

# MAJOR SOURCE OPERATING PERMIT

**PERMITTEE:** CONTINENTAL AEROSPACE  
TECHNOLOGIES, INC.

**FACILITY NAME:**

**FACILITY NO.:** 503-0002

**LOCATION:** MOBILE, ALABAMA

*In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, Ala. Code §§ 22-28-1 to 22-28-23, as amended, the Alabama Environmental Management Act, Ala. Code §§ 22-22A-1 to 22-22A-17, as amended, and rules and regulations adopted there under, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article 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, and citizens in general. Those provisions which are not required under the **Clean Air Act of 1990** are considered to be state permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.*

**Issuance** JULY 28, 2025  
**Date:**

**Effective** JULY 28, 2025  
**Date:**

**Expiration** JULY 27, 2030  
**Date:**

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## General Permit Provisos

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<p><b>1. <u>Transfer</u></b> 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, except as provided in Rule 335-3-16-.13(1)(a)5.</p>	<p>Rule 335-3-16-.02(6)</p>
<p><b>2. <u>Renewals</u></b> An application for permit renewal shall be submitted at least six (6) months, but not more than eighteen (18) months, before the date of expiration of this permit. The source for which this permit is issued shall lose its right to operate upon the expiration of this permit unless a timely and complete renewal application has been submitted within the time constraints listed in the previous paragraph.</p>	<p>Rule 335-3-16-.12(2)</p>
<p><b>3. <u>Severability Clause</u></b> The provisions of this permit are declared to be severable and if any section, paragraph, subparagraph, subdivision, clause, or phrase of this permit shall be adjudged to be invalid or unconstitutional by any court of competent jurisdiction, the judgment shall not affect, impair, or invalidate the remainder of this permit, but shall be confined in its operation to the section, paragraph, subparagraph, subdivision, clause, or phrase of this permit that shall be directly involved in the controversy in which such judgment shall have been rendered.</p>	<p>Rule 335-3-16-.05(e)</p>
<p><b>4. <u>Compliance</u></b></p> <p>(a) The permittee shall comply with all conditions of ADEM Admin. Code 335-3. Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and ADEM Admin. Code 335-3 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.</p> <p>(b) The permittee shall not use as a defense in an enforcement action that maintaining compliance with conditions of this permit would have required halting or reducing the permitted activity.</p>	<p>Rule 335-3-16-.05(f)</p> <p>Rule 335-3-16-.05(g)</p>
<p><b>5. <u>Termination for Cause</u></b> This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a</p>	<p>Rule 335-3-16-.05(h)</p>

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<p>request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance will not stay any permit condition.</p>	
<p>6. <b><u>Property Rights</u></b> The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.</p>	<p>Rule 335-3-16-.05(i)</p>
<p>7. <b><u>Submission of Information</u></b> The permittee must submit to the Department, within 30 days or for such other reasonable time as the Department may set, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon receiving a specific request, the permittee shall also furnish to the Department copies of records required to be kept by this permit.</p>	<p>Rule 335-3-16-.05(j)</p>
<p>8. <b><u>Economic Incentives, Marketable Permits, and Emissions Trading</u></b> No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.</p>	<p>Rule 335-3-16-.05(k)</p>
<p>9. <b><u>Certification of Truth, Accuracy, and Completeness:</u></b> Any application form, report, test data, monitoring data, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.</p>	<p>Rule 335-3-16-.07(a)</p>
<p>10. <b><u>Inspection and Entry</u></b> Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized representatives of the Alabama Department of Environmental Management and EPA to conduct the following:</p> <ul style="list-style-type: none"> <li>(a) Enter upon the permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept pursuant to the conditions of this permit;</li> <li>(b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit;</li> </ul>	<p>Rule 335-3-16-.07(b)</p>

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<ul style="list-style-type: none"> <li>(c) Inspect, at reasonable times, this facility's equipment (including monitoring equipment and air pollution control equipment), practices, or operations regulated or required pursuant to this permit;</li> <li>(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements.</li> </ul>	
<p><b>11. <u>Compliance Provisions</u></b></p> <ul style="list-style-type: none"> <li>(a) The permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance.</li> <li>(b) The permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit.</li> </ul>	<p>Rule 335-3-16-.07(c)</p>
<p><b>12. <u>Compliance Certification</u></b></p> <p>A compliance certification shall be submitted annually within 60 days of the anniversary date of issuance of this permit.</p> <ul style="list-style-type: none"> <li>(a) The compliance certification shall include the following: <ul style="list-style-type: none"> <li>(1) The identification of each term or condition of this permit that is the basis of the certification;</li> <li>(2) The compliance status;</li> <li>(3) The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with Rule 335-3-16-.05(c) (Monitoring and Recordkeeping Requirements);</li> <li>(4) Whether compliance has been continuous or intermittent;</li> <li>(5) Such other facts as the Department may require to determine the compliance status of the source;</li> </ul> </li> <li>(b) The compliance certification shall be submitted to:</li> </ul> <p style="text-align: center;">Alabama Department of Environmental Management Air Division P.O. Box 301463 Montgomery, AL 36130-1463 and to:</p> <p style="text-align: center;">Air Enforcement and TOXICS Branch EPA Region 4 61 Forsyth Street, SW</p>	<p>Rule 335-3-16-.07(e)</p>

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Atlanta, GA 30303	
<p><b>13. <u>Reopening for Cause</u></b>            Under any of the following circumstances, this permit will be reopened prior to the expiration of the permit:</p> <ul style="list-style-type: none"> <li>(a) Additional applicable requirements under the Clean Air Act of 1990 become applicable to the permittee with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire.</li> <li>(b) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit.</li> <li>(c) The Department or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.</li> <li>(d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements.</li> </ul>	<p>Rule 335-3-16-.13(5)</p>
<p><b>14. <u>Additional Rules and Regulations</u></b>            This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.</p>	<p>§22-28-16(d), Code of Alabama 1975, as amended</p>
<p><b>15. <u>Equipment Maintenance or Breakdown</u></b>            (a) In the case of shutdown of air pollution control equipment (which operates pursuant to any permit issued by the Director) for necessary scheduled maintenance, the intent to shut down such equipment shall be reported to the Director at least twenty-four (24) hours prior to the planned shutdown, unless such shutdown is accompanied by the shutdown of the source which such equipment is intended to control. Such prior notice shall include, but is not limited to the following:</p> <ul style="list-style-type: none"> <li>(1) Identification of the specific facility to be</li> </ul>	<p>Rule 335-3-1-.07(1), (2)</p>

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<p>taken out of service as well as its location and permit number;</p> <p>(2) The expected length of time that the air pollution control equipment will be out of service;</p> <p>(3) The nature and quantity of emissions of air contaminants likely to occur during the shutdown period;</p> <p>(4) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period;</p> <p>(5) The reasons that it would be impossible or impractical to shut down the source operation during the maintenance period.</p> <p>(b) In the event that there is a breakdown of equipment or upset of process in such a manner as to cause, or is expected to cause, increased emissions of air contaminants which are above an applicable standard, the person responsible for such equipment shall notify the Director within 24 hours or the next working day and provide a statement giving all pertinent facts, including the estimated duration of the breakdown. The Director shall be notified when the breakdown has been corrected.</p>	
<p><b>16. <u>Operation of Capture and Control Devices</u></b></p> <p>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 emission of air contaminants shall be established.</p>	<p>§22-28-16(d), Code of Alabama 1975, as amended</p>
<p><b>17. <u>Obnoxious Odors</u></b></p> <p>This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.</p>	<p>Rule 335-3-1-.08</p>
<p><b>18. <u>Fugitive Dust</u></b></p> <p>(a) Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.</p>	<p>Rule 335-3-4-.02</p>

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<p>(b) Plant or haul roads and grounds will be maintained in the following manner so that dust will not become airborne. A minimum of one, or a combination, of the following methods shall be utilized to minimize airborne dust from plant or haul roads and grounds:</p> <ol style="list-style-type: none"> <li>(1) By the application of water any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the act of wind or vehicular traffic;</li> <li>(2) By reducing the speed of vehicular traffic to a point below that at which dust emissions are created;</li> <li>(3) By paving;</li> <li>(4) By the application of binders to the road surface at any time the road surface is found to allow the creation of dust emissions;</li> </ol> <p>Should one, or a combination, of the above methods fail to adequately reduce airborne dust from plant or haul roads and grounds, alternative methods shall be employed, either exclusively or in combination with one or all of the above control techniques, so that dust will not become airborne. Alternative methods shall be approved by the Department prior to utilization.</p>	
<p><b>19. <u>Additions and Revisions</u></b> Any modifications to this source shall comply with the modification procedures in Rules 335-3-16-.13 or 335-3-16-.14.</p>	<p>Rule 335-3-16-.13 and .14</p>
<p><b>20. <u>Recordkeeping Requirements</u></b></p> <p>(a) Records of required monitoring information of the source shall include the following:</p> <ol style="list-style-type: none"> <li>(1) The date, place, and time of all sampling or measurements;</li> <li>(2) The date analyses were performed;</li> <li>(3) The company or entity that performed the analyses;</li> <li>(4) The analytical techniques or methods used;</li> <li>(5) The results of all analyses; and</li> <li>(6) The operating conditions that existed at the time of sampling or measurement.</li> </ol> <p>(b) Retention of records of all required monitoring data and support information of the source for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all</p>	<p>Rule 335-3-16-.05(c)2.</p>



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<p>calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by the permit</p>	
<p><b>21. <u>Reporting Requirements</u></b></p> <p>(a) Reports to the Department of any required monitoring shall be submitted at least every 6 months. All instances of deviations from permit requirements must be clearly identified in said reports. All required reports must be certified by a responsible official consistent with Rule 335-3-16-.04(9).</p> <p>(b) Deviations from permit requirements shall be reported within 48 hours or 2 working day of such deviations, including those attributable to upset conditions as defined in the permit. The report will include the probable cause of said deviations, and any corrective actions or preventive measures that were taken.</p>	<p>Rule 335-3-16-.05(c)3.</p>
<p><b>22. <u>Emission Testing Requirements</u></b></p> <p>Each point of emission which requires testing will be provided with sampling ports, ladders, platforms, and other safety equipment to facilitate testing performed in accordance with procedures established by Part 60 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised.</p> <p>The Air Division must be notified in writing at least 10 days in advance of all emission tests to be conducted and submitted as proof of compliance with the Department's air pollution control rules and regulations.</p> <p>To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter:</p> <p>(1) The date the test crew is expected to arrive, the date and time anticipated of the start of the first run, how many and which sources are to be tested, and the names of the persons and/or testing company that will conduct the tests.</p> <p>(2) A complete description of each sampling train to be used, including type of media used in determining gas stream components, type of probe lining, type of filter media, and probe cleaning method and solvent to be used (if test procedures require probe cleaning).</p> <p>(3) A description of the process(es) to be tested including the feed rate, any operating parameters</p>	<p>Rule 335-3-1-.05(3) and Rule 335-3-1-.04(1)</p> <p>Rule 335-3-1-.04</p>

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<p>used to control or influence the operations, and the rated capacity.</p> <p>(4) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.</p> <p>A pretest meeting may be held at the request of the source owner or the Air Division. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.</p> <p>All test reports must be submitted to the Air Division within 30 days of the actual completion of the test unless an extension of time is specifically approved by the Air Division.</p>	<p>Rule 335-3-1-.04</p>
<p><b>23. <u>Payment of Emission Fees</u></b></p> <p>Annual emission fees shall be remitted each year according to the fee schedule in ADEM Admin. Code R. 335-1-7-.04.</p>	<p>Rule 335-1-7-.04</p>
<p><b>24. <u>Other Reporting and Testing Requirements</u></b></p> <p>Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require emission testing at any time.</p>	<p>Rule 335-3-1-.04(1)</p>
<p><b>25. <u>Title VI Requirements (Refrigerants)</u></b></p> <p>Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances as listed in 40 CFR Part 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR Part 82, Subpart F.</p> <p>No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any device except as provided in 40 CFR Part 82, Subpart F.</p> <p>The responsible official shall comply with all reporting and recordkeeping requirements of 40 CFR 82.166. Reports shall be submitted to the US EPA and the Department as required.</p>	<p>335-3-16-.05(a)</p>
<p><b>26. <u>Chemical Accidental Prevention Provisions</u></b></p> <p>If a chemical listed in Table 1 of 40 CFR Part 68.130 is present in a process in quantities greater than the</p>	<p>40 CFR Part 68</p>

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<p>threshold quantity listed in Table 1, then:</p> <ul style="list-style-type: none"> <li>(a) The owner or operator shall comply with the provisions in 40 CFR Part 68.</li> <li>(b) The owner or operator shall submit one of the following: <ul style="list-style-type: none"> <li>(1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR Part 68 § 68.10(a) or,</li> <li>(2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan.</li> </ul> </li> </ul>	
<p><b>27. <u>Display of Permit</u></b> This permit shall be kept under file or on display at all times at the site where the facility for which the permit is issued is located and will be made readily available for inspection by any or all persons who may request to see it.</p>	<p>Rule 335-3-14-.01(1)(d)</p>
<p><b>28. <u>Circumvention</u></b> No person shall 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 the Division 3 rules and regulations.</p>	<p>Rule 335-3-1-.10</p>
<p><b>29. <u>Visible Emissions</u></b> Unless otherwise specified in the Unit Specific provisos of this permit, any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%. Opacity will be determined by 40 CFR Part 60, Appendix A, Method 9, unless otherwise specified in the Unit Specific provisos of this permit.</p>	<p>Rule 335-3-4-.01(1)</p>
<p><b>30. <u>Fuel-Burning Equipment</u></b></p> <ul style="list-style-type: none"> <li>(a) Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge particulate emissions in excess of the emissions specified in Part 335-3-4-.03.</li> <li>(b) Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge sulfur dioxide emissions in excess of the emissions specified in Part 335-3-5-.01.</li> </ul>	<p>Rule 335-3-4-.03</p> <p>Rule 335-3-5-.01 .</p>
<p><b>31. <u>Process Industries – General</u></b></p>	

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Unless otherwise specified in the Unit Specific provisos of this permit, no process may discharge particulate emissions in excess of the emissions specified in Part 335-3-4-.04.	Rule 335-3-4-.04
<b>32. <u>Averaging Time for Emission Limits</u></b> Unless otherwise specified in the permit, the averaging time for the emission limits listed in this permit shall be the nominal time required by the specific test method.	Rule 335-3-1-.05

## Operating Permit Summary No. 3

**Emission Unit(s):** Shotblasting Operation(s) with Baghouse(s)  
**Designation No(s). in Application:** 003  
**Description:** Shot Peen Machine 510: Threads (Blue Marlin)  
 with Clemco 1648 w/ Donaldson DFO 2-2  
 Baghouse  
 Shot Peen Machine 511: Cylinders (Blue Marlin)  
 with Clemco 1648 w/ Donaldson DFO 2-2  
 Baghouse  
 Barrell Repair (Blue Marlin) with Crozier Speed  
 Lathe w/ Donaldson DFO 2-2 Baghouse for  
 L475  
 Wheelabrator WS 210S with Donaldson VS-1500  
 Dust Collector (Building 96)

**Type and quantity of fuel used:**

Primary: None  
 Secondary: None

**Pollutants Emitted:**

Pollutant	Regulatory Emission Limit	Applicable Standard
Particulate	$E = 3.59P^{0.62}$	SIP
Opacity	Only one 6-minute average opacity greater than 20% in a 60-minute period; No 6-minute average opacity greater than 40%	SIP

## Unit Specific Provisos

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<i>Section 1--Applicability</i>	
1. This unit is subject to the particulate emission rate limits for Process Industries – General Sources.	ADEM Admin. Code R. 335-3-4-.04
2. This unit is subject to the opacity emission rate limits.	ADEM Admin. Code R. 335-3-4-.01
<i>Section 2--Emission Standards</i>	
1. This unit shall not discharge into the atmosphere particulate matter in any one hour in excess of: $E = 3.59 (P^{0.62})$ , where P is the process weight in tons/hr	ADEM Admin. Code R. 335-3-4-.04
2. This unit shall not discharge into the atmosphere more than one six (6) minute average opacity greater than 20 percent (20%) in any 60-minute period. At no time shall this source discharge a six (6) minute average opacity greater than 40 percent (40%).	ADEM Admin. Code R. 335-3-4-.01
<i>Section 3--Compliance and Performance Test Methods and Procedures</i>	
1. Method 5 as defined in 40 CFR 60, Appendix A or other method approved by the Department shall be used in the determination of particulate emissions from the stack.	ADEM Admin. Code R. 335-3-1-.05
2. Method 9 as defined in 40 CFR 60, Appendix A or other method approved by the Department shall be used in the determination of the opacity of the stack emissions.	ADEM Admin. Code R. 335-3-1-.05
<i>Section 4--Emission Monitoring</i>	
1. The monitoring requirements in this permit shall be as required in Section 5--Recordkeeping and Reporting Requirements in addition to those listed below	
2. When the process is operating, someone familiar with the process shall perform a visible emissions check during daylight hours on the baghouse at a minimum of once weekly for excess visible emissions as determined by previous observations (when vented to	ADEM Admin. Code R.335-3-16-.05(c)(1)ii

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the atmosphere).	
3. Whenever excess visible emissions are observed, corrective action to minimize emissions shall be taken as soon as practicable, but at least within 24 hours, followed by an additional visible emissions check to confirm that emissions are reduced to normal.	ADEM Admin. Code R.335-3-16-.05(c)(1)ii
4. The baghouse(s) shall be inspected for proper operation and cleaned at least annually and whenever excess visible emissions are observed.	ADEM Admin. Code R.335-3-16-.05(c)(1)ii
<i>Section 5--Recordkeeping and Reporting Requirements</i>	
1. A logbook of the weekly visible observations required in the Emission Monitoring Section shall be retained for at least five years and be available for inspection upon request. Each entry shall include the date, time, result, and identification of the observer. This logbook should also include the nature and date of any maintenance actions including those taken to correct excess opacity episodes.	ADEM Admin. Code R. 335-3-1-.04

## Operating Permit Summary No. 4

**Emission Unit(s):** Engine Test Cell Operation  
**Designation No(s). in Application:** 004  
**Description:** Testing of different types of airplane engines under different simulated flight operating scenarios.  
3 Production Engine Test Cells (EP-23) (Blue Marlin)  
9 Experimental Engine Test Cells (EP-09) (Building 26)  
12 Engine Test Cells (Building 96)

**Type and quantity of fuel used:**

Primary: Aviation Gas  
Secondary: Jet A Fuel

**Pollutants Emitted:**

Pollutant	Regulatory Emission Limit	Applicable Standard
CO	245 TPY per rolling 12 month period	Synthetic Minor PSD Limitation
VOCs	None	None
Particulate	None	None
NO <sub>x</sub>	None	None
SO <sub>2</sub>	None	None



## Unit Specific Provisos

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<p><i>Section 1--Applicability</i></p> <ol style="list-style-type: none"> <li>1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03 "Major Source Operating Permits."</li> <li>2. This source is subject to a PSD synthetic minor emission limitation.</li> </ol>	<p>ADEM Admin. Code R. 335-3-14-.04</p>
<p><i>Section 2--Emission Standards</i></p> <ol style="list-style-type: none"> <li>1. Emission of Carbon Monoxide (CO) from this facility from all operations including, but not limited to engine test cells, natural gas fired units, emergency generator usage, etc., shall not exceed 245 tons per year (TPY) in any consecutive rolling 12-month period.</li> </ol>	<p>ADEM Admin. Code R. 335-3-14-.04(8)</p>
<p><i>Section 3—Compliance and Performance Test Methods and Procedures</i></p> <ol style="list-style-type: none"> <li>1. This Source is subject to no additional specific requirements other than those listed in the General Permit Provisos.</li> </ol>	
<p><i>Section 4--Emission Monitoring</i></p> <ol style="list-style-type: none"> <li>1. This Source is subject to no additional specific requirements other than those listed in the General Permit Provisos.</li> </ol>	
<p><i>Section 5--Recordkeeping and Reporting Requirements</i></p> <ol style="list-style-type: none"> <li>1. Accurate and understandable records of consumption of CO, 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 air permit. These records shall contain the following information:               <ol style="list-style-type: none"> <li>(a) The calculations used to determine the amount of CO used during each calendar month.</li> </ol> </li> </ol>	<p>ADEM Admin. Code R. 335-3-1-.04</p>

Federally Enforceable Provisos	Regulations
<p>(b) The amount of fuel used in each fuel consuming device at this facility used each calendar month.</p> <p>(f) The amount of CO emitted per calendar month from the all operations at this facility in units of pounds and tons.</p> <p>(g) The rolling 12-month total of CO emitted from all the all operations at this facility in units of pounds and tons.</p> <p>(h) 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. Should this facility, at any time, exceed the limits in this permit, the Air Division must be notified in writing within ten (10) days of the identification of the exceedance. At least calendar quarterly reports shall be submitted to the Department by the 15<sup>th</sup> day following the end of the quarter.</p>	

## Operating Permit Summary No. 5

**Emission Unit(s):** Paint Spray Operations with Oven(s)  
**Designation No(s). in Application:** 005  
**Description:** Spray booths for painting and touch-ups of engine parts.  
Prime Paint Booth (M1036) (EP-07) (Blue Marlin)  
Black/Gold Paint Booth (M1040) (EP-15) (Blue Marlin)  
Paint Booth - Crankcase (M882) (Blue Marlin)  
Showcase Paint Booth (M645) (Building 96)  
Packaging Paint Booth (Building 96)

**Type and quantity of fuel used:**

Primary: None

Secondary: None

**Pollutants Emitted:**

Pollutant	Regulatory Emission Limit	Applicable Standard
VOCs	None	None
HAPs	None	None

## Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p><i>Section 1--Applicability</i></p> <ol style="list-style-type: none"> <li>1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03 "Major Source Operating Permits."</li> </ol>	
<p><i>Section 2--Emission Standards</i></p> <ol style="list-style-type: none"> <li>1. This Source is subject to no additional specific requirements other than those listed in the General Permit Provisos.</li> </ol>	
<p><i>Section 3--Compliance and Performance Test Methods and Procedures</i></p> <ol style="list-style-type: none"> <li>1. The HAPs content by weight of each HAPs containing material used shall be determined using EPA Test Method 311, as defined in 40 CFR 63, Appendix A. Vendor data based on this method is an appropriate substitute.</li> <li>2. The VOC content by weight of each VOC containing material used shall be determined using EPA Test Method 24, as defined in 40 CFR 60, Appendix A. Vendor data based on this method is an appropriate substitute.</li> </ol>	<p>ADEM Admin. Code R. 335-3-11-.06(35)</p> <p>ADEM Admin. Code R. 335-3-1-.04</p>
<p><i>Section 4--Emission Monitoring</i></p> <ol style="list-style-type: none"> <li>1. The monitoring requirements in this permit shall be as required in Section 5--Recordkeeping and Reporting Requirements.</li> </ol>	
<p><i>Section 5--Recordkeeping and Reporting Requirements</i></p> <ol style="list-style-type: none"> <li>1. Accurate and understandable records of consumption, 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 air permit. These records shall contain the following information:</li> </ol>	<p>ADEM Admin. Code R. 335-3-1-.04</p>

Federally Enforceable Provisos	Regulations
<ul style="list-style-type: none"> <li>(a) The type, quantity in gallons, and weight in pounds of each VOC or HAP containing material used during each calendar month.</li> <li>(b) The percent by weight of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month.</li> <li>(c) The percent by volume of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month.</li> <li>(d) Emissions may be adjusted for VOC and VHAP content of material removed from the plant as waste or returns if the record keeping and details surrounding the materials are approved in advance.</li> <li>(e) Complete inventories of the VOC and HAP containing materials (their usage, VOC content and VHAP content) shall be made at the end of each calendar month.</li> <li>(f) The amount of VOCs emitted per calendar month from the coating and cleaning operations in units of pounds and tons</li> <li>(g) The rolling 12-month total of VOCs emitted from the coating and cleaning operations in units of pounds and tons.</li> </ul>	

## Operating Permit Summary No. 7.

**Emission Unit(s):** Solvent Cleaning Operations  
**Designation No(s). in Application:** 007  
**Description:** Cleaning of engine parts with mineral spirits.  
(Blue Marlin) (Building 96)

**Permitted Operating Schedule:** 24 hr/day x 365 days/yr. = 8760 hr/yr.

**Type and quantity of fuel used:**

Primary: None

Secondary: None

**Pollutants Emitted:**

Pollutant	Regulatory Emission Limit	Applicable Standard
VOCs	None	None

## Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p><i>Section 1--Applicability</i></p> <p>1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03 "Major Source Operating Permits."</p>	
<p><i>Section 2--Emission Standards</i></p> <p>1. This Source is subject to no additional specific requirements other than those listed in the General Permit Provisos.</p>	
<p><i>Section 3--Compliance and Performance Test Methods and Procedures</i></p> <p>1. The VOC content by weight of each VOC containing material used shall be determined using EPA Test Method 24, as defined in 40 CFR 60, Appendix A. Vendor data based on this method is an appropriate substitute.</p>	<p>ADEM Admin. Code R. 335-3-1-.04</p>
<p><i>Section 4--Emission Monitoring</i></p> <p>1. The monitoring requirements in this permit shall be as required in Section 5--Recordkeeping and Reporting Requirements.</p>	
<p><i>Section 5--Recordkeeping and Reporting Requirements</i></p> <p>1. Accurate and understandable records of consumption, 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 air permit. These records shall contain the following information:</p> <ul style="list-style-type: none"> <li>(a) The type, quantity in gallons, and weight in pounds of each VOC or HAP containing material used during each calendar month.</li> <li>(b) The percent by weight of VOCs, water, solids, VHAPs, and exempt VOC compounds content of</li> </ul>	<p>ADEM Admin. Code R. 335-3-1-.04</p>

Federally Enforceable Provisos	Regulations
<p>each VOC containing material used each calendar month.</p> <p>(c) The percent by volume of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month.</p> <p>(d) Emissions may be adjusted for VOC and VHAP content of material removed from the plant as waste or returns if the record keeping and details surrounding the materials are approved in advance.</p> <p>(e) Complete inventories of the VOC and HAP containing materials (their usage, VOC content and VHAP content) shall be made at the end of each calendar month.</p> <p>(f) The amount of VOCs emitted per calendar month from the coating and cleaning operations in units of pounds and tons</p> <p>(g) The rolling 12-month total of VOCs emitted from the coating and cleaning operations in units of pounds and tons.</p>	



## Operating Permit Summary No. 8.

**Emission Unit(s):**

Polishing/Grinding Operation(s) with Cyclone(s)  
/ Dust Collector(s)

**Designation No(s). in Application:**

008

**Description:**

(EP-06) Crankshaft Polishing (M476) (Blue Marlin),  
Crankshaft Polish & Debur (L435),  
Speed Lathe (L451),  
Green Balance (H646), and  
Snag Grinder (H534) w/ DEFP-4 Dust Collectors  
(Blue Marlin)

**Type and quantity of fuel used:**

Primary: None

Secondary: None

**Pollutants Emitted:**

Pollutant	Regulatory Emission Limit	Applicable Standard
Particulate	$E = 3.59P^{0.62}$	SIP
Opacity	Only one 6-minute average opacity greater than 20% in a 60-minute period; No 6-minute average opacity greater than 40%	SIP

## Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p><i>Section 1--Applicability</i></p> <ol style="list-style-type: none"> <li>1. This unit is subject to the particulate emission rate limits for Process Industries – General Sources.</li> <li>2. This unit is subject to the opacity emission rate limits.</li> </ol>	<p>ADEM Admin. Code R. 335-3-4-.04</p> <p>ADEM Admin. Code R. 335-3-4-.01</p>
<p><i>Section 2--Emission Standards</i></p> <ol style="list-style-type: none"> <li>1. This unit shall not discharge into the atmosphere particulate matter in any one hour in excess of: <math>E = 3.59 (P^{0.62})</math>, where P is the process weight in tons/hr</li> <li>2. This unit shall not discharge into the atmosphere more than one six (6) minute average opacity greater than 20 percent (20%) in any 60-minute period. At no time shall this unit discharge a six (6) minute average opacity of greater than 40 percent (40%).</li> </ol>	<p>ADEM Admin. Code R. 335-3-4-.04</p> <p>ADEM Admin. Code R. 335-3-4-.01</p>
<p><i>Section 3--Compliance and Performance Test Methods and Procedures</i></p> <ol style="list-style-type: none"> <li>1. Method 5 as defined in 40 CFR 60, Appendix A or other method approved by the Department shall be used in the determination of particulate emissions from the stack.</li> <li>2. Method 9 as defined in 40 CFR 60, Appendix A or other method approved by the Department shall be used in the determination of the opacity of the stack emissions.</li> </ol>	<p>ADEM Admin. Code R. 335-3-1-.05</p> <p>ADEM Admin. Code R. 335-3-1-.05</p>
<p><i>Section 4--Emission Monitoring</i></p> <ol style="list-style-type: none"> <li>1. The monitoring requirements in this permit shall be as required in Section 5--Recordkeeping and Reporting Requirements in addition to those listed below.</li> <li>2. When the process is operating, someone familiar with the process shall perform a visible emissions check during daylight hours on the baghouse at a minimum of once weekly for excess visible emissions as determined by previous observations (when vented to</li> </ol>	<p>ADEM Admin. Code R.335-3-16-.05(c)(1)ii</p>

Federally Enforceable Provisos	Regulations
the atmosphere).	
3. Whenever excess visible emissions are observed, corrective action to minimize emissions shall be taken as soon as practicable, but at least within 24 hours, followed by an additional visible emissions check to confirm that emissions are reduced to normal.	ADEM Admin. Code R.335-3-16-.05(c)(1)ii
4. The baghouse(s) shall be inspected for proper operation and cleaned at least annually and whenever excess visible emissions are observed.	ADEM Admin. Code R.335-3-16-.05(c)(1)ii
<i>Section 5--Recordkeeping and Reporting Requirements</i>	
1. A logbook of the weekly visible observations required in the Emission Monitoring Section shall be retained for at least five years and be available for inspection upon request. Each entry shall include the date, time, result, and identification of the observer. This logbook should also include the nature and date of any maintenance actions including those taken to correct excess opacity episodes.	ADEM Admin. Code R. 335-3-1-.04

## Operating Permit Summary No. 50.

**Emission Unit(s):** Plating and Polishing Operation(s)  
**Designation No(s). in Application:** 050

**Description:** Magnesium Phosphate Line (EP-21) (Blue Marlin) (Building 15)  
Alodine Chromate Conversion Line (EP-12) (Blue Marlin) (Building 15)

**Type and quantity of fuel used:**

Primary: None  
Secondary: None

**Pollutants Emitted:**

Pollutant	Regulatory Emission Limit	Applicable Standard
Particulate	$E = 3.59P^{0.62}$	SIP
Opacity	Only one 6-minute average opacity greater than 20% in a 60-minute period; No 6-minute average opacity greater than 40%	SIP
Particulate	40 CFR Part 63 Subpart WWWW	MACT

## Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p><i>Section 1--Applicability</i></p> <ol style="list-style-type: none"> <li>1. This unit is subject to the particulate emission rate limits for Process Industries – General Sources.</li> <li>2. This unit is subject to the opacity emission rate limits.</li> <li>3. This unit is subject to 40 CFR Part 63 Subpart WWWWWW.</li> </ol>	<p>ADEM Admin. Code R. 335-3-4-.04</p> <p>ADEM Admin. Code R. 335-3-4-.01</p> <p>40 CFR Part 63 Subpart WWWWWW</p>
<p><i>Section 2--Emission Standards</i></p> <ol style="list-style-type: none"> <li>1. This unit shall not discharge into the atmosphere particulate matter in any one hour in excess of: <math>E = 3.59 (P^{0.62})</math>, where P is the process weight in tons/hr</li> <li>2. This unit shall not discharge into the atmosphere more than one six (6) minute average opacity greater than 20 percent (20%) in any 60-minute period. At no time shall this unit discharge a six (6) minute average opacity of greater than 40 percent (40%).</li> <li>3. Conduct Best Management Practices that include:               <ol style="list-style-type: none"> <li>(a) Minimize bath agitation when removing any parts processed in the tank except when necessary to meet part quality requirements.</li> <li>(b) Maximize the draining of bath solution back into the tank by extending drip time when removing parts from the tank.</li> <li>(c) Optimize the design of barrels, racks and parts to minimize dragout of bath solution.</li> <li>(d) Use tank covers whenever possible, if already owned and available at the facility.</li> </ol> </li> </ol>	<p>ADEM Admin. Code R. 335-3-4-.04</p> <p>ADEM Admin. Code R. 335-3-4-.01</p> <p>40 CFR Part 63 Subpart WWWWWW</p>

**Federally Enforceable Provisos****Regulations**

(e) Minimize or reduce heating of process tanks, except when doing so would interrupt production or adversely affect part quality.

(f) Perform regular repair, maintenance and preventive maintenance of racks, barrels, and other equipment associated with affected sources.

(g) Minimize bath contamination using practices such as: the prevention or quick recovery of dropped parts, use of distilled/de-ionized water, water filtration, pre-cleaning of parts to be plated, and thorough rinsing of pre-treated parts to be plated.

(h) Maintain quality control of chemicals and other bath ingredient concentrations in the tanks.

(i) Perform general good housekeeping, such as regular sweeping or vacuuming, if needed, and periodic washdowns.

(j) Minimize spills and overflow of tanks.

(k) Use squeegee rolls in continuous or reel-to-reel plating tanks.

(l) Perform regular inspections to identify leaks and other opportunities for pollution prevention.

*Section 3--Compliance and Performance Test Methods and Procedures*

1. Method 5 as defined in 40 CFR 60, Appendix A or other method approved by the Department shall be used in the determination of particulate emissions from the stack.

40 CFR Part 63  
Subpart WWWWWW

ADEM Admin. Code  
R. 335-3-1-.05

Federally Enforceable Provisos	Regulations
<p>2. Method 9 as defined in 40 CFR 60, Appendix A or other method approved by the Department shall be used in the determination of the opacity of the stack emissions.</p>	<p>ADEM Admin. Code R. 335-3-1-.05</p>
<p><i>Section 4--Emission Monitoring</i></p>	
<p>1. NONE.</p>	
<p><i>Section 5--Recordkeeping and Reporting Requirements</i></p>	
<p>1. Conduct record keeping as required by 40 CFR Part 63 Subpart WWWWWW as applicable:</p> <ul style="list-style-type: none"> <li>(a) Records that demonstrate compliance with management practices.</li> <li>(b) For cyanide tanks, the one-time pH measurement value.</li> <li>(c) For non-cyanide tanks, amount and frequency of WAFS additions, if applicable.</li> <li>(d) For short-term or flash electroplating tanks, the daily plating time.</li> <li>(e) For batch electroplating tanks using covers as a control option, the time the tank is operated with cover in place.</li> <li>(f) For continuous electroplating tanks, amount of tank surface covered and time tank is operated with cover in place.</li> <li>(g) Operating manuals for all required control systems.</li> <li>(h) All required notifications and reports, with supporting documentation.</li> <li>(i) Records should be kept in a form suitable and readily available for review.</li> </ul>	<p>40 CFR Part 63 Subpart WWWWWW</p>

## Operating Permit Summary No. 51.

**Emission Unit(s):** Gasoline Dispensing Operation(s)  
**Designation No(s). in Application:** 051  
**Description:** Gasoline Dispensing Operations (EP-14) (Blue Marlin)

**Type and quantity of fuel used:**

Primary: None

Secondary: None

**Pollutants Emitted:**

Pollutant	Regulatory Emission Limit	Applicable Standard
HAPs	VARIOUS MAINTENANCE REQUIREMENTS	MACT 40 CFR 63 Subpart CCCCCC



## Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p><i>Section 1--Applicability</i></p> <p>1. This unit is subject to 40 CFR Part 63 Subpart CCCCCC.</p>	<p>40 CFR Part 63 Subpart CCCCCC</p>
<p><i>Section 2--Emission Standards</i></p> <p>1. Conduct Best Management Practices that include:</p> <ul style="list-style-type: none"> <li>(a) Minimize spills.</li> <li>(b) Clean up spills expeditiously.</li> <li>(c) Cover gasoline containers &amp; storage tank fill pipes with gasketed seal.</li> <li>(d) Minimize gasoline sent to open collection systems</li> </ul>	<p>40 CFR Part 63 Subpart CCCCCC</p>
<p><i>Section 3--Compliance and Performance Test Methods and Procedures</i></p> <p>1. NONE</p>	<p>40 CFR Part 63 Subpart CCCCCC</p>
<p><i>Section 4--Emission Monitoring</i></p> <p>1. NONE.</p>	<p>40 CFR Part 63 Subpart CCCCCC</p>
<p><i>Section 5--Recordkeeping and Reporting Requirements</i></p> <p>1. None. However must be able to demonstrate, within 24 hours of request, throughput is below 10,000 gallons per month.</p>	<p>40 CFR Part 63 Subpart CCCCCC</p>

## Operating Permit Summary No. 52.

**Emission Unit(s):** Reciprocating Internal Combustion Engines  
(RICE) Operation(s)  
**Designation No(s). in Application:** 052  
**Description:** GEN1 (345BHP, DIESEL FIRED) (Trailer)

**Type and quantity of fuel used:**

Primary: None  
Secondary: None

**Pollutants Emitted:**

Pollutant	Regulatory Emission Limit	Applicable Standard
Opacity	20% as determined by a 6 minute average	SIP
HAPs	VARIOUS MAINTENANCE REQUIREMENTS	MACT-ZZZZ
CO	245 TYP OF CO PER ROLLING 12 MONTH PERIOD	PSD SYNTHETIC MINOR

## Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p><i>Section 1--Applicability</i></p> <ol style="list-style-type: none"> <li>1. These units are subject to the opacity emission rate limits.</li> <li>2. These units are subject to the applicable requirements of 40 CFR Part 63, "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".</li> <li>3. This source is subject to a PSD synthetic minor emission limitation.</li> </ol>	<p>ADEM Admin. Code R. 335-3-4-.01</p> <p>40 CFR Part 63</p> <p>ADEM Admin. Code R. 335-3-14-.04</p>
<p><i>Section 2--Emission Standards</i></p> <ol style="list-style-type: none"> <li>1. These units shall not discharge into the atmosphere opacity greater than twenty percent (20%), as determined by a six (6) minute average. If opacity of 5% or greater is observed from this unit, the operator shall investigate the cause and make any necessary corrective actions.</li> <li>2. The Emergency stationary CI RICE unit(s) shall:               <ol style="list-style-type: none"> <li>(a) Change oil and filter every 500 hours of operation or annually, whichever comes first;</li> <li>(b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first;</li> <li>(c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.</li> <li>(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.</li> </ol> </li> <li>3. Emission of Carbon Monoxide (CO) from this facility from all operations including, but not limited to engine test cells, natural gas fired units, emergency generator</li> </ol>	<p>ADEM Admin. Code R. 335-3-14</p> <p>40 CFR Part 63</p> <p>ADEM Admin. Code R. 335-3-14-.04(8)</p>

Federally Enforceable Provisos	Regulations
usage, etc., shall not exceed 245 tons per year (TPY) in any consecutive rolling 12-month period.	
<i>Section 3--Compliance and Performance Test Methods and Procedures</i>	
1. Method 9 as defined in 40 CFR 60, Appendix A shall be used in the determination of the opacity of the stack emissions.	ADEM Admin. Code R. 335-3-1-.05
<i>Section 4--Emission Monitoring</i>	
1. The monitoring requirements in this permit shall be as required in Section 5--Recordkeeping and Reporting Requirements in addition to those listed below.	
<i>Section 5--Recordkeeping and Reporting Requirements</i>	
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.	40 CFR Part 63
2. Accurate and understandable records of consumption of CO, 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 air permit. These records shall contain the following information:  (a) The calculations used to determine the amount of CO used during each calendar month. (b) The amount of fuel used in each fuel consuming device at this facility used each calendar month. (c) The amount of CO emitted per calendar month from the all operations at this facility in units of pounds and tons. (d) The rolling 12-month total of CO emitted from the all operations at this facility in units of pounds and	ADEM Admin. Code R. 335-3-1-.04

**Federally Enforceable Provisos****Regulations**

tons.

(e) 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. Should this facility, at any time, exceed the limits in this permit, the Air Division must be notified in writing within ten (10) days of the identification of the exceedance. At least calendar quarterly reports shall be submitted to the Department by the 15<sup>th</sup> day following the end of the quarter.

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

40 CFR Part 63

*(a) Requirements for emergency stationary RICE.*

Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (i) through (iii) of this section, is prohibited.

*(i) There is no time limit on the use of emergency stationary RICE in emergency situations.*

(ii) You may operate your emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. 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 RICE beyond 100 hours per year.

(iii) You may operate your emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric

**Federally Enforceable Provisos****Regulations**

grid or otherwise supply power as part of a financial arrangement with another entity; except that owners and operators may operate the emergency engine for a maximum of 15 hours per year as part of a demand response program if the regional transmission organization or equivalent balancing authority and transmission operator has determined there are emergency conditions that could lead to a potential electrical blackout, such as unusually low frequency, equipment overload, capacity or energy deficiency, or unacceptable voltage level. The engine may not be operated for more than 30 minutes prior to the time when the emergency condition is expected to occur, and the engine operation must be terminated immediately after the facility is notified that the emergency condition is no longer imminent. The 15 hours per year of demand response operation are counted as part of the 50 hours of operation per year provided for non-emergency situations. The supply of emergency power to another entity or entities pursuant to financial arrangement is not limited by this paragraph (iii), as long as the power provided by the financial arrangement is limited to emergency power.

### Operating Permit Summary No. 53.

**Emission Unit(s):** Reciprocating Internal Combustion  
Engines (RICE) Operation(s)  
**Designation No(s). in Application:** 053  
**Description:** GEN2 (125KW, NATURAL GAS FIRED)  
(Blue Marlin)

**Type and quantity of fuel used:**

Primary: None

Secondary: None

**Pollutants Emitted:**

Pollutant	Regulatory Emission Limit	Applicable Standard
Opacity	20% as determined by a 6 minute average	SIP
HAPs	INITIAL NOTIFICATION REQUIREMENTS	MACT-ZZZZ
NOX	2.0 G/HP-HR	NSPS-JJJJ
CO	4.0 G/HP-HR	NSPS-JJJJ
VOC	1.0 G/HP-HR	NSPS-JJJJ
CO	245 TPY OF CO PER ROLLING 12 MONTH PERIOD	PSD SYNTHETIC MINOR

Federally Enforceable Provisos	Unit Specific Provisos	Regulations
<i>Section 1--Applicability</i>		
1.	This unit is subject to the opacity emission rate limits.	ADEM Admin. Code R. 335-3-4-.01
2.	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" under 63.6590(a)(2)(iii), and this source is subject to Proviso No. 1.3 under 63.6590(c)(1).	40 CFR Part 63
3.	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".	ADEM Admin. Code R. 335-3-10-.02(88)
4.	This source is subject to a PSD synthetic minor emission limitation.	ADEM Admin. Code R. 335-3-14-.04
<i>Section 2--Emission Standards</i>		
1.	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 (40%) percent.	ADEM Admin. Code R. 335-3-4-.01



- |  |   |
|--|---|
| <p>2. 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. The facility will operate and maintain the engine in compliance with the manufacturer's emission-related written instructions as listed in 60.4243(a). The facility will limit operating hours for maintenance checks and readiness testing to 100 hours per year as listed in 60.4243(d). The emergency generator will be certified to meet the standards as listed in 60.4233(e) and listed in Section 2.3 below or perform an initial performance test to show compliance with the pollutants listed in Section 2.3 below:</p> | <p>ADEM Admin. Code<br/>R. 335-3-10-.02(88)</p> |
| <p>3. The Emergency stationary SI RICE unit(s) shall:</p> <ul style="list-style-type: none"> <li>a. not emit more than 2.0 NO<sub>x</sub> g/HP-hr.</li> <li>b. not emit more than 4.0 CO g/HP-hr.</li> <li>c. not emit more than 1.0 VOC g/HP-hr.</li> </ul>   | <p>ADEM Admin. Code<br/>R. 335-3-10-.02(88)</p> |
| <p>4. Emission of Carbon Monoxide (CO) from this facility from all operations including, but not limited to engine test cells, natural gas fired units, emergency generator usage, etc., shall not exceed 245 tons per year (TPY) in any consecutive rolling 12-month period</p>   | <p>ADEM Admin. Code<br/>R. 335-3-14-.04(8)</p>  |

*Section 3--Compliance and Performance Test Methods and Procedures*

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| <p>1. Method 9 as defined in 40 CFR 60, Appendix A shall be used in the determination of the opacity of the stack emissions.</p>  | <p>ADEM Admin. Code<br/>R. 335-3-1-.05</p> |
| <p>2. Method 7 or 7E as defined in 40 CFR 60, Appendix A shall be used in the determination of Nitrogen oxides emissions from the stack.</p>  | <p>ADEM Admin. Code<br/>R. 335-3-1-.05</p> |
| <p>3. Method 18 or 25, as determined by the Department, as defined in 40 CFR 60, Appendix A shall be used in the determination of Volatile Organic Compound emissions from the stack.</p> | <p>ADEM Admin. Code<br/>R. 335-3-1-.05</p> |
| <p>4. Method 10 as defined in 40 CFR 60, Appendix A shall be used in the determination of Carbon Monoxide emissions from the stack.</p>   | <p>ADEM Admin. Code<br/>R. 335-3-1-.05</p> |

*Section 4--Emission Monitoring*

1. The monitoring requirements in this permit shall be as required in Section 5--Recordkeeping and Reporting Requirements in addition to those listed below.

*Section 5--Recordkeeping and Reporting Requirements*

1. Records of engine usage listed in Section 2.2 above 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. The owner or operator of a stationary internal combustion engine shall maintain all records specified in 40 CFR 60.4245(a).
2. Accurate and understandable records of consumption of CO, 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 air permit. These records shall contain the following information:
  - (a) The calculations used to determine the amount of CO used during each calendar month.
  - (b) The amount of fuel used in each fuel consuming device at this facility used each calendar month.
  - (c) The amount of CO emitted per calendar month from the all operations at this facility in units of pounds and tons.
  - (d) The rolling 12-month total of CO emitted from the all operations at this facility in units of pounds and tons.
  - (e) 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. Should this facility, at any time, exceed the limits in this permit, the Air Division must be notified in writing within ten (10) days of the identification of the exceedance. At least calendar quarterly reports shall be submitted to the Department by the 15<sup>th</sup> day following the end of the quarter.
3. The following federal requirements apply to these unit(s) as specified in 40 CFR 60.4243, listed here in part:

ADEM Admin. Code  
R. 335-3-10-.02(88)

ADEM Admin. Code  
R. 335-3-1-.04

ADEM Admin. Code  
R. 335-3-10-.02(88)

(a) In order for the engine to be considered an emergency stationary ICE, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year.

(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 (a)(2)(i) through (iii) of this section for a maximum of 100 hours per calendar year.

(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.

4. 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. Should this facility, at any time, exceed the limits in this permit, the Air Division must be notified in writing within ten (10) days of the identification of the exceedance.

ADEM Admin. Code  
R. 335-3-1-.04