Asheville-Buncombe Air Quality Agency Facility Inspection Report

Facility Inspection Information					
Facility Name:	Aprotech Powertrain, LLC				
Date of Inspection:	March 10, 2025		**Last Inspected:**	September 21, 2023	
Mailing Address:	31 Adams Hill Road, Asheville, NC 28806	**Physical Location:**	31 Adams Hill Road, Asheville, NC 28806		
Contact Name:	Kenneth West & Jim Jones		**Phone Number:**	828-702-3416	
Contact Email:	kwest@aprotechgroup.com				
Permit #:	11-867-17	**Issued:**	July 10, 2017	**Expires:**	July 30, 2025
Inspector(s):	Steve Ensley				
Results:	Appears in compliance		**Inspection Time:**	0900	

Safety Equipment / Special Instructions

Safety glasses and steel-toed shoes are required while in the manufacturing area.

On March 10, 2025, I traveled to Aprotech Powertrain, LLC and met with Kenneth West to perform an unannounced compliance inspection. Aprotech Powertrain, LLC specializes in manufacturing vibration dampeners for commercial vehicles and agricultural equipment. Mr. West explained that there have been no changes to equipment or production since the last compliance inspection. During the inspection the following sources were observed:

Permitted Equipment

EMISSION SOURCE ID	EMISSION SOURCE DESCRIPTION	OBSERVATION
ES-103	One (1) vibration damper adhesive spray operation controlled by one (1) waterwash system (CD-103).	Observed in operation
ES-104	One (1) vibration damper primer spray operation controlled by one (1) waterwash system (CD-104).	Observed in operation
ES-105	One (1) vibration damper paint spray operation controlled by one (1) waterwash system (CD-105)	Observed in operation
ES-106	Five (5) vibration damper dip tanks.	4 were in the main line using toluene as lubricant. 1 was in a separate area and used Murphy's Oil Soap instead.

Exempt Sources:

EXEMPT EQUIPMENT	OBSERVATION
One (1) 0.8 million BTU per hour natural gas-fired baking oven	Observed in operation
One (1) 2.3 million BTU per hour natural gas-fired parts washer	Observed not in operation
Various machining operations	Observed not in operation
Various natural-gas fired boilers	Observed in operation

Permit Conditions:

The following permit conditions were reviewed during this inspection:

- A.14 – This condition requires the facility retain a copy of the permit on the premises. ***The facility had a copy of their current operating permit on-site.***
- B.2 – This condition states the facility shall be operated to prevent odorous emissions from being emitted beyond the boundary of the facility. ***No odors were observed beyond the boundary of the facility.***
- B.3 – This condition establishes the facility's particulate matter emission limit from ES-103, ES-104, and ES-105. This regulation limits PM emissions from ES-103, ES-104, and ES-105 to 16.51 pounds per hour each. Per updated emission calculations made by AB Air Quality, ES-103, ES-104, and ES-105 emit 0.009, 0.006, and 0.007 pounds of PM per hour, respectively. Provided the facility maintains the overspray collection systems on the paint spray booths, it will be assumed these operations are in compliance with this regulation. ***The facility is aware of the particulate matter emission limit and is using waterwash systems on ES-103, ES-104, and ES-105 to control and minimize emissions from the associated spray operations.***
- B.4 – This condition limits visible emissions from all sources to no more than 20 percent opacity when averaged over a six-minute period. ***Emission release points were observed with no visible emissions during the inspection.***

- B.5 – The facility has triggered an air toxics review under AB Air Quality Code 17.0700 and 4.1100. In order to comply with the requirements of this condition, the facility is required to monitor and maintain records of annual emissions of trichloroethylene calculated monthly. ***According to Kenneth West, they have not used trichloroethylene in years and removed all processes that utilize tricholorethylene.***
- B.6 – This condition requires that the facility submit annual emission reports for VOCs and HAPs. ***The facility is submitting annual reports as required. The most recent annual report was received on February 7, 2025 and contained all the required information.***

Compliance History:

The facility does not have any history of recorded violations in the last ten (10) years.

Conclusion:

Based on the above information, Aprotech Powertrain, LLC appears to be in compliance with all applicable regulations of the AB Air Quality Code. It is recommended that this permit be renewed.

Signature: _____ **Date:** 3/10/25

Reviewer Signature: _____ **Date:** 3/11/25

Director Signature: _____ **Date:** 5/16/2025