

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : PIONEER METAL FINISHING - STEPHENS ROAD	SRN : N6388
Location : 13251 STEPHENS ROAD	District : Southeast Michigan
	County : MACOMB
City : WARREN State: MI Zip Code : 48089	Compliance Status : Compliance
Source Class : SM OPT OUT	Staff : Kaitlyn Leffert
FCE Begin Date : 1/1/2015	FCE Completion Date : 2/25/2020
Comments : Previous activity indicates that the facility is in compliance. There were not any compliance issues identified during the FY2020 inspection.	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
01/31/2020	Scheduled Inspection	Compliance	FY2020 Scheduled Inspection
05/03/2019	MAERS	Compliance	Reported throughputs and emissions calculations appear to be accurate. No changes were made to the MAERS submission. Reported emissions (source total): 85.59 lbs Ammonia; 2,246.75 lbs CO; 0.01 lb Lead; 2,674.70 lbs NOx; 203.28 lbs PM; 16.05 lbs SO2; 13,441.11 lbs VOC
04/18/2017	MAERS	Compliance	MAERS Report Submission.
04/22/2016	MAERS	Compliance	MAERS Report Submission. 4/22 completed the review for MAERS Report.
04/22/2016	MAERS	Compliance	MAERS Report Submission.
09/06/2015	Scheduled Inspection	Compliance	Annual Inspection

Activity Date	Activity Type	Compliance Status	Comments
08/05/2015	Stack Test	Compliance	Emission Test Report. The report showed that the overall control efficiency was 95.6%. The RTO chamber temperature was 1,544 F on an average during the test. The minimum RTP temperature was at 1,535 F. The capture efficiency test for each coating process connected to the RTO was evaluated using the smoke tube test method. During the test, I observed that the smoke went into the spray booths when standing just outside of the booth; however, I'm reluctant to let the company using 95.6% overall control efficiency for the booths. Because the company sometimes places painted parts outside of the booth for a while before sending them to the oven, the location of the painted parts may not be the exact location as where the person performed the smoke test. Due to different painters are working in the area, it's very hard to predict where they place the coated parts. The uncertainty make the capture efficiency test hard. According to the company, only 7 - 10 % of the parts are coated in the booths. Since the tested overall efficiency is 95.6%, to be conservative, I advise the company use the permit allowed value 76% for the spray booths.
05/20/2015	Stack Test Observation	Compliance	Stack test observation
05/15/2015	MAERS	Compliance	Reviewed the MAERS Report & verified the control efficiency with the company's consultant. (JZ)