DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

U5011011329967

FACILITY: International Finishing Technologies		**SRN / ID:** U50110113
LOCATION: 51187 Industrial Drive, Macomb		**DISTRICT:** Southeast Michigan
CITY: Macomb		**COUNTY:** MACOMB
CONTACT: Brandon Peterson , Manager		**ACTIVITY DATE:** 06/23/2015
STAFF: Sebastian Kallumkal	**COMPLIANCE STATUS:** Compliance	**SOURCE CLASS:**
SUBJECT: Onsite Inspection		
RESOLVED COMPLAINTS:		

On Tuesday, June 23, 2015, I conducted a self-initiated inspection at the International Finishing Technologies located at 51187 Industrial Drive, Macomb, Michigan. The purpose of the inspection was to verify facility's compliance with requirements of Article II, Air Pollution Control, Part 55 of Act 451 of 1994.

I arrived at the facility around 11:30 AM. At the facility I met Mr. Brandon Peterson, Manager. I introduced myself and explained the purpose of my visit. He informed me that the owner, Mr. Jim Levardi, was not available and the business way down. He is the only employee there. The facility did not appear to have much business. He told me that he had only three pieces of parts to be powder coated. International Finishing Technologies was started in 2010. The facility performs powder coating and liquid spray coating of military aircraft parts. The cleaning section (alkaline, rinse, drying oven) is common for both coating processes. The conveyors carrying parts for both processes go through liquid spray booth initially. The parts for powder coating then go to the powder coating booth

The facility has a downdraft, heated, liquid spray booth with water wash control system for particulate matter control. The captured solid filter materials are filtered and the water is recycled. They use HVLP spray guns for coating application. Facility uses a still to reclaim its spray gun cleaner. This distillation process exempt from permit to install requirements pursuant to R336.1285(u).
I observed that they have only a gallon of each these coating at the facility. His business is in the beginning stage, so he has not much business. He is not keeping records of the material usage. I suggested that he keep records of the materials purchased to keep track of coatings used. I offered to send him the Rule 287(c) coating recordkeeping spreadsheet prepared by MDEQ. The facility appears to be using less than 200 gallons per month of coating. He told me that he has three 55 gallon drums of MEK. Based on the stated usage the spray coating process could be exempt from permit to install requirements pursuant to Rule 287(c).
The facility also has a powder coating booth with particulate matter control and cure oven. The cure oven is natural gas fired. The captured powder is recycled. The powder coating process is exempt from Permit to Install requirements pursuant to R336.1287(d).
The facility also has passivation (chemical conversion coating) process for aluminum and stainless steel parts. The process includes alkaline cleaning, water rinse, acid cleaning, rinse followed by conversion coating. A water soluble cleaner is used for this cleaning. The tanked are exhausted to the general plant area. This process is exempt from permit to install requirements pursuant to R336.1285(r)(iv).

The facility has a zinc plating line with alkaline cleaning tanks and water rinse. All tanks are exhausted to the general plant area. This process is exempt from permit to install requirements pursuant to the Rule 285 (r)(vii)
The facility has a natural gas fired, 5.2 MMBTU/hr boiler for steam, installed in October 22, 2010. This boiler is exempt from permit to install requirements pursuant to R336.1282(b)(i).
The facility operates one shift during Monday – Friday and employs 1 people. None of the process was operating at the time of my inspection. He told me he had done only very little paint coating this year.

Conclusion: The facility appears to be in compliance with applicable air quality regulations.

NAME Sebastian Kallumbo DATE 6/30/2015 SUPERVISOR CJE