

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

N131344652

FACILITY: Northwoods Molders, Inc.		SRN / ID: N1313
LOCATION: 23 South Third Street, CRYSTAL FALLS		DISTRICT: Upper Peninsula
CITY: CRYSTAL FALLS		COUNTY: IRON
CONTACT: Randy Peterson , Owner		ACTIVITY DATE: 05/02/2018
STAFF: Shamim Ahammod	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Conducted a scheduled inspection of Crystal Steel House, Inc.		
RESOLVED COMPLAINTS:		

**FACILITY:** Crystal Steel House, Inc (SRN/ID: N1313)  
**INSPECTION DATE:** May 2, 2018  
**MDEQ-AQD Staff:** Shamim Ahammod, Environmental Engineer  
**FACILITY REPRESENTATIVE:** Randy Peterson, Owner  
**LOCATION:** The facility is located at 23 South Third Street, Crystal Falls, Michigan.

**SOURCE DESCRIPTION:**

Crystal Steel House, Inc is a full-service machine shop, custom metal fabrication, and welding services company in Crystal Falls, Michigan. The facility has four plastic molding machines and twelve steel fabricating equipment.

**INSPECTION:**

On May 2, 2018, I (Shamim Ahammod) conducted a scheduled inspection of Northwood Molders, Inc (current name is Crystal Steel House, Inc). I met with the owner, Randy Peterson. I told him the purpose of the inspection was to determine Northwood Molders, Inc compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Air Pollution Control Rules; and the conditions of Permit to Install (PTI) number 192-86.

At the beginning of our meeting, we discussed issued permit. Randy Peterson told me that he purchased this company from the previous owner in October 2017. After the brief discussion, we went on a brief walk through the plant to get an idea of the overall operations at the plant. Mr. Peterson showed me the injection process. The process is automated and feeds the pellets into the press and forms the finished product.

**REGULATORY ANALYSIS:**

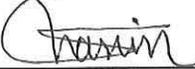
PTI#192-86 only has one special condition (SC) which describes there shall be no visible emissions from the plastic molding machines or plastic grinding operation. During the inspection, I observed, there was no visible emissions from the plastic molding machine equipment which satisfies the special condition 10.

**Exempt Sources: Steel fabricating machine**

The facility operates twelve steel fabricating machines. These machines are used for welding materials while it is required. According to Rule R336.1285(2)(l)(vi), these

**steel fabricating machines are exempt from the permit to install (PTI) requirements in Rule R 336.1201(1) because equipment that has emissions that are released only into the general in-plant environment.**

**Via onsite inspection, review of records, and discussion with staff, the facility appeared to be in compliance with the conditions of issued permit no. 192-86.**

NAME 

DATE 06/08/2018

SUPERVISOR 