

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : AVL POWERTRAIN ENGINEERING	SRN : N6989
Location : 1801 E ELLSWORTH RD	District : Jackson
	County : WASHTENAW
City : ANN ARBOR State: MI Zip Code : 48108	Compliance Status : Compliance
Source Class : MAJOR	Staff : Mike Kovalchick
FCE Begin Date : 10/1/2020	FCE Completion Date : 2/9/2022
Comments : No current compliance issues. Fuel usage for engine test cells well below limits. Company considering opt-out permit and voiding current ROP.	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
02/09/2022	ROP Annual Cert	Compliance	Annual Compliance Certification, pursuant to rule 213(4)(c)). No compliance issues. Fuel usage for the engine test cell well below limits.
02/09/2022	ROP SEMI 2 CERT	Compliance	During the entire reporting period, ALL monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred. Fuel usage for the engine test cell well below limits.
02/09/2022	MAERS	Compliance	2021 emissions inventory report submitted via MAERS on 1/20/22. Company provided extensive spread sheet to show their calculate emissions. They used a combination of stack test results and fuel usage records to determine emissions. Emissions were significantly lower than previous years since a much higher percent of engines were controlled when being tested. Compliance inspection completed on 2/8/22 found no issues. No concerns.
02/08/2022	On-site Inspection	Compliance	Announced compliance inspection of an engine test cell facility.

Activity Date	Activity Type	Compliance Status	Comments
09/22/2021	ROP SEMI 2 CERT	Compliance	Semi Annual Report received - During the entire reporting period, all monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred, EXCEPT for the deviations identified on the enclosed : As this particular engine was a military engine under the development stage it was originally and running with out catalyst it was unknown to AVL that opacity greater than 20% would be visible. AVL purchased and installed aftermarket catalyst to correct the issue.
09/22/2021	ROP Annual Cert	Compliance	Annual Compliance certification received - During the entire reporting period this source was in compliance with all terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference, EXCEPT for the deviations identified on the enclosed
09/22/2021	ROP Other	Compliance	Deviation Report received : As this particular engine was a military engine under the development stage it was originally and running with out catalyst it was unknown to AVL that opacity greater than 20% would be visible. AVL purchased and installed aftermarket catalyst to correct the issue.
09/22/2021	ROP Semi 1 Cert	Compliance	Semi Annual. During the entire reporting period, ALL monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements occurred.
12/01/2020	ROP Semi 1 Cert	Compliance	Semi-Annual report certification 01/01/20 to 6/30/20. -All monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements occurred.

Name: Mike Kovalchik Date: 2/9/22

Supervisor: 