

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

ACTIVITY REPORT: Self Initiated Inspection

*FY 2016 Insp*

U63151253332087

FACILITY: Premier Furnace Specialists, Inc.		SRN / ID: U631512533
LOCATION: 23850 Freeway Park Drive		DISTRICT: Southeast Michigan
CITY: Farmington Hills		COUNTY: OAKLAND
CONTACT:		ACTIVITY DATE: 10/28/2015
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: FY 2016 inspection of Premier Furnace Specialists, Inc.		
RESOLVED COMPLAINTS:		

*U-63-15-12533 - SAR - 20151028*

**Premier Furnace Specialists, Inc. (U-63-15-12533)**  
23850 Freeway Park Drive  
Farmington Hills, Michigan 48335-2814

**Particulate control equipment: Cyclone plus baghouse – idle as it came with building and the processes do not need it.**

On October 28, 2015, I conducted a level-2 self-initiated inspection of Premier Furnace Specialists, Inc. ("Premier") located at 23850 Freeway Park Drive, Farmington Hills, Michigan 48335-2814. The inspection was conducted to determine compliance with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994, PA 451 and Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) administrative rules.

During the inspection, Mr. Don Selmi (Phone: 248-596-9000; Fax: NA; Cell: 248-249-2402; E-mail: dSelmi@PremierFurnace.com), President and Owner, assisted me.

Premier Furnace Specialists buys used (hardly new) furnaces, refurbishes and sells furnaces to heat-treating companies. Both used (pre-owned) natural-gas-fired and electric furnaces are refurbished and sold. Roller coating of refurbished furnaces is done using solvent-based coatings. Roller coating results in 100% transfer efficiency and practically nil overspray. Less than 20 gallons per month coatings are used.

Roller coating is not a part of Rule 336.1287. However, due to small quantity coating usage (< 20 gal / month), practically 100 percent transfer efficiency of roller coating and absence of over-spray particulate emissions, at this time this roller coating process may be considered not priority for Rule 336.1201 Permit-to-Install. Rule 336.1290 may be applicable if the required records (the usage and the attendant calculations), which are rather cumbersome, are kept.

**Welding machines (2)**

Two welding machines are present. All exhaust gases are released to in-plant environment. Welding is conducted on small scale for refurbishing used furnaces. The machines are exempt from Rule 336.1201 (Permit-to-Install) pursuant to Rule 336.1285(i).

**A cyclone and a baghouse - idle**

A cyclone and a baghouse, arranged in series, located outside, came with the building and are not used at all. It appears that they are operable.

**Conclusion**

Particulate control equipment, cyclone plus baghouse, is idle. Rules 285, 287, 290 exempt process equipment are present.

NAME *Iranna Konanahalli* DATE *11/09/2015* SUPERVISOR *CJE*