

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
**ACTIVITY REPORT: On-site Inspection**

U63240651274709

<b>FACILITY:</b> Horiba Instruments		<b>SRN / ID:</b> U632406512
<b>LOCATION:</b> 2890 John R Rd		<b>DISTRICT:</b> Warren
<b>CITY:</b> Troy		<b>COUNTY:</b> OAKLAND
<b>CONTACT:</b>		<b>ACTIVITY DATE:</b> 11/08/2024
<b>STAFF:</b> Adam Bognar	<b>COMPLIANCE STATUS:</b> Compliance	<b>SOURCE CLASS:</b>
<b>SUBJECT:</b> Scheduled Inspection		
<b>RESOLVED COMPLAINTS:</b>		

On Friday, November 8, 2024, Michigan Department of Environment, Great Lakes, and Energy-Air Quality Division (EGLE-AQD) staff, I, Adam Bognar, conducted an inspection of Horiba Instruments located at 2890 John R Road, Troy, MI 48083. The purpose of this inspection was to determine the facility's compliance status with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control of Natural Resources and Environmental Protection Act, 1994 Public Act 451; Michigan Department of Environment, Great Lakes, and Energy, Air Quality Division (EGLE-AQD) rules; and Permit to Install (PTI) No. 491-96A.

I arrived at Horiba Instruments at 10 am. Sean, Environmental Health & Safety met me outside the building. Sean allowed me into the building and showed me around the manufacturing/testing plant.

Horiba Instruments does various testing on automotive components. Essentially every job is custom, so there are not consistent manufacturing processes located throughout the plant. They will re-arrange and/or re-tool the equipment at the facility based on the current customer's needs. I observed that they are currently building dynamometer testing equipment for a customer. No dynamometers are currently operational at this facility.

I also observed various automotive tests set up around the facility. Brake components, suspension components, and other automotive components are tested for durability at this facility. The facility has an environmental chamber that is used to test parts at varying temperatures, humidities, and pressures. This environmental chamber unit is electric.

PTI No. 491-96A was issued to the previous owner/tenant at this address, Schenck Pegasus Corporation, on April 15, 1998 for engine test cells. I asked Sean if these engine test cells still exist at the facility. Sean stated that this equipment was removed long ago. Sean showed me where these test cells were previously located. No engine test cells were present. I observed that the exhaust system that previously served these engine test cells is no longer being used. I advised Sean that he should send AQD a request to void PTI No. 491-96A. Sean sent this request to AQD on November 21, 2024.

There are various machining operations throughout the plant, including a lathe. I observed that all machining operations are exhausted to the general in-plant environment. Based on my observations, the machining operations are exempt from Rule 201 requirements per Rule 285(2)(I)(vi)(B).

Sean stated that there are no parts washers or paint booths at this facility.

I left the facility at around 11 am

**Compliance Determination**

Based on my observations during this inspection and record review, Horiba Instruments is operating in 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); and Michigan Department of Environment, Great Lakes, and Energy-Air Quality Division (EGLE-AQD) Administrative Rules.

NAME Adam BognerDATE 11/21/2024SUPERVISOR Joyce