

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

P082444770

FACILITY: Oerlikon Metco		SRN / ID: P0824
LOCATION: 41144 Concept Drive, PLYMOUTH		DISTRICT: Detroit
CITY: PLYMOUTH		COUNTY: WAYNE
CONTACT: Joel Kahl, EH&S Manager		ACTIVITY DATE: 06/18/2018
STAFF: Katherine Koster	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT: FY18 Scheduled Inspection		
RESOLVED COMPLAINTS:		

On 6/18/18, I arrived at the Oerlikon Plymouth Facility at approximately 10:30 a.m. The interior of the facility is still under construction. There are numerous signs posted at the parking lot entrances stating that it is an active construction site and visitors need to check in at the field office. I drove around to the back of the building, and I noticed various pieces of equipment outside that appeared to be awaiting installation.

On 6/21/18, I spoke with Mr. Joel Kahl, EH&S manager for Oerlikon. He stated that the dust collection system has been fully installed but the three "atomizers" are still being installed. He estimated that complete installation will take another couple of months. Regardless, we set a date of 7/10/18 to conduct a facility walkthrough.

I returned to the facility on 7/10/18 and met with Mr. Kahl. As previously stated, the facility is still in the process of installing all of the equipment. None of the titanium product processes (FGTITANIUM) have been installed. For the alloy powder operations, one 500 lb furnace has been installed and test runs are being performed. The argon system is not yet in place so the facility is having to use argon brought in on tankers. The baghouse is installed and we viewed the pressure drop gauge. The 2000 lb furnace in the permit (EUVIGALLOY1) is in the process of installation but is not operational. EUSCRNBLENALLOY is partially installed.

The emergency generator has been installed. It is smaller than the permitted size of 75 HP. We also viewed a bake oven for curing ceramic lining.

I informed Mr. Kahl that the 500 lb furnace and the bake oven were not included in the permit. Also, the emergency generator is not the same size as the one listed in the permit. Mr. Kahl stated that the PTE calculations he provided in the permit application included the 500 lb furnace as well as the 2000 lb furnace and was unsure why it was not listed. He agreed to submit a permit modification application to include the smaller furnace and the bake oven and to revise generator conditions. The application was submitted by 8/10/18. Since the furnace emissions were evaluated in the application even though it was not listed in the permit, the facility has submitted an application to modify the permit, and the facility is not fully operational at this time, enforcement discretion is being used at this time. If the facility does not submit all of the necessary information to process the permit modification and the application is returned, a violation notice will be issued.

NAME Katherine KosterDATE 8/20/18SUPERVISOR W. M.