ROP) program. Viron has one (1) active permit, Permit to Install (PTI) No. 128-86 for a fiberglass hand lay-up and fiberglass grinding operation with dust collector, and a number of exempt processes.

Michigan Air Emissions Reporting System (MAERS):
The facility is not required to report emission information to MAERS.

Inspection:
Arrived: 11:03 am
Weather: 56°F, wind SSE @ 18 mph, UV Index 2
Departed: 11:50 am

No visible emissions were observed from any of the facility exhaust stacks upon arrival. No odors were identified surrounding the facility.

I meet with Mr. Tony Sovey, Plant Manager and Project Manager. I gave a brief overview of the inspection process which was the purpose of my visit. The facility assembles the air pollution control equipment. Steel arrives pre-cut, some grinding and welding is done to form metal pieces, then they are sent out for powder coating. Plastic sheets are formed. Then, all the pieces are assembled into a part. The facility operates 5 days per week, 10 hours per day from 7:00 am to 5:30 pm, with a half day on Saturday. They employ about 12 people. The facility has no emergency generators. Facility heat is mainly natural gas-fired space heaters that are exempt per Rule 282(2)(b) for fuel-burning equipment used for indirect heating.

PTI No. 128-86 - Fiberglass hand lay-up and fiberglass grinding operation with dust collector:

The fiberglass hand lay-up process has been sent to the Viron facility in Texas. Now the fiberglass impellers are shipped from Texas, and if damaged, then some very minor repair can be done in house. Touch up/repair is done with a small brush and container in a small room. The room where the process and fiberglass grinding operation with dust collector was located is being cleaned up and refurbished to be more product assembly space. Tony agree to have PTI 128-86 voided.

They no longer do any painting on-site, except for touch up of any nicks or scraps on parts. Parts are sent off-site to be powder coated. If they have to do any touch up then paint in spray cans is used which is exempt per Rule 287(2)(b). The paint booth that was originally permitted on PTI 139-82 is used for parts storage. The drying oven that was on PTI 139-82 is a natural gas-fired 1.2 MMBtu/hr oven made by Michigan Oven Company. It was used to soften and relieve stress in plastic parts. PVC rolls are treated at 210°F and Poly Pro rolls are treated at 270°F. It is very rarely used now. The stack has been rebuilt and is estimated to be 26 feet tall with a china cap. The china cap is not recommended as it is considered to obstruct exhaust gas flow. This oven could operate as exempt per Rule 282(2)(b) for fuel-burning equipment used for indirect heating.

Another electric oven referred to as the "pizza oven" is used to soften small PVC sheets to form parts (plastic thermoforming). There is no exhaust vents on this oven and the process appears exempt under Rule 286(2)(d).

A small extruder forms plastic pellets into thin sheets. The equipment may be grandfathered, but if not, it is exempt per Rule 286(2)(d) for plastic thermoforming. Larger pieces of plastic arrive at the plant in sheets

CNC Router and Other Machining:
A CNC router is used to machine or cut plastic pieces. The router exhausts to the in-plant environment, and is exempt under Rule 285(2)(l)(vi)(B). For the PVC plastic, they bend the plastic, and weld it. The welding is done with hot air welders, which utilize a PVC welding rod to form a bead of material. Sheets of plastic which have been cut to shape have the major seams joined by a butt welder. Smaller welds are done with the hand held hot air welders. Plastic welding is exempt per Rule 286(2)(f).

They have a small metal shop, but most metal cutting is sent out to be laser cut. They have one MIG welder which is exempt under Rule 285(2)(i).

Summary:
The facility has all exempt processes, and appeared to be in compliance with the applicable rules and regulations. PTI No. 128-86 was voided on March 20, 2019.

NAME Julie L Brunn DATE 4/5/19 SUPERVISOR B.M.