

NOTICE OF PUBLIC COMMENT PERIOD REGARDING REVISION OF PREVENTION
OF SIGNIFICANT DETERIORATION (PSD) OF AIR QUALITY CONSTRUCTION
PERMITS FOR AN AUTOMOTIVE MANUFACTURING CAMPUS IN HUNTSVILLE,
ALABAMA

Mazda Toyota Manufacturing U.S.A. (“MTMUS”) has applied to the Natural Resources Division of the City of Huntsville for revision of nine (9) existing and creation of four (4) new Prevention of Significant Deterioration (PSD) of Air Quality Construction Permits issued to MTMUS and various on-site suppliers, collectively an automotive manufacturing campus (“MTMUS Campus”), located at 9000 Greenbrier Parkway NW in Huntsville, Limestone County, Alabama.

The main operations to be performed on the MTMUS Campus to facilitate the production of automobiles include parts pressing/stamping, parts/body welding, injection molding, painting/coating, component/body assembly, and tire assembly. The potential emissions from MTMUS campus are primarily from painting/coating operations and the combustion of natural gas in various types of equipment, including but not limited to thermal oxidizers used to abate emissions of volatile organic compounds (VOC) and volatile hazardous air pollutants (VHAP), ovens, heated flash-off units, and HVAC equipment. The emergency support equipment at the proposed facility will include diesel-fired emergency generators and fire pump engines, and with this proposed revision, natural gas-fired emergency generators.

This permitting effort is, in part, in response to proposed revisions to select Best Available Control Technology (BACT) nitrogen oxides (NO_x) limitations due to manufacturer(s) being unable to guarantee the equipment at the currently permitted rate. Due to an overall proposed decrease in total heat input from these sources, this increase in the emission limitations will actually result in a slight decrease in potential combustion-related emissions from the Campus. Also, there is a proposed increase in VOC emissions from the Campus due to changes in certain sealer materials to be used in the JV facility. A technical staff preliminary determination indicates that even with the proposed changes in the BACT limitations, BACT remains represented for NO_x and VOC. Reassessments of BACT for all other applicable regulated pollutants was only required for the addition of previously unpermitted natural gas-fired emergency generators proposed for the JV facility. Other proposed revisions include reassignment of four (4) emergency equipment units from the JV facility to other on-site facilities and elimination of one (1) emergency unit from the JV facility, reassignment of cross dock/warehouse operations and an HVAC unit from the JV facility to a new on-site facility, decrease in vehicle fluid storage capacity at the JV facility, and other minor changes across the Campus.

Natural Resources has determined that the revisions above either decrease or do not significantly increase previously estimated potential emissions from the facility for all pollutants other than VOC, and a revised air quality impact analysis is not required at this time for those pollutants. The 8-hour ozone significant impact level (SIL) analysis provided with the original Campus application and modeling package was updated to reflect the proposed increased VOC emissions from the Campus from this revision. This showed no adverse impact on human health or the environment. As dictated in the original permitting effort, once final building and stack specifications are determined, a revised full air quality impact analysis for all applicable regulated air pollutants will

be performed by MTMUS and submitted to Natural Resources for review and approval, which is required prior to start of MTMUS Campus operations.

Natural Resources is proposing to issue the MTMUS Campus nine (9) revised and four (4) new PSD Permits, and Drafts of these permits have been prepared. A public comment period, which begins upon publication of this Public Notice, has been established to give interested individuals an opportunity to provide additional information or comments. If significant comments are received, a hearing may be scheduled.

The following are links to the preliminary determination including the Draft permits and the permit application documents:

[Preliminary Determination – Preliminary Determination & Proposed PSD Permits & Provisos](#)

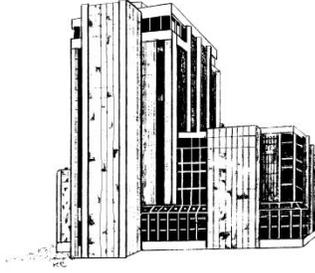
[Permit Application - Air Permit\(s\) Revision Request #2 Application \(submitted December 19, 2020\) & Amendment \(Submitted February 18, 2020\)](#)

The scope of this public comment period is limited to air pollution and its effects. Comments relative to site selection or economic and social impacts are not within the scope of this public comment period.

Any person wishing to provide written comments may do so by writing Scott Cardno, Natural Resources Division, City of Huntsville, P.O. Box 308, Huntsville, Alabama, 35804. All comments must be received by 5:00 P.M. CST, June 5, 2020, or thirty (30) days from publication of this Notice, whichever is later.

After consideration of all written comments, review of any public hearing record, and consideration of the requirements of the Alabama Air Pollution Control Act, the Federal Clean Air Act, and applicable regulations, Natural Resources will make a final determination. Natural Resources will develop a response to comments, which will become part of the public record and will be posted in the same location on the City of Huntsville's website as this Public Notice. Notice will be sent to any person requesting notice of the final action.

The administrative record for this action, along with other information on file, will be available for public review in the Natural Resources offices. An appointment to review this information can be obtained by contacting the Division of Natural Resources.



CITY OF HUNTSVILLE
NATURAL RESOURCES AND ENVIRONMENTAL
MANAGEMENT DIVISION

PSD AIR PERMIT

Issued to: Mazda Toyota Manufacturing U.S.A., Inc. (MTMUS)

Location: 9000 Greenbrier Parkway NW

Huntsville, Alabama 35756

Permit Number(s) Description of Source(s)

7-08-P391-Z701

ON SITE PARTNER (OSP-7): Cross Dock / Warehouse

Miscellaneous Natural Gas Fired Combustion Sources
(Unit OSP-7-NG1)

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, as amended, Code of Alabama 1975, 22-28-1 to 22-28-23 (the "AAPCA") and the Alabama Environmental Management Act, as amended, Code of Alabama 1975, 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and the City of Huntsville Air Pollution Control Rules and Regulations, Ordinance 72-156, as amended ("COHRAR") and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to operate the equipment, device(s) or other article(s) described above.

Pursuant to the Clean Air Act of 1990, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management ("ADEM"), the City of Huntsville Division of Natural Resources and Environmental Management ("the Department"), and citizens in general. Those provisions which are not required under the Clean Air Act of 1990 are considered to be local permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.

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Date of Issuance: **DRAFT**

DIRECTOR

NATURAL RESOURCES AND ENVIRONMENTAL
MANAGEMENT DIVISION
CITY OF HUNTSVILLE, ALABAMA

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9000 Greenbrier Parkway NW
Huntsville, Alabama 35756

I. FEDERALLY ENFORCEABLE GENERAL (FACILITY-WIDE) PERMIT CONDITIONS

I.A. General Air Pollution Control Requirements

1. Duty to Comply

The permittee shall comply with all conditions of the City of Huntsville Rules and Regulations (COHRAR). Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and COHRAR, and may result in an enforcement action; including but not limited to, permit termination, revocation and reissuance or modification; or denial of a permit renewal application by the permittee.

2. Operation of Capture and Control Devices

All air pollution control devices and capture systems for which this Permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emissions of air contaminants shall be established.

3. Circumvention

The permittee shall not cause or permit the installation or use of any device or any means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminant which would otherwise violate this Permit or COHRAR.

I.B. General Monitoring, Inspection, Record-Keeping and Reporting Requirements

1. Monitoring, Records and Reporting

- (A) The Director may require the permittee to establish and maintain records; make reports; install, use and maintain monitoring equipment or methods; sample emissions in accordance with such methods, at such locations and intervals, and using such procedures and provide such emissions reports as are prescribed by the Director to demonstrate compliance with the terms of this Permit and with COHRAR.
- (B) Records and Reports as the Director shall prescribe on air contaminants or fuel shall be recorded, compiled, and submitted on forms provided by the Director or in formats approved by the Director.
- (C) All required sampling and testing shall be made and the results calculated in accordance with sampling and testing procedures and methods approved by the Director. All required

samples and tests shall be made under the direction of persons qualified by training and/or experience in the field of air pollution control. To the extent practicable, test methods and procedures established by Part 60, Part 61, and Part 63 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised, shall be employed.

- (D) Sampling and testing facilities adequate to facilitate sampling and testing as required under section I.B.1(C) above will be provided and maintained by the permittee.

2. Inspection and Entry

- (A) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized representatives of the City of Huntsville Division of Natural Resources & Environmental Management (“the Department”) to enter upon the permittee’s premises on or at which an air contaminant source is located or is being constructed, installed, or established at any reasonable time to ascertain the state of compliance with this Permit and the COHRAR.
- (B) No person shall obstruct, hamper, or interfere with any such inspection initiated under I.B.2(A) above.
- (C) If requested, the owner or operator shall receive a report from the Director which sets forth the findings of the inspection initiated under I.B.2(A) above with respect to compliance status.

3. Display of Permit

The permittee shall keep this Permit under file or on display at all times at the permitted facility and shall make this Permit available for inspection by any and all persons who may request to see it.

4. Equipment Maintenance or Breakdown

- (A) In case of shutdown of air pollution control equipment for scheduled maintenance for a period greater than one (1) hour, the intent to shut down shall be reported to the Department at least twenty-four (24) hours prior to the planned shut-down. The Department shall be notified when maintenance on the air pollution control equipment is complete and the equipment is operating.
- (B) In the event there is a breakdown of equipment in such a manner as to cause increased emission of air contaminants for a period greater than one (1) hour, the person responsible for such equipment shall notify the Department within an additional twenty-four (24) hours and provide a statement giving all pertinent facts, including the duration of the breakdown. The Department shall be notified when the breakdown has been corrected.

I.C. Permit Modification, Renewal, and Termination

1. Transfer

This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another.

2. New Air Pollution Sources

- (A) A new permit application must be made for new sources, replacements, alterations or design changes which may result in the issuance of, or an increase in the issuance of, air contaminants, or the use of which may eliminate or reduce or control the issuance of air contaminants.
- (B) Every application for a permit shall be filed in the manner and form prescribed by the Director and shall give all the information necessary to enable the Director to make the determination required by COHRAR Part 3.3.

3. Revocation for Cause

This Permit may be revoked for any of the following causes:

- (A) Failure to comply with any condition of this Permit or COHRAR.
- (B) Failure to notify the Director prior to operation of any article, machine, equipment, or other contrivance subject to the requirements of COHRAR § 3.1.2(a).
- (C) Failure to establish and maintain such records, make such reports, or install, use, or maintain such monitoring equipment or methods; and sample such emissions in accordance with such methods at such locations, intervals and procedures as the Director may prescribe in accordance with COHRAR § 1.9.2.
- (D) Failure to allow the Director or his authorized representative upon proper identification to:
 - (1) enter any premises, at reasonable times, where any article, machine, equipment, or other contrivance described in COHRAR § 3.1.2 is located or in which any records required to be kept by this Permit or by COHRAR are located;
 - (2) have access to and copy any records required to be kept by this Permit or by COHRAR;
 - (3) inspect any monitoring equipment or practices being maintained pursuant to this Permit or COHRAR; OR

- (4) have access to and sample any discharge of air contaminants resulting directly or indirectly from the operation of any article, machine, equipment or other contrivance described in COHRAR § 3.1.2.
- (E) Failure to comply with the provisions of an administrative order issued by the Director concerning the permitted facility.
- (F) For any other cause, after a hearing which establishes, in the judgment of the Director, that continuance of this Permit is not consistent with the purpose of the Act or regulations under it, or is not consistent with the purposes of the Federal Clean Air Act or regulations under it.

4. Major Source Operating Permit Application

As the facility subject to this Permit is also subject to the requirements of 40 CFR Part 70, application for issuance of the facility's initial Major Source Operating Permit (MSOP) must be made within twelve (12) months of startup of the process equipment identified in this Permit.

I.D. Emergency Provisions

1. Emergency Procedure

The permittee shall comply with the provisions of an emergency order to immediately reduce or discontinue the emission of air contaminants, if the Director finds that such action is necessary to protect human health or safety, in accordance with COHRAR § 2.9.

2. Emission Reduction Standby Plan

Within thirty (30) days of receipt of a written request from the Director, the permittee shall prepare and submit a standby plan for reducing the emissions of air contaminants during periods of an Episode Alert, Warning, and Emergency. The standby plan is subject to approval by the Director.

I.E. Authority of Department

Nothing in the permit or conditions thereto shall negate any authority granted to the Division of Natural Resources or the Alabama Department of Environmental Management pursuant to the Alabama Environmental Management Act or regulations issued thereunder. [§ 22-28-23, Code of AL 1975, as amended]

II. NON-FEDERALLY ENFORCEABLE GENERAL (FACILITY-WIDE) PERMIT CONDITIONS

II.A. Objectionable Odors

This permit is issued with the condition that the operation of this facility by the owner or operator will not result in the emission of objectionable odors as defined in COHRAR Part 6.7.

III. FACILITY-SPECIFIC FEDERALLY ENFORCEABLE PERMIT CONDITIONS

III.A. Applicability

1. This source is subject to PSD-BACT emission limitations.
2. This unit is subject to the opacity emission rate limits.
3. This source is currently subject to the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions from Industrial, Commercial, and Institutional Boilers and Process Heaters (DDDDD) as a “New Source”. MTMUS and the Department will review and determine applicability of this subpart based on final engineering equipment designs.
4. This unit is subject to the particulate emission rate limits for Process Industries - General sources.

III.B. Emission Standards

1. This source is subject to the BACT limits below:

OPERATION	PARTICULATE BACT (PM/PM10/PM2.5) Lb./MMBtu of heat input
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Natural Gas Fired Unit(s) (Unit OSP-7-NG1)	0.0005
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2. This source is subject to the BACT limits below:

OPERATION	NO_x BACT Lb./MMBtu of heat input
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Natural Gas Fired Unit(s) w/ Low NO _x burners (Unit OSP-7-NG1)	0.06
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3. Only natural gas may be used as fuel in the combustion equipment with the exception of the diesel fueled emergency generator(s), diesel fueled emergency fire pump(s), and gasoline engines.

4. The stack(s) associated with this (these) source(s) shall not exhibit greater than 10% opacity measured in accordance with 40 CFR Part 60, Appendix A, Method 9 per COHRAR § 6.1.2. If opacity of 5% or greater is observed from a stack, the operator shall investigate the cause and make any necessary corrective actions.
5. MTMUS shall utilize good work practices that are practically and economically feasible that reasonably minimize emissions of NO_x and other pollutants in all operations. Periodic maintenance of each listed burner in the section: Natural Gas Fired Unit(s) (Unit OSP-7-NG1) will occur at a minimum as suggested by the manufacturer of the unit.
6. This unit shall not discharge into the atmosphere particulate matter in excess of: $E = 1.38H^{0.44}$, where H is the heat input in millions of BTU/hr.

III.C. Compliance and Performance Test Methods and Procedures

1. Method 5 or 5a as defined in 40 CFR 60, Appendix A, or equivalent method as approved by the Department, shall be used in the determination of particulate emissions from the stack.
2. Method 201a and 202 as defined in 40 CFR 60, Appendix A, or equivalent method as approved by the Department, shall be used in the determination of particulate emissions less than 10 microns from the stack.
3. Method 201a and 202 as defined in 40 CFR 60, Appendix A, or equivalent method as approved by the Department, shall be used in the determination of particulate emissions less than 2.5 microns from the stack.
4. Method 7 or 7E as defined in 40 CFR 60, Appendix A, or equivalent method as approved by the Department, shall be used in the determination of Nitrogen oxides emissions from the stack.
5. Method 10 as defined in 40 CFR 60, Appendix A, or equivalent method as approved by the Department, shall be used in the determination of Carbon Monoxide emissions from the stack.
6. Method 9 as defined in 40 CFR 60, Appendix A, or equivalent method as approved by the Department, shall be used in the determination of the opacity of the stack emissions.
7. Method 18 or 25, as determined by the Department, as defined in 40 CFR 60, Appendix A, or equivalent method as approved by the Department, shall be used in the determination of Volatile Organic Compound emissions from the stack. The test method will be determined by the Department before testing.

III.D. Emission Monitoring

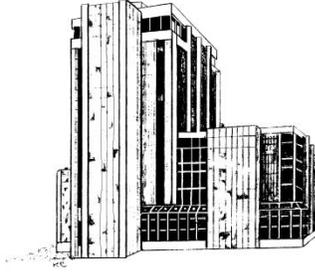
1. The monitoring requirements in this permit shall be as required in Section III.E.-- Recordkeeping and Reporting Requirements in addition to those listed below.
2. When operating, each listed burner in the section: Natural Gas Fired Unit(s) (Unit OSP-7-NG1) shall be visually observed a minimum of once monthly for greater than normal visible emissions as determined by previous observations.
3. Whenever observed visible emissions are greater than normal, corrective action to minimize emissions shall be taken within 24 hours, followed by an additional observation to confirm that emissions are reduced to normal. Records shall be recorded in a permanent form suitable for inspection upon request and retained for at least five years following the date of such measurement.

III.E. Recordkeeping and Reporting Requirements

1. Accurate and understandable records of consumption of natural gas, which record at least the last five years of data, will be maintained in a permanent form suitable for inspection and be available immediately upon request. This facility shall provide a copy of records and supporting background documents upon request that pertain to this permit. These records shall contain the following information:
 - (A) Usage of natural gas by this unit: Natural Gas Fired Unit(s) (Unit OSP-7-NG1) in the previous month.
 - (B) Calculations of criteria pollutants based on natural gas used in the previous month using established emission factors.
 - (C) The amount of VOCs and other criteria pollutants emitted per calendar month in units of tons.
 - (D) The rolling 12-month total of VOCs and other criteria pollutants in units of tons.
 - (E) A report summarizing the above information shall be submitted each calendar quarter by the 30th day of the month following the end of the quarter, in a format approved by the Department in advance.
 - (F) By the 30th day of the month following the end of each month, compliance with all provisos in this permit will be determined. These records will be maintained for 5 years. Should this facility, at any time, exceed the limits in this permit, the Department must be notified in writing within ten (10) days of the identification of the exceedance.

2. A log book of the monthly visible observations required in proviso III.D.2 shall be retained for at least five years and available for inspection upon request. This log book should also include the nature and date of any maintenance actions taken to correct excess opacity episodes.

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CITY OF HUNTSVILLE
NATURAL RESOURCES AND ENVIRONMENTAL
MANAGEMENT DIVISION

PSD AIR PERMIT

Issued to: Mazda Toyota Manufacturing U.S.A., Inc. (MTMUS)

Location: 9000 Greenbrier Parkway NW

Huntsville, Alabama 35756

Permit Number(s) Description of Source(s)

7-08-P391-Z702

ON SITE PARTNER (OSP-7): Cross Dock / Warehouse

One (1) Diesel-Fired Emergency Generator (Unit OSP-7-EG1)
& One (1) Fire Pump Engine (Unit OSP-7-FP1)

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, as amended, Code of Alabama 1975, 22-28-1 to 22-28-23 (the "AAPCA") and the Alabama Environmental Management Act, as amended, Code of Alabama 1975, 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and the City of Huntsville Air Pollution Control Rules and Regulations, Ordinance 72-156, as amended ("COHRAR") and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to operate the equipment, device(s) or other article(s) described above.

Pursuant to the Clean Air Act of 1990, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management ("ADEM"), the City of Huntsville Division of Natural Resources and Environmental Management ("the Department"), and citizens in general. Those provisions which are not required under the Clean Air Act of 1990 are considered to be local permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.

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NATURAL RESOURCES AND ENVIRONMENTAL
MANAGEMENT DIVISION
CITY OF HUNTSVILLE, ALABAMA

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9000 Greenbrier Parkway NW
Huntsville, Alabama 35756

I. FEDERALLY ENFORCEABLE GENERAL (FACILITY-WIDE) PERMIT CONDITIONS

I.A. General Air Pollution Control Requirements

1. Duty to Comply

The permittee shall comply with all conditions of the City of Huntsville Rules and Regulations (COHRAR). Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and COHRAR, and may result in an enforcement action; including but not limited to, permit termination, revocation and reissuance or modification; or denial of a permit renewal application by the permittee.

2. Operation of Capture and Control Devices

All air pollution control devices and capture systems for which this Permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emissions of air contaminants shall be established.

3. Circumvention

The permittee shall not cause or permit the installation or use of any device or any means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminant which would otherwise violate this Permit or COHRAR.

I.B. General Monitoring, Inspection, Record-Keeping and Reporting Requirements

1. Monitoring, Records and Reporting

- (A) The Director may require the permittee to establish and maintain records; make reports; install, use and maintain monitoring equipment or methods; sample emissions in accordance with such methods, at such locations and intervals, and using such procedures and provide such emissions reports as are prescribed by the Director to demonstrate compliance with the terms of this Permit and with COHRAR.
- (B) Records and Reports as the Director shall prescribe on air contaminants or fuel shall be recorded, compiled, and submitted on forms provided by the Director or in formats approved by the Director.
- (C) All required sampling and testing shall be made and the results calculated in accordance with sampling and testing procedures and methods approved by the Director. All required

samples and tests shall be made under the direction of persons qualified by training and/or experience in the field of air pollution control. To the extent practicable, test methods and procedures established by Part 60, Part 61, and Part 63 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised, shall be employed.

- (D) Sampling and testing facilities adequate to facilitate sampling and testing as required under section I.B.1(C) above will be provided and maintained by the permittee.

2. Inspection and Entry

- (A) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized representatives of the City of Huntsville Division of Natural Resources & Environmental Management (“the Department”) to enter upon the permittee’s premises on or at which an air contaminant source is located or is being constructed, installed, or established at any reasonable time to ascertain the state of compliance with this Permit and the COHRAR.
- (B) No person shall obstruct, hamper, or interfere with any such inspection initiated under I.B.2(A) above.
- (C) If requested, the owner or operator shall receive a report from the Director which sets forth the findings of the inspection initiated under I.B.2(A) above with respect to compliance status.

3. Display of Permit

The permittee shall keep this Permit under file or on display at all times at the permitted facility and shall make this Permit available for inspection by any and all persons who may request to see it.

4. Equipment Maintenance or Breakdown

- (A) In case of shutdown of air pollution control equipment for scheduled maintenance for a period greater than one (1) hour, the intent to shut down shall be reported to the Department at least twenty-four (24) hours prior to the planned shut-down. The Department shall be notified when maintenance on the air pollution control equipment is complete and the equipment is operating.
- (B) In the event there is a breakdown of equipment in such a manner as to cause increased emission of air contaminants for a period greater than one (1) hour, the person responsible for such equipment shall notify the Department within an additional twenty-four (24) hours and provide a statement giving all pertinent facts, including the duration of the breakdown. The Department shall be notified when the breakdown has been corrected.

I.C. Permit Modification, Renewal, and Termination

1. Transfer

This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another.

2. New Air Pollution Sources

- (A) A new permit application must be made for new sources, replacements, alterations or design changes which may result in the issuance of, or an increase in the issuance of, air contaminants, or the use of which may eliminate or reduce or control the issuance of air contaminants.
- (B) Every application for a permit shall be filed in the manner and form prescribed by the Director and shall give all the information necessary to enable the Director to make the determination required by COHRAR Part 3.3.

3. Revocation for Cause

This Permit may be revoked for any of the following causes:

- (A) Failure to comply with any condition of this Permit or COHRAR.
- (B) Failure to notify the Director prior to operation of any article, machine, equipment, or other contrivance subject to the requirements of COHRAR § 3.1.2(a).
- (C) Failure to establish and maintain such records, make such reports, or install, use, or maintain such monitoring equipment or methods; and sample such emissions in accordance with such methods at such locations, intervals and procedures as the Director may prescribe in accordance with COHRAR § 1.9.2.
- (D) Failure to allow the Director or his authorized representative upon proper identification to:
 - (1) enter any premises, at reasonable times, where any article, machine, equipment, or other contrivance described in COHRAR § 3.1.2 is located or in which any records required to be kept by this Permit or by COHRAR are located;
 - (2) have access to and copy any records required to be kept by this Permit or by COHRAR;
 - (3) inspect any monitoring equipment or practices being maintained pursuant to this Permit or COHRAR; OR

- (4) have access to and sample any discharge of air contaminants resulting directly or indirectly from the operation of any article, machine, equipment or other contrivance described in COHRAR § 3.1.2.
- (E) Failure to comply with the provisions of an administrative order issued by the Director concerning the permitted facility.
- (F) For any other cause, after a hearing which establishes, in the judgment of the Director, that continuance of this Permit is not consistent with the purpose of the Act or regulations under it, or is not consistent with the purposes of the Federal Clean Air Act or regulations under it.

4. Major Source Operating Permit Application

As the facility subject to this Permit is also subject to the requirements of 40 CFR Part 70, application for issuance of the facility's initial Major Source Operating Permit (MSOP) must be made within twelve (12) months of startup of the process equipment identified in this Permit.

I.D. Emergency Provisions

1. Emergency Procedure

The permittee shall comply with the provisions of an emergency order to immediately reduce or discontinue the emission of air contaminants, if the Director finds that such action is necessary to protect human health or safety, in accordance with COHRAR § 2.9.

2. Emission Reduction Standby Plan

Within thirty (30) days of receipt of a written request from the Director, the permittee shall prepare and submit a standby plan for reducing the emissions of air contaminants during periods of an Episode Alert, Warning, and Emergency. The standby plan is subject to approval by the Director.

I.E. Authority of Department

Nothing in the permit or conditions thereto shall negate any authority granted to the Division of Natural Resources or the Alabama Department of Environmental Management pursuant to the Alabama Environmental Management Act or regulations issued thereunder. [§ 22-28-23, Code of AL 1975, as amended]

II. NON-FEDERALLY ENFORCEABLE GENERAL (FACILITY-WIDE) PERMIT CONDITIONS

II.A. Objectionable Odors

This permit is issued with the condition that the operation of this facility by the owner or operator will not result in the emission of objectionable odors as defined in COHRAR Part 6.7.

III. FACILITY-SPECIFIC FEDERALLY ENFORCEABLE PERMIT CONDITIONS

III.A. Applicability

1. This source is subject to PSD-BACT emission limitations.
2. This unit is subject to the opacity emission rate limits.
3. These units are subject to the 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”.
4. These units shall comply with the applicable requirements of the New Source Performance Standards (NSPS), Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (III) as defined in 40 CFR Part 60, Subpart (III) §60.4200-4219.

III.B. Emission Standards

1. The Emergency stationary CI RICE unit(s) shall:
 - a. Change oil and filter every 500 hours of operation or annually, whichever comes first;
 - b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first;
 - c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
 - d. Minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.
2. Only Low Sulfur Diesel Fuel (15 ppm) with a sulfur content of 15 ppm or less may be used as fuel in the diesel fueled emergency generator(s) and/or the diesel fueled emergency fire pump(s).
3. Each emergency generator and fire pump engine must be equipped with a non-resettable hour meter.

4. Only one single diesel fueled emergency generator or diesel fueled emergency fire pump(s) may be operated on any calendar day for maintenance or testing purposes. This proviso does not apply to emergency use purposes.
5. The stack(s) associated with this (these) source(s) shall not exhibit greater than 10% opacity measured in accordance with 40 CFR Part 60, Appendix A, Method 9 per COHRAR § 6.1.2. If opacity of 5% or greater is observed from a stack, the operator shall investigate the cause and make any necessary corrective actions.
6. MTMUS shall utilize good work practices that are practically and economically feasible that reasonably minimize diesel usage in all operations. Diesel fuel will be handled in such a way as to minimize VOC emissions from storage, handling, and cleanup. Fresh or spent diesel fuel will be stored in closed containers.
7. These units shall comply with the applicable requirements of the New Source Performance Standards (NSPS), Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (III) as defined in 40 CFR Part 60, Subpart (III) §60.4200-4219.

III.C. Compliance and Performance Test Methods and Procedures

1. Method 9 as defined in 40 CFR 60, Appendix A, or equivalent method as approved by the Department, shall be used in the determination of the opacity of the stack emissions.

III.D. Emission Monitoring

1. The monitoring requirements in this permit shall be as required in Section III.E--Recordkeeping and Reporting Requirements.

III.E. Recordkeeping and Reporting Requirements

1. Records of engine usage must be kept in a permanent form suitable for inspection. These records should record if the usage was for emergency, maintenance checks, readiness checks, or other usage. The records shall be retained for at least five years from the date of generation and available upon request.
2. These units shall comply with the applicable requirements of the New Source Performance Standards (NSPS), Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (III) as defined in 40 CFR Part 60, Subpart (III) §60.4200-4219.
3. Billing statements from supplier(s) may be used to record the sulfur content of diesel fuel supplied. Such records shall be maintained and prepared in a form suitable for inspection within thirty (30) days of the end of the calendar month during which the fuel was received.

4. The following federal requirements apply to these unit(s):

(A) *Requirements for emergency stationary ICE.* If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (2)(i) through (iii) of this section. In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (2)(i) through (iii) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (2)(i) through (iii) of this section, the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

(1) There is no time limit on the use of emergency stationary ICE in emergency situations.

(2) You may operate your emergency stationary ICE for any combination of the purposes specified in paragraphs (2)(i) through (iii) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (2).

(i) Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

(ii) Emergency stationary ICE may be operated for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see §60.17), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.

(iii) Emergency stationary ICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.

(3) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (2)(ii) of this section. Except as provided in paragraph (3)(i) of this section, the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income

for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(i) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:

(A) The engine is dispatched by the local balancing authority or local transmission and distribution system operator;

(B) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

(C) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

(D) The power is provided only to the facility itself or to support the local transmission and distribution system.

(E) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

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