

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

U15141170127008

|   |                                      |                                  |
|---|--------------------------------------|----------------------------------|
| <b>FACILITY:</b> ACAT Global                |                                      | <b>SRN / ID:</b> U151411701      |
| <b>LOCATION:</b> 5339 M-66 North            |                                      | <b>DISTRICT:</b> Gaylord         |
| <b>CITY:</b> Charlevoix                     |                                      | <b>COUNTY:</b> CHARLEVOIX        |
| <b>CONTACT:</b>                             |                                      | <b>ACTIVITY DATE:</b> 09/18/2014 |
| <b>STAFF:</b> Kurt Childs                   | <b>COMPLIANCE STATUS:</b> Compliance | <b>SOURCE CLASS:</b>             |
| <b>SUBJECT:</b> MAPR Compliance Inspection. |                                      |                                  |
| <b>RESOLVED COMPLAINTS:</b>                 |                                      |                                  |

I conducted an inspection of ACAT Global to determine compliance with the Michigan Air Pollution Control Rules. ACAT Global is a manufacturer of catalytic converters for a wide range of applications from small engines to large off-road heavy equipment. I originally tried to conduct an inspection on 9/3/14 but no one was available to accompany me. I returned on 9/18/14 and met with Mr. Randy Waffle, the production manager. Mr. Waffle showed me the plant operations and described each of the processes. I provided a copy of the environmental inspections brochure to Mr. Waffle.

The ACAT Global Charlevoix plant manufactures the corrugated substrate that makes up the core of the catalytic converter. These cores are sent to another facility to receive the catalytic coating and another facility to be assembled in the outside covering of the converter. The processes at this plant include forming stainless steel foil into a corrugated form, cutting and assembling the corrugated foil, welding the core together, heating the cores to prepare the surfaces for the catalytic coating. There is also a tool room that manufactures process machinery and tools for the process machinery.

All processes at the plant are exposed to the general in-plant environment with the exception of three electrically heated furnaces which are vented outdoors to remove heat and cool down the furnaces. There is no air pollution control equipment associated with this equipment. Two of the furnaces are operable the third has not been used yet. Heating the parts in the furnaces creates an aluminum oxide coating on the surface of the foil that increases the surface area of the core. The furnaces were not operating at the time of the inspection. This process appears to meet the permit exemption in Rule 282(a)(i) for electrically heated heat treating processes.

The remainder of processes at the plant are standard machine shop and fabrication activities that would qualify for various Rule 285 exemptions including: 282(i) for brazing, soldering, welding; 282(l)(i) for bending, forming, expanding, rolling, forging, pressing, drawing, stamping, spinning, or extruding either hot or cold metals; 282(vi) (B) for carving, cutting, routing, turning, drilling, machining, sawing, surface grinding, sanding, planning, buffing, sand blast cleaning, shot blasting, shot peening, or polishing metals, with emissions released only into the general in-plant environment.

As a result of my inspection it appears that the processes at the ACAT Global Charlevoix, MI. facility are in compliance with the Michigan Air Pollution Control rules.

NAME 

DATE 9-22-14

SUPERVISOR 