

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Hyundai America Technical Center Inc. (HATCI)	SRN : N7886
Location : 6800 GEDDES RD	District : Jackson
	County : WASHTENAW
City : SUPERIOR TWP	State: MI Zip Code : 48198 Compliance Status : Compliance
Source Class : MAJOR	Staff : Diane Kavanaugh Vetort
FCE Begin Date : 1/1/2020	FCE Completion Date : 1/19/2021
Comments : Major Source FCE/PCE	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
01/19/2021	On-site Inspection	Compliance	Major Source, FCE/PCE Compliance inspection and records review
12/21/2020	Stack Test	Compliance	Test Results Report, HATCI EUDYNO4 (FGDYNOS 1 of 4 Test Cells). ROP 5 year test requirement. Results Controlled: CO 0.246 lb CO/gal EF (ROP 0.292); NOx 0.0038 lb NOx/gal EF (ROP 0.091). Results UNControlled: CO 2.62 lb CO/gal EF (ROP 5.09); NOx 0.079 lb NOx/gal EF(0.20). Four cylinder engine, gasoline fuel. Fuel use 1.8 gal/hr per test run (controlled); 3.3 gal/hr uncontrolled. Removed WOT from controlled test runs by adding another 5 min 3000 RPM. WOT 6100 RPM was last step on Uncontrolled test runs. MD ok'd during test.
10/30/2020	Stack Test	Compliance	Test Protocol received with ROP Certification. (Protocol also by email on 10/9) Source testing plan for CO and NOx under Flexible Group FG-Dynos to include testing of Emission Unit (EU-Dyno4) during a controlled (Catalytic Converter) and Uncontrolled conditions. Barr consultant & hired 3rd party tester. Mark D. TPU assigned. TEST DATE: 11/12/20. DKV did not observe (death in family).

Activity Date	Activity Type	Compliance Status	Comments
10/06/2020	ROP Semi 1 Cert	Compliance	ROP 1ST Semi-annual Report Certification Form indicating HACTI's compliance with all monitoring and associated recordkeeping requirements in the ROP and no deviations from these requirements or any other terms or conditions occurred. This form has also been mailed via Federal Express today, tracking No.: 771495244339. Acceptable.
10/05/2020	Malfunction Abatement Plan	Compliance	ROP Renewal required submittal of this updated plan. Natural Gas Emergency Engine's updated PMP/MAP for your review and approval. Acceptable. Filed.
09/25/2020	Telephone Notes		Received call from Teresa Kinder, Barr Consultant regarding emails on upcoming performance testing required by ROP (recently renewed & has 5 yr req'mt now). Answered questions and agreed to allow them to test in the same Cell this time, due to close to test date, and will prepare another Cell for the next test. Allowing not to test Diesel because don't run much at this time. Can add a test later if increase or next round. Have existing EF to continue to use. Plan to have Protocol to AQD bgy 10/11/20 and Test the week before Thanksgiving. Contract with RWDI, Canadian company to conduct test. Notified me new HACTI environmental person is Nancy Smith. EHHS experience not engineer.
07/29/2020	Other		Document newest contacts minimal information: Jin Han Rim JINHANRIM@HATCI.COM and Ekaterina Focht EFOCHT@HATCI.COM Former contact: Shawn Mirz is no longer with company. Consultant: Barr = newest contact Lisa Schalm (added to Facility Contacts).

Activity Date	Activity Type	Compliance Status	Comments
05/13/2020	MAERS		REPORT RECEIVED. CERTIFICATION RECEIVED 3/17/2020. Pending email sent to obtain Support Documents. Received spreadsheets on 5/18. Acceptable. Use Test EF and some AP-42. Report CO 107 tons; NOx 4 tons; PMs all under 500 lbs; SO2 under 300 lbs; VOC 4 tons. Dyno controlled emissions up 235%; Uncontrolled up 29%.
03/20/2020	ROP SEMI 2 CERT	Compliance	2019 2nd Semi-annual. Report deviation of NSPS Emergency generator maintenance not completed. Corrected when found. Note: during CMS inspection need to have procedure to prevent reoccurrence.
03/20/2020	ROP Annual Cert	Compliance	2019 Annual ROP Cert and Dev report. Report 1 deviation during 2nd semi. Corrected. During FY20 inspection need to determine preventative measure.

Name: *Micane Kavanaugh Vétort* Date: 01/27/2021

Supervisor: 