



Hyundai Motor Manufacturing Alabama, LLC  
700 Hyundai Boulevard, Montgomery, AL 36105  
TEL: 334-387-8000  
www.hmmausa.com

Mr. Kevin Fulmer  
Alabama Department of Environmental Management  
Air Division  
1400 Coliseum Boulevard  
Montgomery, Alabama 36110-2400

RE: HMMA Semiannual Compliance Certification for RY 2020, 1st Half (2/4/2020 - 8/3/2020)

Delivery Method: HAND DELIVERY

October 1, 2020

Dear Mr. Fulmer,

Please find enclosed the 2020-1H Semiannual Compliance Certification Report for Hyundai Motor Manufacturing Alabama L.L.C. (HMMA), Title V Permit # 209-0090. HMMA's current Title V permit was issued on February 4, 2019.

For further assistance, please contact me at (334) 387-8818.

Sincerely,

Alex Reeder  
Air Specialist  
Environmental Team, EHS Department  
Hyundai Motor Manufacturing Alabama, LLC

RECEIVED

OCT 01 2020

ADEM FRONT DECK

**SEMIANNUAL COMPLIANCE CERTIFICATION**  
for a Major Source Operating Permit

Year of Report:   2  

**Section 1: Facility Report**

**Facility Information**

**Permittee Name:**   Hyundai Motor Manufacturing AL,LLC  

**Facility Name:**   Hyundai Motor Manufacturing AL,LLC  

**MSOP No.:**   209-0090  

**Facility Location:**   700 Hyundai Blvd, Montgomery, AL, 36105  

**Responsible Official Information**

**Name:**   Robert Burns  

**Title:**   Vice President of Human Resources & Administration  

**Phone No.:**   (334) 387-8010  

**Certification Statement**

I hereby certify that the information given in this report, based on information and belief formed after reasonable inquiry is true, accurate, and complete.

  Robert Burns    
Signature

  Sept. 30, 2020    
Date

**Section 2: Compliance Report**

Reporting Period: From: 02/04/2020 To: 08/03/2020

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
Transfer	209-0090	209-0090 General Permit Provisos 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No change in Location/Owner	No change in Location/Owner
Renewals	209-0090	209-0090 General Permit Provisos 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Permit Issuance and Expiration Date	Title V permit renewed effective date 2/4/2019
Severability Clause	209-0090	209-0090 General Permit Provisos 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A	None
Compliance	209-0090	209-0090 General Permit Provisos 4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quarterly, Semiannual, and Annual Air Emission Reports	See Notes 1, 2
Termination for Cause	209-0090	209-0090 General Permit Provisos 5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A	None
Property Rights	209-0090	209-0090 General Permit Provisos 6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A	None
Submission of Information	209-0090	209-0090 General Permit Provisos 7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recordkeeping	None
Economic Incentives, Marketable Permits, and Emissions Trading	209-0090	209-0090 General Permit Provisos 8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A	None

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
Certification of Truth, Accuracy, and Completeness	209-0090	209-0090 General Permit Provisos 9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Required reports certified by a responsible official	None
Inspection and Entry	209-0090	209-0090 General Permit Provisos 10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Permission to ADEM and EPA Authorized Representative	None
Compliance Provisions	209-0090	209-0090 General Permit Provisos 11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Compliance evaluation and Certification, reporting and recordkeeping	See Notes 1, 2
Compliance Certification	209-0090	209-0090 General Permit Provisos 12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance Certification Report submitted within 60 days of the anniversary date of issuance of permit to ADEM and EPA	Records
Reopening for Cause	209-0090	209-0090 General Permit Provisos 13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monitor changes	No changes
Additional Rules and Regulations	209-0090	209-0090 General Permit Provisos 14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance Evaluation and Certification	None
Equipment Maintenance or Breakdown	209-0090	209-0090 General Permit Provisos 15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Start Up, Shutdown and Malfunction Plan, equipment interlock, recordkeeping	None

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
Operation of Capture and Control Devices	209-0090	209-0090 General Permit Provisos 16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Preventive maintenance, negative pressure, pressure switches, process and equipment interlocks, process control by EMOS, alarms, MES, recordkeeping	EMOS is computerized process control system, MES - Manufacturing Execution System
Obnoxious Odors	209-0090	209-0090 General Permit Provisos 17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Incident reporting. No reportable incidents or complaints.	None
Fugitive Dust	209-0090	209-0090 General Permit Provisos 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Good Work Practices	None
Additions and Revisions	209-0090	209-0090 General Permit Provisos 19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Prior approval from ADEM, air permits, recordkeeping	ADEM approval and applicable permits obtained for additions and revision to this source
Recordkeeping Requirements	209-0090	209-0090 General Permit Provisos 20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recordkeeping, record retention at least 5 years, web servers with sufficient storage space, back up and data recovery ability	None
Reporting Requirements	209-0090	209-0090 General Permit Provisos 21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quarterly Compliance Reports, Semiannual Compliance Certification	None
Emission Testing Requirements	209-0090	209-0090 General Permit Provisos 22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance Test Reports	See Note 2

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
Payment of Emission Fees	209-0090	209-0090 General Permit Provisos 23	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Annual Emission Fee payment records	None
Other Reporting and Testing Requirements	209-0090	209-0090 General Permit Provisos 24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reporting and recordkeeping	None
Title VI Requirements (Refrigerants)	209-0090	209-0090 General Permit Provisos 25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Work practices, personnel certification requirements, and certified recycling and recovery equipment	None
Chemical Accidental Prevention Provisions	209-0090	209-0090 General Permit Provisos 26	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chemical approval process, SDS management software and evaluation of compliance	All chemicals must be preapproved by HIMMA Environmental Team prior to use
Display of Permit	209-0090	209-0090 General Permit Provisos 27	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Copy of Permit maintained by Environmental Team	Good Recordkeeping Practices
Circumvention	209-0090	209-0090 General Permit Provisos 28	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Good Work Practices, training	None
Visible Emissions	209-0090	209-0090 General Permit Provisos 29	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel, monitoring records	See Note 3
Fuel-Burning Equipment	209-0090	209-0090 General Permit Provisos 30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Natural gas used as fuel for processes except permitted diesel fuel emergency generators and gasoline engines, low NOx burners	SO2 Category II County

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
Process Industries – General	209-0090	209-0090 General Permit Provisos 31	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Permitted processes, maintenance, scrubbers, PM filters, low NOx burners	None
Averaging Time for Emission Limits	209-0090	209-0090 General Permit Provisos 32	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	As approved by ADEM and permit requirements. Emission reports and recordkeeping.	None
This source is subject to PSD-BACT emission limitations	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 1-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Compliance monitoring and evaluation records, monthly emission reports	See Note 1
This source is subject to the New Source Performance Standards (NSPS) as defined in 40 CFR 60, Subpart MM and the General Provisions in Subpart A	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 1-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance monitoring and evaluation records, monthly emission reports	Recordkeeping
This unit is subject to the opacity emission rate limits	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 1-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel, monitoring records	See Note 3
National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions from Surface Coating of Automobiles and Light-Duty Trucks Operations as a "New Source"	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 1-4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance monitoring and evaluation records, monthly emission reports	Recordkeeping
This source is subject to 112g emission limitations	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 1-5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance monitoring and evaluation records, monthly emission reports	Recordkeeping

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
420,000 vehicles in any consecutive 12-month period	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1, Section 2-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Production tracking, monthly reports, Quarterly Compliance Reports sent to ADEM	Recordkeeping
Emission of Volatile Organic Compounds (VOCs) from this facility from all clean up/purge/flushing solvents shall not exceed 150.0 tons per year (TPY) in any consecutive rolling 12-month period	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1, Section 2-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified data by chemical suppliers, monthly emission calculations and evaluation against permit limits, Quarterly Compliance Reports sent to ADEM	Recordkeeping
Emission of Hazardous Air Pollutants (HAPs) from this facility shall not exceed 13.0 TPY for Miscellaneous Assembly Materials and 36.0 TPY for Clean up/Purge/Flushing Solvents in any consecutive rolling 12-month period.	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1, Section 2-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified data by chemical suppliers, monthly emission calculations and evaluation against permit limits, Quarterly Compliance Reports sent to ADEM	Recordkeeping
New Source Performance Standards (NSPS) VOC Limits for Primecoat, Guidecoat, Top Coat	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1, Section 2-4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified data by chemical suppliers, monthly emission calculations and evaluation against permit limits, Quarterly Compliance Reports sent to ADEM	Recordkeeping

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
This source is subject to the BACT limits - VOC	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 2-5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified data by chemical suppliers, monthly emission calculations and evaluation against permit limits, Quarterly Compliance Reports sent to ADEM	Recordkeeping
This source is subject to the BACT limits - CO, NOx, PM Oven Exhaust RTO	209-0090 Operating Permit Summary No. 1. Oven Exhaust RTO	209-0090 Operating Permit Summary No. 1. Section 2-6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Compliance Test Reports, Low NOx burners installed, maintained, and operated	See Note 1
This source is subject to the Particulate BACT limits	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 2-7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Venturi wet scrubbers, particulate filters, filter and scrubber pressure monitoring, manufacturer/vendor guarantee	Recordkeeping, AP-42 Standard
This source is subject to the BACT limits - NOx	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 2-8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Natural gas used as fuel, low NOx burners installed, maintained, and operated	Recordkeeping, AP-42 Standard
This source is subject to the BACT limits - CO	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 2-9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ovens and Clear Coat booth exhaust goes to RTO, AP-42 Standard	RTO Compliance Test Report, recordkeeping. RTO CO limit changed to pounds per hour as approved by ADEM effective 12/6/2013.

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
Only natural gas may be used as fuel in the combustion equipment with the exception of the diesel fueled emergency generator(s) and gasoline engines	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 2-10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Records of monthly natural gas consumption	Natural gas used as fuel
The oven exhaust RTO-1 shall be operated at or above the temperature (3-run arithmetic average) at which compliance is demonstrated during the initial performance test, or subsequent tests which demonstrate compliance.	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 2-11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	RTO combustion chamber temperature records	RTO temperature data collected every minute and retained on server
A Stage II vapor control system or On Board Vapor Recovery system shall be installed and used during filling of the gas tank for each vehicle	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 2-12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	On Board Vapor Recovery system	None
E-coat Oven, Sealer/Deadener/Coating Oven, Primer Oven, Clear Coat Booth Exhaust, Top Coat Oven, RPP Booth (RP-1) to RTO	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 2-13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Preventive maintenance, negative pressure, pressure switches, process and equipment interlocks, process control by EMOS, alarms, MIES, use of RPS material in RPP booth (RP-1)	Recordkeeping. When using RPS (low VOC/high solids) material in RP-1, this booth is not required to be vented to RTO-1.

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
MACT (112g) emission limits	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1, Section 2-14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified data by chemical suppliers, monthly emission calculations and evaluation against permit limits, Quarterly Compliance Reports sent to ADEM	Recordkeeping
Additional MACT (112g) emission limits	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1, Section 2-15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified data by chemical suppliers, monthly emission calculations and evaluation against permit limits, Quarterly Compliance Reports sent to ADEM	Recordkeeping
The stack(s) associated with this facility shall not exhibit greater than 10% opacity	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1, Section 2-16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel, monitoring records	See Note 3
Utilize good work practices that are practically and economically feasible to minimize VOC/HAP emissions	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1, Section 2-17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Use of best practices. HMMA is ISO 14001 Certified.	Standard Work Instruction Sheets, training
Utilize good work practices to minimize VOC/HAP emissions from paintshop process unit	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1, Section 2-18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monthly checklist and records. HMMA is ISO 14001 Certified.	Monthly Work Practices Checklist, Standard Work Instruction Sheets, training
Compliance and Performance Test Methods and Procedures	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1, Section 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance test plans and reports, certified data by chemical suppliers, recordkeeping	None

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
Emission Monitoring & Tests	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 4-1, 4-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance test plans and reports, recordkeeping	None
A continuous recorder for the Oven Exhaust RTO-1	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 4-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A continuous recorder for the Oven Exhaust RTO-1 is installed, calibrated, and maintained to record combustion temperature	Temperature data maintained electronically
The pressure differential for the Venturi Scrubbers	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 4-4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Differential pressure monitoring and records (for every production day)	Recordkeeping
The particulate filters on the following sources (TB-1, AS-19, AS-20, AS-21, AS-22, AS-23, AS-24, OS-1)	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 4-5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Weekly filter differential pressure checks and maintenance (if required)	Recordkeeping
Recordkeeping and Reporting Requirements	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 5-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monthly reports, Quarterly Compliance Reports sent to ADEM	Recordkeeping
The minimum operational temperature of the combustion chamber of the Oven Exhaust RTO (RTO-1)	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1. Section 5-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance Report, continuous temperature data recorded on data recorder, data maintained electronically	Temperature data maintained electronically

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
The Oven Exhaust RTO (RTO-1)	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1, Section 5-3, 5-4, 5-5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Audible alarms, RTO Start Up, Shutdown and Malfunction Plan, temperature monitoring data and records, incident logs, process and equipment interlocks, process control by EMOS	Temperature data maintained electronically
Quarterly Report for the Oven Exhaust RTO	209-0090 Operating Permit Summary No. 1	209-0090 Operating Permit Summary No. 1, Section 5-6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monthly reports, Quarterly Compliance Reports sent to ADEM	Recordkeeping
These units are subject to the opacity emission rate limits (NATURAL GAS FIRED BOILERS (HW1, HW2))	2 - 24.494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2, Section 1-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel, monitoring records	Recordkeeping
This unit (HW1, HW2) is subject the Standards of performance for New Stationary Sources; Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR Part 60, Subpart Dc	2 - 24.494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2, Section 1-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Natural gas used as fuel, low NOx burners, vendor data	None
This source (HW1, HW2) is subject to a PSD-BACT emission limitation	2 - 24.494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2, Section 1-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Natural gas used as fuel, low NOx burners, vendor data, recordkeeping	None

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
This source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions for Industrial, Commercial, and Institutional Boilers and Process Heaters as an "Existing Source"	2 - 24,494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2. Section 1-4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Natural gas used as fuel, low NOx burners, vendor data, recordkeeping	None
The stack(s) associated with this (these) source(s) shall not exhibit greater than 10% opacity	2 - 24,494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2. Section 2-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel, monitoring records	None
Emission of PM-10 from each natural gas fired boiler (HW1, HW2)	2 - 24,494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2. Section 2-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Natural gas used as fuel, AP-42 Standard, vendor-supplied equipment data	None
Emission of NOx from each natural gas fired boiler (HW1, HW2)	2 - 24,494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2. Section 2-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Low NOx burners, natural gas used as fuel, AP-42 Standard, vendor-supplied equipment data	None
Emission of CO from each natural gas fired boiler (HW1, HW2)	2 - 24,494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2. Section 2-4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Natural gas used as fuel, AP-42 Standard, vendor-supplied equipment data	None
These units (HW-1, HW-2) are limited to the use of Natural Gas only as a fuel to fire the burner.	2 - 24,494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2. Section 2-5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Records of monthly natural gas consumption	Natural gas used as fuel

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
The boilers are subject to the National Emission Standards for Hazardous Air Pollutants: Industrial, Commercial, and Institutional Boilers and Process Heaters (Subpart DDDDD). The permittee will conduct a tune-up of the boiler or process heater annually as specified in § 63.7540...	2 - 24.494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2. Section 2-6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Records	Annual tune-up was conducted on June 24-26, 2020
Compliance and Performance Test Methods and Procedures	2 - 24.494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2. Section 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	As per methods specified in Permit if required to be tested.	None
Emission Monitoring	2 - 24.494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2. Section 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None required	None
Recordkeeping and Reporting Requirements	2 - 24.494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2. Section 5-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Records of monthly natural gas consumption	Recordkeeping
Records of the annual tune-up of the boiler as specified in § 63.7540 and one-time energy assessment performed by a qualified energy assessor as per 40CFR Part 63 Table 3 to subpart DDDDD shall be kept in permanent form suitable for inspection...	2 - 24.494 MMBTU/HR NATURAL GAS FIRED BOILERS (HW1, HW2)	209-0090 Operating Permit Summary No. 2. Section 5-2, 5-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Completed one time energy assessment by qualified energy assessor and burner tune-up before Jan 31, 2016	Annual tune-up was conducted on June 24-26, 2020

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
STORAGE TANKS WITH STAGE I RECOVERY -THREE 10,000 GALLON GASOLINE STORAGE TANKS, ONE 9,950 GALLON WINDSHIELD WASHER FLUID STORAGE TANK, AND THREE 65,000, TWO 18,000, THREE 10,000 GALLON WASTEWATER EQUALIZATION STORAGE TANKS	STORAGE TANKS WITH STAGE I RECOVERY	209-0090 Operating Permit Summary No. 03. Section 1 through Section 5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gasoline storage tanks (GT1, GT2, GT3) are equipped and operated with submerged fill pipes and a Stage I vapor recovery system, WW fluid stored in MA1, (ET1, ET2, ET3, ET4, ET5, ET6, ET7, ET8) are used only as equalization water tanks	None
This source is subject to PSD-BACT emission limitations	ENGINE TEST DYNAMOMETER W/ INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 1-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance test reports, recordkeeping	Recordkeeping
This unit is subject to the opacity emission rate limits	ENGINE TEST DYNAMOMETER W/ INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 1-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel, monitoring records	Recordkeeping
This source is subject to 112g emission limitations	ENGINE TEST DYNAMOMETER W/ INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 1-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance test report, exhaust sent to catalytic thermal oxidizer (CTO), combustion chamber temperature data monitoring and recordkeeping	Recordkeeping

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
The stack(s) associated with this (these) source(s) shall not exhibit greater than 10% opacity	ENGINE TEST DYNAMOMETER W/ INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 2-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel, monitoring records	Recordkeeping
Hyundai shall install and operate a catalytic thermal oxidizer on the Engine Test Dynamometer Nos. 2 and 3 (ES-17)...	ENGINE TEST DYNAMOMETER W/ INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 2-2, 2-3, 2-4, 2-5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installed, operated, and maintained catalytic thermal oxidizer (CTO), combustion chamber temperature data monitoring and recordkeeping, compliance test reports	Recordkeeping
Hyundai shall install and operate a catalytic thermal oxidizer on the Engine Test Dynamometer Nos. 5 and 6 (ES-19)...	ENGINE TEST DYNAMOMETER W/ INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 2-6, 2-7, 2-8, 2-9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installed, operated, and maintained catalytic thermal oxidizer (CTO), combustion chamber temperature data monitoring and recordkeeping, compliance test reports	Recordkeeping
Compliance and Performance Test Methods and Procedures	ENGINE TEST DYNAMOMETER W/ INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance test protocol and reports	Recordkeeping
The monitoring requirements in this permit shall be as required in Section 5--Recordkeeping and Reporting Requirements in addition to those listed below.	ENGINE TEST DYNAMOMETER W/ INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 4-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recordkeeping	Recordkeeping

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
A continuous recorder for the incinerator on the Engine Test Dynamometer Nos. 2 and 3 (ES-17) & Engine Test Dynamometer Nos. 5 and 6 (ES-19) shall be installed, calibrated, and maintained to record the combustion temperature in a permanent form	ENGINE TEST DYNAMOMETER W/INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 4-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Data recorder is installed, operated, and maintained. Temperature data is saved on network server.	Temperature data maintained electronically
HIMMA must develop and implement an inspection and maintenance plan for the catalytic oxidizer...	ENGINE TEST DYNAMOMETER W/INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 4-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Maintenance plan is developed and implemented, monthly inspection records are maintained, annual sampling and analysis, annual internal inspection	Recordkeeping
The minimum operational temperature of the combustion chamber of the incinerator or the inlet of the catalytic oxidizer for the process equipment shall be determined by test...	ENGINE TEST DYNAMOMETER W/INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 5-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compliance test was conducted and approved by ADEM, temperature set point based on test results, monitoring and recording temperature data	Recordkeeping
The incinerator(s) must have audible alarm or easily detectable signal which will provide a warning when the combustion chamber or inlet catalytic oxidizer temperature decreases to less than the established minimum operational temperature...	ENGINE TEST DYNAMOMETER W/INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 5-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Logic built in PLC, system interlocked such that testing cannot be done until temperature condition is met and maintained, data recorder temperature data monitored	Recordkeeping

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
A recording-type temperature measuring device shall be used to measure and record the temperature in the combustion chamber or inlet of the catalytic oxidizer of the incinerators...	ENGINE TEST DYNAMOMETER W/INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 5-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Data recorder is installed, operated, and maintained. Temperature data is saved on network server.	Temperature data maintained electronically
When any bypassing of the incinerator(s) occurs, the time, date, or duration, estimated CO emissions, and equipment process(es) bypassed will be recorded. Records will be maintained of any malfunction or non-operation of the incinerator, which results...	ENGINE TEST DYNAMOMETER W/INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 5-4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Incidents recorded and reported (if any) to ADEM. Records maintained for all incidents and respective corrective action taken.	Recordkeeping
A report summarizing the following information shall be submitted each calendar quarter by the 30th day of the month following the end of the quarter	ENGINE TEST DYNAMOMETER W/INCINERATOR AFTERBURNER (ES-17, ES-19)	209-0090 Operating Permit Summary No. 008. Section 5-5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quarterly reports sent to ADEM, records maintained	Recordkeeping
This unit is subject to the opacity emission rate limits	GENERAC (EG04) (63 HP, 36 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 016. Section 1-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel	Emergency Generator

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-11-06 (86), "National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions from Stationary Reciprocating Internal Combustion Engines (ZZZZ) as a "New Source" ...	GENERAC (EG04) (63 HP, 36 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 016. Section 1-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Initial notification submitted to ADEM	Emergency Generator
This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-10-02 (88), "National Standards of Performance for New Stationary Sources (NSPS) for Stationary Spark Ignition Internal Combustion Engines (JJJJ) as a "New Source"	GENERAC (EG04) (63 HP, 36 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 016. Section 1-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installed non-resettable hour meter, tracking generator run hours for maintenance	Emergency Generator
This unit shall not discharge into the atmosphere opacity greater than ten percent (10%), as determined by a six (6) minute average.	GENERAC (EG04) (63 HP, 36 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 016. Section 2-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel	Emergency Generator
The emergency generator is subject to the Standards of Performance for New Stationary Sources; Stationary Spark Ignition Internal Combustion Engines, 40 CFR 60, Subpart JJJJ...	GENERAC (EG04) (63 HP, 36 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 016. Section 2-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installed non-resettable hour meter, tracking generator run hours for maintenance	Emergency Generator

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
The Emergency stationary SI RICE unit(s) shall: a. not emit more than 387.0 CO g/HP-hr. b. not emit more than 10.0 VOC g/HP-hr.	GENERAC (EG04) (63 HP, 36 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 016. Section 2-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified emergency generator	Emergency Generator
Section 3---Compliance and Performance Test Methods and Procedures	GENERAC (EG04) (63 HP, 36 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 016. Section 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel	Records
Section 4--Emission Monitoring	GENERAC (EG04) (63 HP, 36 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 016. Section 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None required	None
Section 5--Recordkeeping and Reporting Requirements – 1, 2	GENERAC (EG04) (63 HP, 36 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 016. Section 5-1, 5-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installed non-resettable hour meter, tracking generator run hours for maintenance	Recordkeeping
Section 5-3 Within the first 15 days of each month, compliance with all provisos in this permit will be determined. These records will be maintained for 5 years...	GENERAC (EG04) (63 HP, 36 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 016. Section 5-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Records retention, quarterly report sent to ADEM	None

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
This unit is subject to the opacity emission rate limits	KOHLER POWER SYSTEMS 400REZX (EG02) (650 HP, 485 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 017. Section 1-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel	Emergency Generator
This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-11-.06 (86), "National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions from Stationary Reciprocating Internal Combustion Engines (ZZZZ) as a "New Source"...	KOHLER POWER SYSTEMS 400REZX (EG02) (650 HP, 485 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 017. Section 1-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Initial notification submitted to ADEM	Emergency Generator
This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-10-.02 (88), "National Standards of Performance for New Stationary Sources (NSPS) for Stationary Spark Ignition Internal Combustion Engines (JJJJ) as a "New Source"	KOHLER POWER SYSTEMS 400REZX (EG02) (650 HP, 485 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 017. Section 1-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installed non-resettable hour meter, tracking generator run hours for maintenance	Emergency Generator

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
This unit shall not discharge into the atmosphere opacity greater than twenty percent (20%), as determined by a six (6) minute average. During one six (6) minute period during any sixty (60) minute period, this unit may discharge opacity not exceeding forty percent (40%).	KOHLER POWER SYSTEMS 400REZX (EG02) (650 HP, 485 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 017. Section 2-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel	Emergency Generator
The emergency generator is subject to the Standards of Performance for New Stationary Sources; Stationary Spark Ignition Internal Combustion Engines, 40 CFR 60, Subpart JJJJ...	KOHLER POWER SYSTEMS 400REZX (EG02) (650 HP, 485 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 017. Section 2-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installed non-resettable hour meter, tracking generator run hours for maintenance	Emergency Generator
The Emergency stationary SI RICE unit(s) shall: a. not emit more than 2.0 NOx g/HP-hr. b. not emit more than 4.0 CO g/HP-hr. c. not emit more than 1.0 VOC g/HP-hr.	KOHLER POWER SYSTEMS 400REZX (EG02) (650 HP, 485 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 017. Section 2-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified emergency generator	Emergency Generator
Section 3--Compliance and Performance Test Methods and Procedures	KOHLER POWER SYSTEMS 400REZX (EG02) (650 HP, 485 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 017. Section 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel	Records

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
Section 4--Emission Monitoring	KOHLER POWER SYSTEMS 400REZX (EG02) (650 HP, 485 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 017. Section 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None required	None
Section 5--Recordkeeping and Reporting Requirements – 1, 2	KOHLER POWER SYSTEMS 400REZX (EG02) (650 HP, 485 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 017. Section 5-1, 5-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installed non-resettable hour meter, tracking generator run hours for maintenance	Recordkeeping
Section 5-3 Within the first 15 days of each month, compliance with all provisos in this permit will be determined. These records will be maintained for 5 years...	KOHLER POWER SYSTEMS 400REZX (EG02) (650 HP, 485 KW, NATURAL GAS)	209-0090 Operating Permit Summary No. 017. Section 5-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Records retention, quarterly report sent to ADEM	None
This unit is subject to the opacity emission rate limits	GENERATOR: CATERPILLAR 3406C (CFB2) (460 HP, 343 KW, DIESEL)	209-0090 Operating Permit Summary No. 018. Section 1-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel	Emergency Diesel Fire Pump

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-11-.06 (86), "National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions from Stationary Reciprocating Internal Combustion Engines (ZZZZ) as an "Existing Source" ...	GENERATOR: CATERPILLAR 3406C (CFB2) (460 HP, 343 KW, DIESEL)	209-0090 Operating Permit Summary No. 018. Section 1-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Initial notification submitted to ADEM	Emergency Diesel Fire Pump
Section 2--Emission Standards: This unit shall not discharge into the atmosphere opacity greater than twenty percent (20%), as determined by a six (6) minute average. During one six (6) minute period during any sixty (60) minute period, this unit may discharge opacity not exceeding forty percent (40%).	GENERATOR: CATERPILLAR 3406C (CFB2) (460 HP, 343 KW, DIESEL)	209-0090 Operating Permit Summary No. 018. Section 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel	Emergency Diesel Fire Pump
Section 3--Compliance and Performance Test Methods and Procedures	GENERATOR: CATERPILLAR 3406C (CFB2) (460 HP, 343 KW, DIESEL)	209-0090 Operating Permit Summary No. 018. Section 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel	Emergency Diesel Fire Pump
Section 4--Emission Monitoring	GENERATOR: CATERPILLAR 3406C (CFB2) (460 HP, 343 KW, DIESEL)	209-0090 Operating Permit Summary No. 018. Section 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None required	None

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
Section 5--Recordkeeping and Reporting Requirements -- 1, 2	GENERATOR: CATERPILLAR 3406C (CFB2) (460 HP, 343 KW, DIESEL)	209-0090 Operating Permit Summary No. 018. Section 5-1, 5-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installed non-resettable hour meter, tracking generator run hours for maintenance	Records
Section 5-3 Within the first 15 days of each month, compliance with all provisos in this permit will be determined. These records will be maintained for 5 years...	GENERATOR: CATERPILLAR 3406C (CFB2) (460 HP, 343 KW, DIESEL)	209-0090 Operating Permit Summary No. 018. Section 5-3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Records retention, quarterly report sent to ADEM	None
This unit is subject to the opacity emission rate limits	GENERATOR: CATERPILLAR 3412C (EG01) (1039 HP, 775 KW, DIESEL), CATERPILLAR 3512C (CEB1) (1818 HP, 1356 KW, DIESEL)	209-0090 Operating Permit Summary No. 019. Section 1-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel	Emergency Generators
This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3- 11-.06 (86), "National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions from Stationary Reciprocating Internal Combustion Engines (ZZZZ) as a "New Source" ...	GENERATOR: CATERPILLAR 3412C (EG01) (1039 HP, 775 KW, DIESEL), CATERPILLAR 3512C (CEB1) (1818 HP, 1356 KW, DIESEL)	209-0090 Operating Permit Summary No. 019. Section 1-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Initial notification submitted to ADEM	Emergency Generators

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
Section 2--Emission Standards: This unit shall not discharge into the atmosphere opacity greater than twenty percent (20%), as determined by a six (6) minute average. During one six (6) minute period during any sixty (60) minute period, this unit may discharge opacity not exceeding forty percent (40%).	GENERATOR: CATERPILLAR 3412C (EG01) (1039 HP, 775 KW, DIESEL), CATERPILLAR 3512C (CEB1) (1818 HP, 1356 KW, DIESEL)	209-0090 Operating Permit Summary No. 019. Section 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel	Emergency Generators
Section 3--Compliance and Performance Test Methods and Procedures	GENERATOR: CATERPILLAR 3412C (EG01) (1039 HP, 775 KW, DIESEL), CATERPILLAR 3512C (CEB1) (1818 HP, 1356 KW, DIESEL)	209-0090 Operating Permit Summary No. 019. Section 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certified Method 9 personnel	Emergency Generators
Section 4--Emission Monitoring	GENERATOR: CATERPILLAR 3412C (EG01) (1039 HP, 775 KW, DIESEL), CATERPILLAR 3512C (CEB1) (1818 HP, 1356 KW, DIESEL)	209-0090 Operating Permit Summary No. 019. Section 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None required	Emergency Generators

Emission Unit Description	Permit Unit No(s)	Permit Condition No(s)	Compliance Status <sup>1</sup>			Method for Determining Compliance	Comment
			Continuous	In, with Exception(s)	Intermittent		
Section 5--Recordkeeping and Reporting Requirements – 1	GENERATOR: CATERPILLAR 3412C (EG01) (1039 HP, 775 KW, DIESEL), CATERPILLAR 3512C (CEB1) (1818 HP, 1356 KW, DIESEL)	209-0090 Operating Permit Summary No. 019. Section 5-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installed non-resettable hour meter, tracking generator run hours for maintenance	Records
Section 5-2 Within the first 15 days of each month, compliance with all provisos in this permit will be determined. These records will be maintained for 5 years...	GENERATOR: CATERPILLAR 3412C (EG01) (1039 HP, 775 KW, DIESEL), CATERPILLAR 3512C (CEB1) (1818 HP, 1356 KW, DIESEL)	209-0090 Operating Permit Summary No. 019. Section 5-2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Records retention, quarterly report sent to ADEM	None

(Continued on Next Page)

<sup>1</sup> For each permit condition that compliance is being reported as intermittent, the permittee must provide supporting documentation which identifies all deviations that occurred during the reporting period, the probable cause of said deviations, and any corrective action(s) or preventative measures that were taken. If the permittee has previously submitted a report detailing the circumstances of a deviation (e.g. Semiannual Monitoring Report or Prompt Deviation Report) to the Air Division, that report may be referenced in lieu of resubmitting that information. You must indicate the specific date(s) of the report(s).

**Notes:**

**Note 1:** On August 5, 2020, during scheduled RTO-1 Destruction Efficiency Testing (see Note 2 below), results revealed RTO-1 was operating at 92.6%, below the 95% compliance threshold. A report was submitted to the Alabama Department of Environmental Management (ADEM) on September 4, 2020 detailing the potential causes of this noncompliance as well as immediate and future countermeasures HMMMA employed in order to attempt to regain destruction efficiency compliance. However, based on the preliminary destruction efficiency data HMMMA received on August 4 (prior to implementing immediate countermeasures to improve the performance of RTO-1), HMMMA cannot assert compliance with regard to RTO-1 destruction efficiency during this reporting period. This is the only item that was out of compliance for all relevant provisos.

**Note 2:** Due to the Covid-19 pandemic, HMMMA was forced to postpone destruction efficiency compliance testing for RTO-1, originally scheduled for April 13-15, 2020. ADEM was first made aware of this delay on March 30, 2020 via email to Kevin Fulmer as soon as the situation became clearer. When it was determined that HMMMA would not be able to meet the testing deadline of May 23, 2020, a request for a deadline extension was sent via email to Kevin Fulmer on April 29, 2020. Destruction efficiency compliance testing for RTO-1 was conducted on August 3-5, 2020.

**Note 3:** On August 5, 2020, while ADEM was onsite observing RTO-1 destruction efficiency compliance testing, there were visible emissions of 10-15% observed exiting stack EC-2, which is the exhaust of the E-coat Oven. These emissions were observed after the reporting period for this Compliance Certification; thus, HMMMA asserts continuous compliance with regard to visible emissions during this reporting period.

**Note 4:** {Reserved}



**HYUNDAI**

Hyundai Motor Manufacturing Alabama, LLC  
700 Hyundai Boulevard, Montgomery, AL 36105  
[www.hmmausa.com](http://www.hmmausa.com)

Kevin Fulmer  
Air Division  
1400 Coliseum Boulevard  
Montgomery, AL  
36110-2400

**RECEIVED**

OCT 8 1 2023

ADEM FRONT DECK

**NEW THINKING.  
NEW POSSIBILITIES.**