



State of Mississippi



AIR POLLUTION CONTROL PERMIT

Permit To Construct Air Emissions Equipment

THIS CERTIFIES

Rolls Royce North America, Rolls Royce Center of Excellence

John C Stennis Space Center

Stennis Space Center, MS

Hancock County

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified: JUN 27 2012

Expires:

Permit No. 1000-00050

Agency Interest # 23215

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Other Relevant Documents:

The federal regulations referenced in this permit may be found on-line at <http://ecfr.gpoaccess.gov/> and the State of Mississippi regulations may be found on-line at <http://www.mdeq.ms.state.us/> or a copy of the regulations may be obtained by contacting the Mississippi Department of Environmental Quality, Environmental Permitting Division, Post Office Box 2261, Jackson, Mississippi 39255, phone (601) 961-5171. The following regulations were referenced in this permit:

Mississippi Air Regulations APC-S-2, Permit Regulations for the Construction and/or Operation of Air Emissions Equipment

40 CFR Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Internal Combustion Engines

40 CFR Part 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Permit To Construct Air Emissions Equipment

Rolls Royce North America, Rolls Royce Center of Excellence

Subject Item Inventory

Permit Number:1000-00050

Activity ID No.: PER20120001

Subject Item Inventory:

ID	Designation	Description
AI23215	23215	Jet Engine Test Facility
EQPT1	AA-001	Jet Engine Test Stand No. 1
EQPT2	AA-002	2349 bhp (13.75 MMBTU/hr) Existing Diesel Non-emergency Reciprocating Internal Combustion Engine
EQPT3	AA-003	39,600 gallon Jet Fuel Above Ground Storage Tank
EQPT4	AA-004	39,600 gallon Jet Fuel Above Ground Storage Tank
EQPT5	AA-005	14,410 gallon Jet Fuel Day Tank
EQPT6	AA-006	1,000 Gallon Capacity Above Ground Horizontal Storage Tank for Storage of Diesel Fuel Oil
EQPT7	AA-007	852 bhp (5.46 MMBTU/hr) New Diesel Emergency Reciprocating Internal Combustion Engine
EQPT8	AA-008	685 bhp (4.61 MMBTU/hr) New Diesel Emergency Reciprocating Internal Combustion Engine
EQPT9	AA-009	39,600 Gallon Jet Fuel Horizontal Storage Tank
EQPT10	AA-010	600 Gallon Capacity Above Ground Horizontal Storage Tank for Storage of Diesel Fuel Oil
EQPT11	AA-011	3000 Gallon Capacity Above Ground Horizontal Storage Tank for Storage of Diesel Fuel Oil
EQPT12	AA-012	Jet Engine Test Stand No. 2
EQPT13	AA-013	39,600 Gallon Above Ground Horizontal Jet Fuel Storage Tank
EQPT14	AA-014	39,600 Gallon Above Ground Horizontal Jet Fuel Storage Tank
EQPT15	AA-015	39,600 Gallon Above Ground Horizontal Jet Fuel Storage Tank
EQPT16	AA-016	25,000 Gallon Above Ground Horizontal Jet Fuel Storage Tank
EQPT17	AA-017	853 bhp (5.46 MMBtu/hr) New Emergency Diesel Reciprocating Internal Combustion Engine

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Rolls Royce North America, Rolls Royce Center of Excellence

Subject Item Inventory

Permit Number:1000-00050

Activity ID No.: PER20120001

ID	Designation	Description
EQPT18	AA-018	685 bhp (4.61 MMBtu/hr) New Emergency Diesel Reciprocating Internal Combustion Engine

Subject Item Groups:

ID	Description	Components
GRPT2	Engine Test Stands AA-001 and AA-012	EQPT1 Jet Engine Test Stand No. 1 EQPT12 Jet Engine Test Stand No. 2
GRPT7	AA-007, AA-008, AA-017 and AA-018 New Emergency Engines	EQPT17 853 bhp (5.46 MMBtu/hr) New Emergency Diesel Reciprocating Internal Combustion Engine EQPT18 685 bhp (4.61 MMBtu/hr) New Emergency Diesel Reciprocating Internal Combustion Engine EQPT7 852 bhp (5.46 MMBTU/hr) New Diesel Emergency Reciprocating Internal Combustion Engine EQPT8 685 bhp (4.61 MMBTU/hr) New Diesel Emergency Reciprocating Internal Combustion Engine
GRPT6	Facility-Wide Limitations and Reporting Requirements	AI 23215 Jet Engine Test Facility EQPT1 Jet Engine Test Stand No. 1 EQPT10 600 Gallon Capacity Above Ground Horizontal Storage Tank for Storage of Diesel Fuel Oil EQPT11 3000 Gallon Capacity Above Ground Horizontal Storage Tank for Storage of Diesel Fuel Oil EQPT12 Jet Engine Test Stand No. 2 EQPT13 39,600 Gallon Above Ground Horizontal Jet Fuel Storage Tank EQPT14 39,600 Gallon Above Ground Horizontal Jet Fuel Storage Tank EQPT15 39,600 Gallon Above Ground Horizontal Jet Fuel Storage Tank EQPT16 25,000 Gallon Above Ground Horizontal Jet Fuel Storage Tank EQPT2 2349 bhp (13.75 MMBTU/hr) Existing Diesel Non-emergency Reciprocating Internal Combustion Engine EQPT3 39,600 gallon Jet Fuel Above Ground Storage Tank EQPT4 39,600 gallon Jet Fuel Above Ground Storage Tank EQPT5 14,410 gallon Jet Fuel Day Tank EQPT6 1,000 Gallon Capacity Above Ground Horizontal Storage Tank for Storage of Diesel Fuel Oil

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ID	Description	Components
GRPT6	Facility-Wide Limitations and Reporting Requirements	EQPT7 852 bhp (5.46 MMBTU/hr) New Diesel Emergency Reciprocating Internal Combustion Engine
		EQPT8 685 bhp (4.61 MMBTU/hr) New Diesel Emergency Reciprocating Internal Combustion Engine
		EQPT9 39,600 Gallon Jet Fuel Horizontal Storage Tank
		GRPT2 Engine Test Stands AA-001 and AA-012
		GRPT4 Diesel Fuel Storage Tanks AA-006, AA-010 and AA-011
		GRPT3 Jet Fuel Storage Tanks AA-003, AA-004, AA-005, AA-009, AA-013, AA-014, AA-015, AA-016
GRPT4	Diesel Fuel Storage Tanks AA-006, AA-010 and AA-011	EQPT10 600 Gallon Capacity Above Ground Horizontal Storage Tank for Storage of Diesel Fuel Oil
		EQPT11 3000 Gallon Capacity Above Ground Horizontal Storage Tank for Storage of Diesel Fuel Oil
		EQPT6 1,000 Gallon Capacity Above Ground Horizontal Storage Tank for Storage of Diesel Fuel Oil
GRPT3	Jet Fuel Storage Tanks AA-003, AA-004, AA-005, AA-009, AA-013, AA-014, AA-015, AA-016	EQPT13 39,600 Gallon Above Ground Horizontal Jet Fuel Storage Tank
		EQPT14 39,600 Gallon Above Ground Horizontal Jet Fuel Storage Tank
		EQPT15 39,600 Gallon Above Ground Horizontal Jet Fuel Storage Tank
		EQPT16 25,000 Gallon Above Ground Horizontal Jet Fuel Storage Tank
		EQPT3 39,600 gallon Jet Fuel Above Ground Storage Tank
		EQPT4 39,600 gallon Jet Fuel Above Ground Storage Tank
		EQPT5 14,410 gallon Jet Fuel Day Tank
		EQPT7 852 bhp (5.46 MMBTU/hr) New Diesel Emergency Reciprocating Internal Combustion Engine

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ID	Description	Components
GRPT3	Jet Fuel Storage Tanks AA-003, AA-004, AA-005, AA-009, AA-013, AA-014, AA-015, AA-016	EQPT9 39,600 Gallon Jet Fuel Horizontal Storage Tank

Receiving Stream Relationships:

Subject Item	Relationship	Receiving Stream
AI 23215 Jet Engine Test Facility	Discharges Into	Wetland Adjacent to
	Then Into	Pearl River

KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

RPNT = Release Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

MAFO = Animal Feeding Operation

TRMT = Treatment

Permit To Construct Air Emissions Equipment
Rolls Royce North America, Rolls Royce Center of Excellence
Facility Requirements
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Activity ID No.: PER20120001

GRPT0000000006 (Entire Facility) Facility-Wide Limitations and Reporting Requirements:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Carbon Monoxide	Carbon Monoxide: For the entire facility, the permittee is limited to carbon monoxide emissions of 249 tons/year on a twelve month rolling total basis. [APC-S-2 II.B(10)]
L-2	Nitrogen oxides	Nitrogen oxides: For the entire facility, the permittee is limited to nitrogen oxide (NOx) emission of 249 tons/year on a 12-month rolling total basis. [APC-S-2 II.B(10)]
L-3	Sulfur Dioxide	Sulfur Dioxide: For the entire facility, the permittee is limited to sulfur dioxide emissions of 249 tons/year on a 12-month rolling total basis. [APC-S-2 II.B(10)]
L-4	VOC	VOC: For the entire facility, the permittee is limited to VOC emissions of 249 tons/year on a 12-month rolling total basis. [APC-S-2 II.B(10)]

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GRPT0000000006 (continued):

Submittal/Action Requirements:

Condition	Condition
S-1	<p>The permittee shall submit an annual emission report to show compliance with the facility-wide limitation of 249 tpy for CO, NO_x, SO₂ and VOC, including the following information for each engine test conducted in Engine Test Stand No. 1 (AA-001) and Engine Test Stand No. 2 (AA-012):</p> <ul style="list-style-type: none">a) the engine typeb) the loadc) the amount of fuel used in each load of the engine testd) the calculation of the emission rates for NO_x, CO, VOC, and SO₂. The permittee shall use emission factors from the International Civil Aviation Organization (ICAO) emissions data bank or equivalent to verify compliance with the PSD avoidance limitations for NO_x, CO, VOC and SO₂. The report shall include the loading and emission rate used for each engine test. <p>In addition, the report shall include:</p> <ul style="list-style-type: none">a) the gallons of fuel used in Test Stand No. 2 (AA-012) to verify compliance with the jet fuel throughput limitation.b) the total hours of operation and the emissions of NO_x, CO, VOC and SO₂ from emission points AA-002, AA-007, AA-008, AA-017 and AA-018.c) the gallons of fuel throughput and the emissions of VOC from the jet fuel storage tanks, emission points AA-003, AA-004, AA-005, AA-009, AA-013, AA-014, AA-015, and AA-016d) the gallons of diesel fuel oil throughput and emissions of VOC from the No. 2 fuel oil storage tanks, AA-006, AA-010 and AA-011 <p>Emissions shall be calculated for each month of the annual reporting period and shall be reported for each consecutive 12-month period. [APC-S-2 II.B(11)]</p>

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AI0000023215 (23215) Jet Engine Test Facility:

Submittal/Action Requirements:

Condition No.	Condition
S-1	General Condition: The permittee shall submit certification of construction: Due within thirty (30) days of completion of construction or installation of an approved stationary source or prior to startup, whichever is earlier. The notification shall certify that construction or installation was performed in accordance with the approved plans and specifications. In the event there is any change in construction from the previously approved plans and specifications or permit, the permittee shall promptly notify MDEQ in writing. If MDEQ determines the changes are substantial, MDEQ may require the submission of a new application to construct with "as built" plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an "as built" application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law. [APC-S-2 V.D]
S-2	Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. [APC-S-2 V.C(2)]
S-3	The permittee must notify DEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more. [APC-S-2 V.C(3)]

Narrative Requirements:

General Condition:

Condition No.	Condition
T-1	General Condition: The stationary source shall be designed and constructed so as to operate without causing a violation of any Applicable Rules and Regulations or this permit, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries. [APC-S-2 V.A]
T-2	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49_17_29 1.b]
T-3	General Condition: The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits. [Miss. Code Ann. 49_17_29]

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AI0000023215 (continued):

Narrative Requirements:

General Condition:

Condition No.	Condition
T-4	General Condition: The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed except as provided for in Regulation APC-S-1, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [APC-S-1 10]
T-5	General Condition: The permittee shall allow the Mississippi Environmental Quality Commission, the Mississippi Environmental Quality Permit Board, MDEQ staff and/or their authorized representatives, upon the presentation of credentials: a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit; and b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring equipment or monitoring method required in this permit, and to sample any air emission. [Miss. Code Ann. 49_17_21]
T-6	General Condition: After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for good cause shown including, but not limited to, the following: a. Persistent violation of any terms or conditions of this permit; b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or c. A change in any condition that requires either a temporary or permanent reduction or elimination of previously authorized air emissions. [APC-S-2 II.C]
T-7	General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. [Miss. Code Ann. 49_17_39]

Condition No.	Condition
T-8	General Condition: This permit is for air pollution control purposes only. [APC-S-2 I.D]
T-9	General Condition: The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for operating without a valid permit pursuant to State Law. [APC-S-2 II.B(5)]

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AI0000023215 (continued):

Narrative Requirements:

Condition No.	Condition
T-10	General Condition: It is the responsibility of the applicant/permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits. [APC-S-2 I.D(6)]
T-11	General Condition: The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities. [APC-S-2 II.B(7)]
T-12	General Condition: It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit, unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [APC-S-2 II.B(15)a]
T-13	General Condition: The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [APC-S-2 II.B(15)b]
T-14	General Condition: The permit does not convey any property rights of any sort, or any exclusive privilege. [APC-S-2 II.B(15)c]
T-15	General Condition: The permittee shall furnish to the DEQ within a reasonable time any information the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality. [APC-S-2 II.B(15)d]
T-16	General Condition: This permit shall not be transferred except upon approval of the Permit Board. [APC-S-2 XVI.B]
T-17	General Condition: The provisions of this permit are severable. If any provision of the permit, or the application of any provision of the permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [APC-S-2 I.D(7)]
T-18	General Condition: The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance or if construction is suspended for eighteen (18) months or more. [APC-S-2 V.C(1)]

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AI0000023215 (continued):

Narrative Requirements:

Condition No.	Condition
T-19	General Condition: A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee. [APC-S-2 V.D(3)]
T-20	General Condition: Except as prohibited in APC-S-2, Section V.D.7, after certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate, whichever is applicable, is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by APC-S-2, Section XIII.G. [APC-S-2 V.D(4)]
T-21	General Condition: Except as otherwise specified in APC-S-2, Section V.D.7, the application for issuance or modification of the State Permit to Operate or the Title V Permit, whichever is applicable, is due twelve (12) months after beginning operation or such earlier date or time as specified in the Permit to Construct. The Permit Board may specify an earlier date or time for submittal of the application. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing. [APC-S-2 V.D(5)]
T-22	General Condition: Except as otherwise specified in APC-S-2, Section V.D.7, upon submittal of a timely and complete application for issuance or modification of a State Permit to Operate or a Title V Permit, whichever is applicable, the applicant may continue to operate under the terms and conditions of the Permit to Construct and in compliance with the submitted application until the Permit Board issues, modifies, or denies the Permit to Operate. [APC-S-2 V.D(6)]
T-23	General Condition: For moderate modifications that require contemporaneous enforceable emissions reductions from more than one emission point in order to net out of PSD/NSR, the applicable Title V Permit to Operate or State Permit to Operate must be modified prior to beginning operation of the modified facilities. [APC-S-2 V.D(7)]
T-24	General Condition: Regarding compliance testing: (a) The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time. (b) Compliance testing will be performed at the expense of the permittee. (c) Each emission sampling and analysis report shall include but not be limited to the following: 1. detailed description of testing procedures; 2. sample calculation(s); 3. results; and 4. comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit. [APC-S-2 VI.B(3, 4 and 6)]

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AI0000023215 (continued):

Narrative Requirements:

Condition No.	Condition
T-25	General Condition: The construction of the stationary source shall be performed in such a manner so as to reduce fugitive dust emissions from construction activities to a minimum. [APC-S-2 V.A(4)]

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EQPT0000000002 (AA-002) 2349 bhp (13.75 MMBTU/hr) Existing Diesel Non-emergency Reciprocating Internal Combustion Engine:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		<p>Emission Point AA-002 is an existing stationary reciprocating internal combustion engine (RICE) with a site rating greater than 500 hp located at an area source of hazardous air pollutants which is subject to 40 CFR Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines.</p> <p>For Emission point AA-002, the permittee is subject to the emission limits in 40 CFR §63.6603 Table 2d, the operating limitations in 40 CFR §63.6603 Table 2b and the fuel requirements in 40 CFR §63.6604</p> <p>. [40 CFR 63_Subpart ZZZZ, 40 CFR 63.6603(Table 2b), 40 CFR 63.6604, 40 CFR 63.6603(Table 2d)]</p>

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Point AA-002, the permittee is subject to and shall comply with the performance testing requirements in 40 CFR §63.6612. [40 CFR 63.6612]
M-2		For Emission Point AA-002, the permittee is subject to the monitoring, operation and maintenance requirements in 40 CFR §63.6625. [40 CFR 63.6625]

Record-Keeping Requirements:

Condition No.	Condition
R-1	For Emission Point AA-002, the permittee shall comply with the recordkeeping requirements in 40 CFR §63.6655 and the reporting requirements in 40 CFR §63.6650. [40 CFR 63.6655, 40 CFR 63.6650]

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EQPT0000000002 (continued):

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Point AA-002, the permittee shall record the hours of operation, the monthly and the 12-month rolling total of CO, NOx, VOC and SO2 emissions. [APC-S-2 II.B(11)]

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EQPT0000000012 (AA-012) Jet Engine Test Stand No. 2:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Emission point AA-012 shall be limited to a fuel throughput of 6.5 million gallons of jet fuel to maintain carbon dioxide equivalent emissions less than 75,000 tons/year determined for each consecutive 12-month period. [APC-S-2 II.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Point AA-012, the permittee shall record the gallons of fuel used in Test Stand No. 2 (AA-012) monthly and calculate the 12-month rolling total to verify compliance with the jet fuel throughput limitation. [APC-S-2 II.B(11)]

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GRPT0000000002 (Engine Test Stands) Engine Test Stands AA-001 and AA-012:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For emission point AA-001 and AA-012, the permittee shall only burn jet fuel. [APC-S-2 II.B(10)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall maintain a record of the following information for each engine test conducted in Engine Test Stand No. 1 (AA-001) and Engine Test Stand No. 2 (AA-012): a) the engine type b) the load c) the amount of fuel used in each load of the engine test d) the calculation of the emission rates for NOx, CO, SO2 and VOC monthly and for each consecutive 12-month period. The permittee shall use emission factors from the International Civil Aviation Organization (ICAO) emissions data bank or equivalent in order to calculate the emission rates for the engine type tested. [APC-S-2 II.B(11)]

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GRPT0000000007 (New Emergency RICE) AA-007, AA-008, AA-017 and AA-018 New Emergency Engines:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Emission Points AA-007, AA-008, AA-017 and AA-018 are new stationary reciprocating internal combustion engines (RICE) with a site rating greater than 500 hp located an an area source of hazardous air pollutants which are subject to 40 CFR Part 63, Subpart ZZZZ. The permittee shall comply with the requirements of Subpart ZZZZ by complying with 40 CFR Part 60, Subpart III. [40 CFR 63.6590(c)]
L-2		For Emission Points AA-007, AA-008, AA-017 and AA-018, the permittee is subject to and shall comply with 40 CFR Part 60, Subpart III (CI NSPS), as applicable. [40 CFR 60_Subpart III]
L-3		For Emission Points AA-007, AA-008, AA-017 and AA-018, the permittee shall comply with the emission standards in 40 CFR §60.4201 and 40 CFR §60.4206. [40 CFR 60.4204(b)]
L-4		For Emission Points AA-007, AA-008, AA-017 and AA-018, the permittee shall comply with the fuel requirements in 40 CFR §60.4207(a) by meeting the standard defined in 40 CFR §80.510. [40 CFR 60.4207(a)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Point AA-007, AA-008, AA-017 and AA-018, the permittee shall comply with the monitoring requirements in 40 CFR §60.4209 and the maintenance requirements in 40 CFR §60.4211. [40 CFR 60.4209, 40 CFR 60.4211]

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GRPT0000000007 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-1	For Emission Points AA-007, AA-008, AA-017 and AA-018, the permittee shall record the hours of operations and the monthly and 12-month rolling total emissions in tons per year for NOx, CO, SO2, and VOC. [APC-S-2 II.B(11)]

GENERAL INFORMATION

Rolls Royce North America, Rolls Royce Center of Excellence
 John C Stennis Space Center
 Stennis Space Center, MS
 Hancock County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
23215	Rolls Royce North America	Official Site Name	10/24/2005	
2804500050	Rolls Royce N America, Ctr of Excellence	Air-AIRS AFS	10/24/2005	
MSR104103	Rolls Royce North America, Rolls Royce Center of Excellence	GP-Construction	4/19/2006	6/3/2011
100000050	Rolls Royce North America, Rolls Royce Center of Excellence	Air-Construction	4/25/2006	
MSR001810	Rolls Royce North America, Rolls Royce Center of Excellence	GP-Baseline	11/6/2007	11/10/2010
100000050	Rolls Royce North America, Rolls Royce Center of Excellence	Air-Title V Fee Customer	4/25/2006	
MSR000104414	Rolls Royce Center of Excellence	Hazardous Waste-EPA ID	2/11/2009	
MSR001810	Rolls Royce North America, Rolls Royce Center of Excellence	GP-Baseline	11/10/2010	9/28/2015
100000050	Rolls Royce North America, Rolls Royce Center of Excellence	Air-Title V Operating	11/18/2010	10/30/2015
WQC2012064	Rolls Royce North America, Rolls Royce Center of Excellence	WQC Number	5/10/2012	
MNHMVK201257	Rolls Royce North America, Rolls Royce Center of Excellence	COE Public Notice/ Permit Number	3/16/2012	3/30/2012
MSR106087	Rolls Royce North America, Rolls Royce Center of Excellence	GP-Construction	5/11/2012	12/31/2015
100000050	Rolls Royce North America, Rolls Royce Center of Excellence	Air-Construction	6/27/2012	

Basin: Pearl River Basin

Location Description: Lat Long converted from UTM coordinates included in the application for emission point EP-7

GENERAL INFORMATION

Relevant Documents:

The federal regulations referenced in this permit may be found on-line at <http://ecfr.gpoaccess.gov/> and the State of Mississippi regulations may be found on-line at <http://www.mdeq.ms.state.us/> or a copy of the regulations may be obtained by contacting the Mississippi Department of Environmental Quality, Environmental Permitting Division, Post Office Box 2261, Jackson, Mississippi 39255, phone (601) 961-5171. The following regulations were referenced in this permit:

Mississippi Air Regulations APC-S-2, Permit Regulations for the Construction and/or Operation of Air Emissions Equipment

40 CFR Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Internal Combustion Engines

40 CFR Part 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines