

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

N030527235

FACILITY: PERFECTION INDUSTRIES INC		SRN / ID: N0305
LOCATION: 18571 WEAVER, DETROIT		DISTRICT: Detroit
CITY: DETROIT		COUNTY: WAYNE
CONTACT: Kerry Ryan , Vice President		ACTIVITY DATE: 09/25/2014
STAFF: Gerald Krawiec	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Targeted inspection for FY 2014		
RESOLVED COMPLAINTS:		

AQD Staff conducted a scheduled inspection at Perfection Industries located in Detroit. The purpose of the inspection was to determine the facility's compliance with state PTI No. 213-01B and federal air pollution regulations. In addition on October 4, 2004 this company entered into a Consent Order AQD No. 30-2004, the compliance with that order was also to be determined. Mr. Kerry Ryan, Vice President accompanied AQD staff on the inspection.

FACILITY DESCRIPTION:

The Company commenced its business in 1951 and operates five (5) hard chrome electroplating tanks.

PROCESS DESCRIPTION:

The emissions from each tank are collected by vents with a series of ductwork. Collected air contaminates from all tanks are filtered through a single composite mesh pad scrubber system and then discharged to the ambient air through a stack. These processes are subject to the requirements of the Chrome NESHAP, 40 CFR 63 Subpart N, adopted by reference as R 336.1941. Accordingly, the Company is required to keep daily records of the pressure drop for the composite mesh pad scrubber system and perform quarterly inspections of the scrubber system. The NESHAP also requires the facility to conduct quarterly inspections of the ductwork and check for leaks and make prompt repairs if needed.

COMPLIANCE EVALUATION:

A tour of the facility indicated that the plant was running according to the conditions set forth in PTI 213-01B. Composite mesh pads are in place and the three (3) pressure differential gauges are reading within acceptable ranges. Four (4) tanks are in operation at this time.

Record keeping was reviewed, a random sample of the daily records of the scrubber pressure drop is attached. Total pressure drop for all three (3) reading must not exceed 4.5 inches H₂O. A stack test was performed in September 2003 that demonstrated compliance. Consent Order AQD No. 30-2004 seems to be complied with and per paragraph 22 can be terminated upon request after 5 years. Termination of the CO was not discussed at the time of this inspection. Since the CO is more than 5 years old, when in the area of this facility I will follow-up with Mr. Ryan regarding his option to request termination of the CO.

EVALUATION SUMMARY:

At the time of this inspection, this facility is in compliance with requirements evaluated.

NAME 

DATE 10/15/14

SUPERVISOR 