

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

N079239856

FACILITY: Chemical Process Industries, LLC		SRN / ID: N0792
LOCATION: 25428 JOHN R, MADISON HTS		DISTRICT: Southeast Michigan
CITY: MADISON HTS		COUNTY: OAKLAND
CONTACT: Bruce Kafarski, President		ACTIVITY DATE: 05/16/2017
STAFF: Rem Pinga	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Level 2 Target Inspection		
RESOLVED COMPLAINTS:		

On 05/16/2017, I conducted a level 2 target inspection at Chemical Process Industries, LLC, formerly known as at J. D. Plating Company, Inc., located at 25428 John R. Road, Madison Heights, Michigan 48071. The purpose of the inspection was to determine the facility's 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 Administrative Rules, and the facility's Permit to Install No. 591-86.

During the pre-inspection meeting, I initially showed my credential (ID Badge) and stated the purpose of my visit to Mr. Kafarski, facility owner. Mr. Kafarski bought the assets of JD Plating Company from Mr. George Wines in 2010 and registered the new company name as Chemical Process Industries, LLC. In 2014, Mr. Kafarski sent a letter request to AQD Permit Section to transfer responsibility of PTI No. 591-86 to the new company which was subsequently approved.

The facility operates 2 electroplating lines (Lines A & B) which appeared to be exempt from permit to install requirements per MDEQ Air Quality Division (AQD) Administrative Rule R 336.1285(2)(r)(vii). The lines conduct Zinc based plating of metal parts mostly for the automotive industry. In addition, the facility operates a dip spin coating process under Permit to Install No. 591-86, consisting of 1 small dip tank and a larger dip tank with a designated bake oven. I observed a small natural gas fired boiler (140,000 BTU/hr. rated heat input, installed in February 2014, and exempt from permit to install requirements per AQD Rule R 336.1282(2)(b)) in one corner of the room. This oven is used for baking parts coming from the plating processes.

Line A plates Zinc/Iron while Line B plates Zinc into automotive metal stamping parts. A cleaning/phosphate coating line is also located in the same area of the building. I was informed that the facility plates and coats mostly automotive and some military metal parts. During inspection, plating Line A was not operating and I was informed that it was shutdown sometime in October 2015.

During inspection, I observed the larger dip spin machine coating metal parts. The facility coats parts only as needed and per customer requirement. The facility is permitted to use low VOC water based paints.

Mr. Kafarski previously submitted through email the facility's coating use records for CY 2016. Per PTI No. 591-86 special condition 10, the CY 2016 highest monthly gallons of coatings usage were 46 gallons in March 2016 and the highest monthly 12-month rolling total VOC emissions were 0.49 ton/year for January through March 2016. This is

way below the 4.82 tons/year permit limit. In CY 2015, the highest monthly 12-month rolling total VOC emissions occurred in September, November, and December 2015 at 0.50 ton/year. The highest monthly coating usage was 77 gallons for the month of September 2015. I did not observe any visible emissions while at the facility. The facility's historical coating usage since Mr. Kafarski bought the facility assets from J.D. Plating, was less than the 200 gallons per month limit to qualify for permit to install exemption per AQD Rule 287(2)(c) or Administrative Rule R 336.1287(2)(c). On May 16, 2017, Mr. Kafarski attached a letter in an email to AQD Warren Office requesting to void PTI No. 591-86. I have forwarded the email to AQD Permit Section in Lansing, Michigan to process the PTI void request.

Overall, I did not find any noncompliance issues during inspection.

NAME K. M. Ji

DATE 5/23/2017

SUPERVISOR Joye S.