

Statement of Basis
Kith Kitchens, LLC
(Woodworking & Surface Coating Processes)

Major Source of Volatile Organic Compound Emissions and
Hazardous Air Pollutant Emissions.

Introduction

On September 20, 2019, Kith Kitchens LLC submitted an application for the renewal of their Title V Permit for the manufacture and surface coating of wooden components (SIC # 2511). Kith Kitchens, LLC is located in Haleyville, Alabama.

The major changes are as follows:

- Kith Kitchens has added a new Surface Coating Line No. 4 recently to their plant. This Air Permit will be incorporated into their Title V permit.
- Kith Kitchens has added a new Surface Coating Line No. 5 recently to their plant. This Air Permit will be incorporated into their Title V permit.
- Kith Kitchens has added a new baghouse outside of Building No. 3 recently to their plant. This Air Permit will be incorporated into their Title V permit.
- Administrative changes due to enforcement actions will be incorporated into Line No. 1, Line No. 2, and Line No. 3 permits. This involved the reallocation of a separate 235 TPY limit for Line Nos. 1, and 2, a separate 235 TPY limit for Line No. 3, and a separate 39 TPY limit for Line No. 4.
- In Permit Unit No. 1, Section 5.3, Unit No. 2, Section 5.3, Unit No. 3, Section 5.3 and Unit No. 5, Section 5.3, Unit No. 7, Section 5.3, and Unit No. 11, Section 5.3, allows Kith Kitchens 30 days to report instead of the now required 15 days. This would allow Legacy greater latitude if certain circumstances prevented normal gathering of data at the end of the month, such as absences or gathering of additional data. General Proviso No. 15 already requires more immediate notification of major breakdowns.

Operations

Plant No. 1 contains the No. 1 Woodworking Operations controlled with Baghouse No. 1 and Cyclone No. 1. Plant No. 1 contains surface coating operations to include Cabinet Line No. 1 (consisting of 9 coating booths to include 4 stain booths, 3 sealer booths, and 2 topcoat booths). Plant No. 1 also

contains Wooden Furniture Line No. 2 (Cefla)(consisting of one coating Cefla booth and includes one off-line booth for sealer and topcoat). Plant No. 1 also contains Surface Coating Line No. 3 (consisting of 11 coating booths to include 5 basecoat booths, 2 sealer booths, 2 unused booths, and 2 topcoat booths).

Plant No. 2 houses the No. 2 Woodworking Operations controlled with Baghouse No. 2 and Baghouse No. 1.

Plant No. 3 contains the No. 6 Woodworking Operations and they are sent to the Building No. 3 Baghouse that has recently completed construction.

Plant No. 4 contains the No. 3 Woodworking Operations and they are sent to the two Building No. 4 Baghouses.

Building No. 6 contains the No. 4 Woodworking Operations and they are sent to the two baghouses outside of Building No. 6.

Buildings No. 7 contains the No. 5 Woodworking Operations and they are sent to the Building No. 7 Cyclone System. Plant No. 7 also contains Surface Coating Line No. 4 (consisting of 4 coating booths to include one vinyl Sealer booth, 2 unused booths, and one topcoat booth).

Plant No. 8 contains Surface Coating Line No. 5 (consisting of 11 coating booths to include 5 basecoat booths, one unused booth, 4 topcoat booths, and includes one off-line booth for basecoat and topcoat).

Volatile organic compounds (VOCs) from the organic solvents in the paint, paint thinners, adhesives, and cleanup solvents, are regulated criteria air contaminants emitted to the atmosphere by the surface coating of the wooden components. The surface coating operations are also a source of hazardous air pollutants (HAPs), as listed in Appendix G of the ADEM Air Regulations.

Potential emission of VOCs exceeds the threshold of 100 tons per year. Therefore, Kith Kitchens, LLC is considered a major source for Title V. Kith Kitchens, LLC currently has VOC potential emissions above the 250 ton threshold; therefore, they are considered a major source concerning PSD requirements.

The potential HAP emissions from the coating operation are also emitted in such quantities as to exceed the Title V major source thresholds. The HAP emission thresholds for a major source are 10 tons for a single HAP and 25 tons for a combination of any HAPs.

The coating lines and adhesion operation are subject to the NESHAP for the Manufacture of Wood Furniture, Subpart (JJ). This regulation requires Kith Kitchens, LLC to limit emissions of certain HAPs in their coatings and adhesives, and to implement certain work practices and training for operators.

No other criteria pollutants are emitted in sufficient quantities, actually or potentially, to exceed the major source threshold of 100 tons per year.

The following is a list of all of the facility's sources (individual emissions units) which will be part of the facility's Title V Major Source Operating Permit:

Permit Unit No.	Description of Unit
001	Surface Coating Line #1
002	Surface Coating Line #2
003	Assembly and Adhesion Operation
004	Building #1 Woodworking Operation with Baghouse and Cyclone
005	Surface Coating Line #3
006	Building #2 Woodworking Operation with Two Baghouses and Cyclone
007	Surface Coating Line #4
008	Building #3 Woodworking Operation with Baghouses
009	Building #4 Woodworking Operation with Baghouses
010	Building No. DC6 Woodworking Operation with Baghouses
011	Surface Coating Line #5
012	Building No. DC7 Woodworking Operation with Cyclones
020	77 HP Natural Gas Fired Emergency Generator

Permitted Unit	Potential Emissions Requested Limit (TPY)
Surface Coating Line No. 1	235 *
Surface Coating Line No. 2	235 *
Assembly and Adhesion Operations	235 *
Surface Coating Line No. 3	235 **

Surface Coating Line No. 4	39 ***
Surface Coating Line No. 5	39 ****

* All three of these units are under the same 235 limit.

** This unit is under a separate 235 limit.

*** This unit is under a separate 39 limit.

**** This unit is under a separate 39 limit.

Monitoring of Emissions

Kith Kitchens will continue to maintain records of monthly coating usage and coating analysis. This has proven to be sufficient to show compliance with both their PSD limits and their Wood Furniture MACT requirements. These reports will be completed monthly. The monthly reports are to be submitted by the 15th day of the month following the end of each quarter.

The woodworking operations are subject to visible emissions and particulate standards. The cyclones and baghouses will be monitored for visible emissions. Currently, weekly observations of visible emissions are done to maintain compliance with the particulate standards. If greater than normal emissions are noted, corrective action to minimize emissions will be taken within 24 hours. This will be followed by an additional observation to confirm that emissions are reduced to normal. Records of weekly observations and any corrective actions will be retained for at least five years.

The baghouses are equipped with manometers that identify when cleaning is necessary. There is sufficient airflow if the gauge reads 3 inches of water or less. These will be monitored weekly and the baghouse cleaned whenever the needle reads above 3 inches of water.

CAM is not applicable because potential uncontrolled emissions of criteria pollutants do not exceed 100 tons per year on any one unit with control device(s).

Permitting Fees

Title V major sources are subject to operating permit fees which charge the facility a yearly amount based on the actual emission rate of pollutants for the previous year.

Affected States Notification

Notification of the proposal of this Major Source Operating Permit will be sent to all affected states bordering Alabama.

Recommendations

I recommend that the attached permit be issued to Kith Kitchens, LLC.

Kevin M. Fulmer
Chemical Branch
November, 2019



MAJOR SOURCE OPERATING PERMIT

PERMITTEE: KITH KITCHENS, L.L.C.

**FACILITY/PERMIT
NO.:** 710-0016

LOCATION: HALEYVILLE, 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 Date: March 26, 2020

Effective Date: March 26, 2020

Expiration Date: March 25, 2025

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General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Transfer</u> 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>2. <u>Renewals</u> 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>3. <u>Severability Clause</u> 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>4. <u>Compliance</u></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>

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<p>5. <u>Termination for Cause</u> This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance will not stay any permit condition.</p>	<p>Rule 335-3-16-.05(h)</p>
<p>6. <u>Property Rights</u> 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. <u>Submission of Information</u> 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. <u>Economic Incentives, Marketable Permits, and Emissions Trading</u> 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. <u>Certification of Truth, Accuracy, and Completeness:</u> 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. <u>Inspection and Entry</u> Upon presentation of credentials and other documents as may be required by law, the permittee shall allow</p>	<p>Rule 335-3-16-.07(b)</p>

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<p>authorized representatives of the Alabama Department of Environmental Management and EPA to conduct the following:</p> <ul style="list-style-type: none"> (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; (b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit; (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; (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements. 	
<p>11. <u>Compliance Provisions</u></p> <ul style="list-style-type: none"> (a) The permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance. (b) The permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit. 	<p>Rule 335-3-16-.07(c)</p>
<p>12. <u>Compliance Certification</u></p> <p>A compliance certification shall be submitted by May 27, of each year.</p> <ul style="list-style-type: none"> (a) The compliance certification shall include the following: <ul style="list-style-type: none"> (1) The identification of each term or condition of this permit that is the basis of the certification; (2) The compliance status; (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); 	<p>Rule 335-3-16-.07(e)</p>

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<p>(4) Whether compliance has been continuous or intermittent;</p> <p>(5) Such other facts as the Department may require to determine the compliance status of the source;</p> <p>(b) The compliance certification shall be submitted to:</p> <p style="padding-left: 40px;">Alabama Department of Environmental Management Air Division P.O. Box 301463 Montgomery, AL 36130-1463 and to:</p> <p style="padding-left: 80px;">Air Enforcement and TOXICS Branch EPA Region 4 61 Forsyth Street, SW Atlanta, GA 30303</p>	
<p>13. <u>Reopening for Cause</u></p> <p>Under any of the following circumstances, this permit will be reopened prior to the expiration of the permit:</p> <p>(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.</p> <p>(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.</p> <p>(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.</p>	<p>Rule 335-3-16-.13(5)</p>

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<p>(d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements.</p>	
<p>14. <u>Additional Rules and Regulations</u> 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>15. <u>Equipment Maintenance or Breakdown</u></p> <p>(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> <ol style="list-style-type: none"> (1) Identification of the specific facility to be taken out of service as well as its location and permit number; (2) The expected length of time that the air pollution control equipment will be out of service; (3) The nature and quantity of emissions of air contaminants likely to occur during the shutdown period; (4) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; (5) The reasons that it would be impossible or impractical to shut down the source operation during the maintenance period. <p>(b) In the event that there is a breakdown of equipment or upset of process in such a manner</p>	<p>Rule 335-3-1-.07(1), (2)</p>

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<p>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>16. <u>Operation of Capture and Control Devices</u> 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>17. <u>Obnoxious Odors</u> 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>18. <u>Fugitive Dust</u></p> <ul style="list-style-type: none"> (a) Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc. (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: <ul style="list-style-type: none"> (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; 	<p>Rule 335-3-4-.02</p>

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<ul style="list-style-type: none"> (2) By reducing the speed of vehicular traffic to a point below that at which dust emissions are created; (3) By paving; (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; <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>19. <u>Additions and Revisions</u></p> <p>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>20. <u>Recordkeeping Requirements</u></p> <ul style="list-style-type: none"> (a) Records of required monitoring information of the source shall include the following: <ul style="list-style-type: none"> (1) The date, place, and time of all sampling or measurements; (2) The date analyses were performed; (3) The company or entity that performed the analyses; (4) The analytical techniques or methods used; (5) The results of all analyses; and (6) The operating conditions that existed at the time of sampling or measurement. (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 calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by the permit 	<p>Rule 335-3-16-.05(c)2.</p>

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<p>21. Reporting Requirements</p> <ul style="list-style-type: none"> (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). (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. 	Rule 335-3-16-.05(c)3.
<p>22. Emission Testing Requirements</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> <ul style="list-style-type: none"> (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. (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 	<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>procedures require probe cleaning).</p> <p>(3) A description of the process(es) to be tested including the feed rate, any operating parameters 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>23. <u>Payment of Emission Fees</u></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>24. <u>Other Reporting and Testing Requirements</u></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>25. <u>Title VI Requirements (Refrigerants)</u></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</p>	<p>335-3-16-.05(a)</p>

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<p>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>26. <u>Chemical Accidental Prevention Provisions</u></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 threshold quantity listed in Table 1, then:</p> <ul style="list-style-type: none"> (a) The owner or operator shall comply with the provisions in 40 CFR Part 68. (b) The owner or operator shall submit one of the following: <ul style="list-style-type: none"> (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, (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. 	<p>40 CFR Part 68</p>
<p>27. <u>Display of Permit</u></p> <p>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>28. <u>Circumvention</u></p> <p>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>29. <u>Visible Emissions</u></p> <p>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</p>	<p>Rule 335-3-4-.01(1)</p>

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<p>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>30. <u>Fuel-Burning Equipment</u></p> <p>(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.</p> <p>(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.</p>	<p>Rule 335-3-4-.03</p> <p>Rule 335-3-5-.01</p>
<p>31. <u>Process Industries - General</u></p> <p>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.</p>	<p>Rule 335-3-4-.04</p>
<p>32. <u>Averaging Time for Emission Limits</u></p> <p>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.</p>	<p>Rule 335-3-1-.05</p>

Operating Permit Summary No. 1.

Emission Unit(s):**Description:**

Surface Coating Line #1

Surface Coating Line #1 with stain booths, basecoat booths, topcoat booths, and touch-up booths.

Type and quantity of fuel used:

Primary: None

Secondary: None

Pollutants Emitted:

Pollutant	Regulatory Emission Limit	Applicable Standard
VOCs	235 TONS OF VOC PER ROLLING 12 MONTH PERIOD	SYNTHETIC MINOR PSD
HAPs	1.0 LB VHAPs/POUND SOLIDS AT THE APPLICATOR FOR ALL COATINGS	MACT

Unit Specific Provisos

Federally Enforceable Provisos

Regulations

Section 1--Applicability

1. This source is subject to a PSD synthetic minor emission limitation.
2. This source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions from Wood Furniture Manufacturing Operations (40 CFR Part 63, Subpart JJ) as an "Existing Source" and to 40 CFR Part 63, General Provisos as per Table 1 in Subpart JJ.

ADEM Admin. Code
R. 335-3-14-.04

ADEM Admin. Code
R. 335-3-11-.06(35)

Section 2--Emission Standards

1. Emission of Volatile Organic Compounds (VOCs) from this unit (Line No. 1) and Line No. 2 from all surface coating operations including, but not limited to coating, storage, cleanup, etc., shall not exceed 235 tons per year (TPY) in any consecutive rolling 12-month period based on the premise that all VOCs applied are emitted.
2. In accordance with 40 CFR Part 63, Subpart JJ, this facility shall not emit greater than 1.0 pound of VHAPs per pound of solids as delivered to the applicator for all coatings as determined by a monthly average among other requirements.

ADEM Admin. Code
R. 335-3-14-.04(8)

ADEM Admin. Code
R. 335-3-11-.06(35)

Section 3--Compliance and Performance Test Methods and Procedures

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.

ADEM Admin. Code
R. 335-3-11-.06(35)

Federally Enforceable Provisos**Regulations**

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.

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

Section 4--Emission Monitoring

1. The monitoring requirements in this permit shall be as required in Section 5--Recordkeeping and Reporting Requirements.

Section 5--Recordkeeping and Reporting Requirements

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:
 - (a) The type, quantity in gallons, and weight in pounds of each VOC or HAP containing material used during each calendar month.
 - (b) The percent by weight of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month.
 - (c) The percent by volume of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month.
 - (d) Compliance with VOC and VHAP limits shall be based upon monthly material use inventories. 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

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

Federally Enforceable Provisos**Regulations**

advance.

- (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.
- (f) The amount of VOCs emitted per calendar month from the coating and cleaning operations in units of pounds and tons
- (g) The rolling 12-month total of VOCs emitted from the coating and cleaning operations in units of pounds and tons.

2. This facility shall maintain records as required in 40 CFR Part §63.800 through §63.808. This record-keeping concerns Subpart JJ--NESHAPs for Wood Furniture Manufacturing Operations. This facility shall maintain and submit records to include 40 CFR Part §63.804(a)(1), §63.804(b), §63.804(c)(1), §63.804(f)(1-4,5,7,8), §63.804(g)(1-3,5,7,8), §63.806(a), §63.806(b), §63.806(c), §63.806(d), §63.806(e), §63.806(h), §63.806(i), §63.806(j), §63.807(a), §63.807(b), §63.807(c), §63.807(d), §63.807(e), among other requirements.

3. A report summarizing the information in proviso 5.1 and 5.2 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.

ADEM Admin. Code
R. 335-3-11-.06(35)

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

Operating Permit Summary No. 2.

Emission Unit(s):**Description:**

Surface Coating Line #2

Surface Coating Line #2 with stain booths, basecoat booths, topcoat booths, and touch-up booths.

Type and quantity of fuel used:

Primary: None

Secondary: None

Pollutants Emitted:

Pollutant	Regulatory Emission Limit	Applicable Standard
VOCs	235 TONS OF VOC PER ROLLING 12 MONTH PERIOD	SYNTHETIC MINOR PSD
HAPs	1.0 LB VHAPs/POUND SOLIDS AT THE APPLICATOR FOR ALL COATINGS	MACT

Unit Specific Provisos

Federally Enforceable Provisos

Regulations

Section 1--Applicability

1. This source is subject to a PSD synthetic minor emission limitation.
2. This source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions from Wood Furniture Manufacturing Operations (40 CFR Part 63, Subpart JJ) as an "Existing Source" and to 40 CFR Part 63, General Provisos as per Table 1 in Subpart JJ.

ADEM Admin. Code
R. 335-3-14-.04

ADEM Admin. Code
R. 335-3-11-.06(35)

Section 2--Emission Standards

1. Emission of Volatile Organic Compounds (VOCs) from this unit (Line No. 2) and Line No. 1 from all surface coating operations including, but not limited to coating, storage, cleanup, etc.; shall not exceed 235 tons per year (TPY) in any consecutive rolling 12-month period based on the premise that all VOCs applied are emitted.
2. In accordance with 40 CFR Part 63, Subpart JJ, this facility shall not emit greater than 1.0 pound of VHAPs per pound of solids as delivered to the applicator for all coatings as determined by a monthly average among other requirements.

ADEM Admin. Code
R. 335-3-14-.04(8)

ADEM Admin. Code
R. 335-3-11-.06(35)

Section 3--Compliance and Performance Test Methods and Procedures

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.

ADEM Admin. Code
R. 335-3-11-.06(35)

Federally Enforceable Provisos**Regulations**

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.

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

Section 4--Emission Monitoring

3. The monitoring requirements in this permit shall be as required in Section 5--Recordkeeping and Reporting Requirements.

Section 5--Recordkeeping and Reporting Requirements

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:
 - (a) The type, quantity in gallons, and weight in pounds of each VOC or HAP containing material used during each calendar month.
 - (b) The percent by weight of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month.
 - (c) The percent by volume of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month.
 - (d) Compliance with VOC and VHAP limits shall be based upon monthly material use inventories. 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

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

Federally Enforceable Provisos**Regulations**

advance.

- (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.
- (f) The amount of VOCs emitted per calendar month from the coating and cleaning operations in units of pounds and tons
- (g) The rolling 12-month total of VOCs emitted from the coating and cleaning operations in units of pounds and tons.

2. This facility shall maintain records as required in 40 CFR Part §63.800 through §63.808. This record-keeping concerns Subpart JJ--NESHAPs for Wood Furniture Manufacturing Operations. This facility shall maintain and submit records to include 40 CFR Part §63.804(a)(1), §63.804(b), §63.804(c)(1), §63.804(f)(1-4,5,7,8), §63.804(g)(1-3,5,7,8), §63.806(a), §63.806(b), §63.806(c), §63.806(d), §63.806(e), §63.806(h), §63.806(i), §63.806(j), §63.807(a), §63.807(b), §63.807(c), §63.807(d), §63.807(e), among other requirements.

3. A report summarizing the information in proviso 5.1 and 5.2 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.

ADEM Admin. Code
R. 335-3-11-.06(35)

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

Operating Permit Summary No. 3

Emission Unit(s):

Description:

Assembly and Adhesion Operation
Final assembly and adhesion of coated workpieces.

Type and quantity of fuel used:

Primary: None

Secondary: None

Pollutants Emitted:

Pollutant	Regulatory Emission Limit	Applicable Standard
VOCs	None	None
HAPs	1.0 LB VHAPs/POUND SOLIDS AT THE APPLICATOR FOR ALL ADHESIVES	MACT

Unit Specific Provisos

Federally Enforceable Provisos

Regulations

Section 1--Applicability

1. This source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions from Wood Furniture Manufacturing Operations as an "Existing Source".

ADEM Admin. Code
R. 335-3-11-.06(35)

Section 2--Emission Standards

1. This facility shall not emit greater than 1.0 pound of VHAPs per pound of solids as delivered to the applicator for each adhesive among other requirements.

ADEM Admin. Code
R. 335-3-11-.06(35)

Section 3--Compliance and Performance Test Methods and Procedures

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.

ADEM Admin. Code
R. 335-3-11-.06(35)

Section 4--Emission Monitoring

1. The monitoring requirements in this permit shall be as required in Section 5--Recordkeeping and Reporting Requirements.

Section 5--Recordkeeping and Reporting Requirements

1. This facility shall maintain records as required in 40 CFR Part §63.800 through §63.808. This record-keeping concerns Subpart JJ--NESHAPs for Wood Furniture Manufacturing Operations. This facility shall maintain and submit records to include 40 CFR Part §63.804(a)(1), §63.804(b), §63.804(c)(1), §63.804(f)(1-4,5,7,8), §63.804(g)(1-3,5,7,8), §63.806(a), §63.806(b), §63.806(c), §63.806(d), §63.806(e), §63.806(h), §63.806(i), §63.806(j), §63.807(a), §63.807(b), §63.807(c), §63.807(d), §63.807(e), among other

ADEM Admin. Code
R. 335-3-11-.06(35)

Federally Enforceable Provisos**Regulations**

requirements.

2. A report summarizing the information in proviso 5.1 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.

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

Operating Permit Summary No. 4.

Emission Unit(s):

Woodworking Operations with Baghouse(s)
and Cyclone(s) BLD 1

Description:

Woodworking operations operations with
baghouse(s) and a cyclone(s).

Type and quantity of fuel used:

Primary: None

Secondary: None

Pollutants Emitted:

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

Unit Specific Provisos

Federally Enforceable Provisos

Regulations

Section 1--Applicability

1. This unit is subject to the opacity emission rate limits.
2. This unit is subject to the particulate emission rate limits for Process Industries - General sources.

ADEM Admin. Code
R. 335-3-4-.01
ADEM Admin. Code
R. 335-3-4-.04

Section 2--Emission Standards

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.
2. 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-.01

ADEM Admin. Code
R. 335-3-4-.04

Section 3--Compliance and Performance Test Methods and Procedures

1. Method 9 as defined in 40 CFR 60, Appendix A shall be used in the determination of the opacity of the stack emissions.
2. Method 5 as defined in 40 CFR 60, Appendix A shall be used in the determination of particulate emissions from the stack.

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

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

Section 4--Emission Monitoring

1. When operating, the baghouse(s) magnahelic manometer shall be visually observed a minimum of once weekly for greater than normal reading as determined by previous observations. In Kith Kitchens Renewal Application, a reading of 4.5 inches of water or less and 1.0 inches of water or more is recommended.

ADEM Admin. Code
R.335-3-16-.05(3)(a)2

Federally Enforceable Provisos**Regulations**

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| 2. Whenever magnahelic manometer readings are out of range of normal operation, corrective action to minimize emissions shall be taken within 24 hours, followed by an additional observation to confirm that readings are returned to normal. | ADEM Admin. Code
R.335-3-16-.05(3)(a)2 |
| 3. The baghouse(s) shall be inspected for proper operation and cleaned at least annually and whenever magnahelic manometer readings are greater than normal. | ADEM Admin. Code
R.335-3-16-.05(3)(a)2 |

Section 5--Recordkeeping and Reporting Requirements

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| 1. A log book of the magnahelic manometer readings required in proviso 4.1 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. | ADEM Admin. Code
R. 335-3-1-.04 |
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Operating Permit Summary No. 5.

Emission Unit(s):

Surface Coating Line #3

Description:

Surface Coating Line #3 with stain booths, basecoat booths, topcoat booths, and oven.

Type and quantity of fuel used:

Primary:

None

Secondary:

None

Pollutants Emitted:

Pollutant	Regulatory Emission Limit	Applicable Standard
VOCs	235 TONS OF VOCs PER ROLLING 12 MONTH PERIOD	SYNTHETIC MINOR PSD
HAPs	1.0 LB VHAPs/POUND SOLIDS AT THE APPLICATOR FOR ALL COATINGS	MACT

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p><i>Section 1--Applicability</i></p> <ol style="list-style-type: none"> 1. This source is subject to a PSD synthetic minor emission limitation. 2. This source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions from Wood Furniture Manufacturing Operations (40 CFR Part 63, Subpart JJ) as an "Existing Source" and to 40 CFR Part 63, General Provisos as per Table 1 in Subpart JJ. 	<p>ADEM Admin. Code R. 335-3-14-.04</p> <p>ADEM Admin. Code R. 335-3-11-.06(35)</p>
<p><i>Section 2--Emission Standards</i></p> <ol style="list-style-type: none"> 1. Emission of Volatile Organic Compounds (VOCs) from this unit (Line No. 3) from all surface coating operations including, but not limited to coating, storage, cleanup, etc., shall not exceed 235 tons per year (TPY) in any consecutive rolling 12-month period based on the premise that all VOCs applied are emitted. 2. In accordance with 40 CFR Part 63, Subpart JJ, this facility shall not emit greater than 1.0 pound of VHAPs per pound of solids as delivered to the applicator for all coatings as determined by a monthly average among other requirements. 	<p>ADEM Admin. Code R. 335-3-14-.04(8)</p> <p>ADEM Admin. Code R. 335-3-11-.06(35)</p>
<p><i>Section 3--Compliance and Performance Test Methods and Procedures</i></p> <ol style="list-style-type: none"> 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. 	<p>ADEM Admin. Code R. 335-3-11-.06(35)</p>

Federally Enforceable Provisos	Regulations
<p>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.</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"> (a) The type, quantity in gallons, and weight in pounds of each VOC or HAP containing material used during each calendar month. (b) The percent by weight of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month. (c) The percent by volume of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month. (d) Compliance with VOC and VHAP limits shall be based upon monthly material use 	<p>ADEM Admin. Code R. 335-3-1-.04</p>

Federally Enforceable Provisos**Regulations**

inventories. 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.

- (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.
- (f) The amount of VOCs emitted per calendar month from the coating and cleaning operations in units of pounds and tons
- (g) The rolling 12-month total of VOCs emitted from the coating and cleaning operations in units of pounds and tons.

2. This facility shall maintain records as required in 40 CFR Part §63.800 through §63.808. This record-keeping concerns Subpart JJ--NESHAPs for Wood Furniture Manufacturing Operations. This facility shall maintain and submit records to include 40 CFR Part §63.804(a)(1), §63.804(b), §63.804(c)(1), §63.804(f)(1-4,5,7,8), §63.804(g)(1-3,5,7,8), §63.806(a), §63.806(b), §63.806(c), §63.806(d), §63.806(e), §63.806(h), §63.806(i), §63.806(j), §63.807(a), §63.807(b), §63.807(c), §63.807(d), §63.807(e), among other requirements.

3. A report summarizing the information in proviso 5.1 and 5.2 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.

ADEM Admin. Code
R. 335-3-11-.06(35)

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

Operating Permit Summary No. 6.

Emission Unit(s):

Woodworking Operations with Baghouse(s)
and Cyclone(s) (BLD 2)

Description:

Woodworking operations with baghouse(s)
and cyclone(s).

Type and quantity of fuel used:

Primary: None

Secondary: None

Pollutants Emitted:

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

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p><i>Section 1--Applicability</i></p> <ol style="list-style-type: none"> 1. This unit is subject to the opacity emission rate limits. 2. This unit is subject to the particulate emission rate limits for Process Industries - General sources. 	<p>ADEM Admin. Code R. 335-3-4-.01</p> <p>ADEM Admin. Code R. 335-3-4-.04</p>
<p><i>Section 2--Emission Standards</i></p> <ol style="list-style-type: none"> 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: 2. 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. 	<p>ADEM Admin. Code R. 335-3-4-.01</p> <p>ADEM Admin. Code R. 335-3-4-.04</p>
<p><i>Section 3--Compliance and Performance Test Methods and Procedures</i></p> <ol style="list-style-type: none"> 1. Method 9 as defined in 40 CFR 60, Appendix A shall be used in the determination of the opacity of the stack emissions. 2. Method 5 as defined in 40 CFR 60, Appendix A shall be used in the determination of particulate emissions from the stack. 	<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"> 1. When operating, the baghouse(s) magnahelic manometer shall be visually observed a minimum of once weekly for greater than normal reading as determined by previous observations. In Kith Kitchens Renewal Application, a reading of 4.5 inches of water or 	<p>ADEM Admin. Code R.335-3-16-.05(3)(a)2</p>

Federally Enforceable Provisos**Regulations**

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| less and 1.0 inches of water or more is recommended. | |
| 2. Whenever magnahelic manometer readings are out of range of normal operation, corrective action to minimize emissions shall be taken within 24 hours, followed by an additional observation to confirm that readings are returned to normal. | ADEM Admin. Code
R.335-3-16-.05(3)(a)2 |
| 3. The baghouse(s) shall be inspected for proper operation and cleaned at least annually and whenever magnahelic manometer readings are greater than normal. | ADEM Admin. Code
R.335-3-16-.05(3)(a)2 |

Section 5--Recordkeeping and Reporting Requirements

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| 1. A log book of the magnahelic manometer readings required in proviso 4.1 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. | ADEM Admin. Code
R. 335-3-1-.04 |
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Operating Permit Summary No. 7.

Emission Unit(s): Surface Coating Line #4

Description: Surface Coating Line #4 with stain booths, basecoat booths, topcoat booths, and oven.

Type and quantity of fuel used:

Primary: None

Secondary: None

Pollutants Emitted:

Pollutant	Regulatory Emission Limit	Applicable Standard
VOCs	39 TONS OF VOC PER ROLLING 12 MONTH PERIOD	SYNTHETIC MINOR PSD
HAPs	1.0 LB VHAPs/POUND SOLIDS AT THE APPLICATOR FOR ALL COATINGS	MACT

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p><i>Section 1--Applicability</i></p> <ol style="list-style-type: none"> 1. This source is subject to a PSD synthetic minor emission limitation. 2. This source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions from Wood Furniture Manufacturing Operations (40 CFR Part 63, Subpart JJ) as an "Existing Source" and to 40 CFR Part 63, General Provisos as per Table 1 in Subpart JJ. 	<p>ADEM Admin. Code R. 335-3-14-.04</p> <p>ADEM Admin. Code R. 335-3-11-.06(35)</p>
<p><i>Section 2--Emission Standards</i></p> <ol style="list-style-type: none"> 1. Emission of Volatile Organic Compounds (VOCs) from this unit (Line No. 4) from all surface coating operations including, but not limited to coating, storage, cleanup, etc., shall not exceed 39.0 tons per year (TPY) in any consecutive rolling 12-month period based on the premise that all VOCs applied are emitted. 2. In accordance with 40 CFR Part 63, Subpart JJ, this facility shall not emit greater than 1.0 pound of VHAPs per pound of solids as delivered to the applicator for all coatings as determined by a monthly average among other requirements. 	<p>ADEM Admin. Code R. 335-3-14-.04(8)</p> <p>ADEM Admin. Code R. 335-3-11-.06(35)</p>
<p><i>Section 3--Compliance and Performance Test Methods and Procedures</i></p> <ol style="list-style-type: none"> 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. 	<p>ADEM Admin. Code R. 335-3-11-.06(35)</p>

Federally Enforceable Provisos	Regulations
<p>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.</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"> (a) The type, quantity in gallons, and weight in pounds of each VOC or HAP containing material used during each calendar month. (b) The percent by weight of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month. (c) The percent by volume of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month. (d) Compliance with VOC and VHAP limits shall be based upon monthly material use 	<p>ADEM Admin. Code R. 335-3-1-.04</p>

Federally Enforceable Provisos**Regulations**

inventories. 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.

- (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.
- (f) The amount of VOCs emitted per calendar month from the coating and cleaning operations in units of pounds and tons
- (g) The rolling 12-month total of VOCs emitted from the coating and cleaning operations in units of pounds and tons.

2. This facility shall maintain records as required in 40 CFR Part §63.800 through §63.808. This record-keeping concerns Subpart JJ--NESHAPs for Wood Furniture Manufacturing Operations. This facility shall maintain and submit records to include 40 CFR Part §63.804(a)(1), §63.804(b), §63.804(c)(1), §63.804(f)(1-4,5,7,8), §63.804(g)(1-3,5,7,8), §63.806(a), §63.806(b), §63.806(c), §63.806(d), §63.806(e), §63.806(h), §63.806(i), §63.806(j), §63.807(a), §63.807(b), §63.807(c), §63.807(d), §63.807(e), among other requirements.

3. A report summarizing the information in proviso 5.1 and 5.2 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.

ADEM Admin. Code
R. 335-3-11-.06(35)

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

Operating Permit Summary No. 8.

Emission Unit(s): Building No. 3 Woodworking Operations
with Baghouse(s)

Description: Woodworking operations with baghouse(s).

Type and quantity of fuel used:

Primary: None

Secondary: None

Pollutants Emitted:

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

Unit Specific Provisos

Federally Enforceable 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 unit is subject to the particulate emission rate limits for Process Industries - General sources.	ADEM Admin. Code R. 335-3-4-.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
2. 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
<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
2. Method 5 as defined in 40 CFR 60, Appendix A shall be used in the determination of particulate emissions from the stack.	ADEM Admin. Code R. 335-3-1-.05
<i>Section 4--Emission Monitoring</i>	
1. When operating, the baghouse(s) magnahelic manometer shall be visually observed a minimum of once weekly for greater than normal reading as	ADEM Admin. Code R.335-3-16-.05(3)(a)2

Federally Enforceable Provisos	Regulations
determined by previous observations. In Kith Kitchens Renewal Application, a reading of 4.5 inches of water or less and 1.0 inches of water or more is recommended.	
2. Whenever magnahelic manometer readings are out of range of normal operation, corrective action to minimize emissions shall be taken within 24 hours, followed by an additional observation to confirm that readings are returned to normal.	ADEM Admin. Code R.335-3-16-.05(3)(a)2
3. The baghouse(s) shall be inspected for proper operation and cleaned at least annually and whenever magnahelic manometer readings are greater than normal.	ADEM Admin. Code R.335-3-16-.05(3)(a)2
<i>Section 5--Recordkeeping and Reporting Requirements</i>	
1. A log book of the magnahelic manometer readings required in proviso 4.1 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.	ADEM Admin. Code R. 335-3-1-.04

Operating Permit Summary No. 9.

Emission Unit(s): Building No. 4 Woodworking Operations
with Baghouse(s)

Description: Woodworking operations with baghouse(s).

Type and quantity of fuel used:

Primary: None

Secondary: None

Pollutants Emitted:

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

Unit Specific Provisos

Federally Enforceable 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 unit is subject to the particulate emission rate limits for Process Industries - General sources.	ADEM Admin. Code R. 335-3-4-.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
2. 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
<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
2. Method 5 as defined in 40 CFR 60, Appendix A shall be used in the determination of particulate emissions from the stack.	ADEM Admin. Code R. 335-3-1-.05
<i>Section 4--Emission Monitoring</i>	
1. When operating, the baghouse(s) magnahelic manometer shall be visually observed a minimum of once weekly for greater than normal reading as	ADEM Admin. Code R.335-3-16-.05(3)(a)2

Federally Enforceable Provisos	Regulations
determined by previous observations. In Kith Kitchens Renewal Application, a reading of 4.5 inches of water or less and 1.0 inches of water or more is recommended.	
2. Whenever magnahelic manometer readings are out of range of normal operation, corrective action to minimize emissions shall be taken within 24 hours, followed by an additional observation to confirm that readings are returned to normal.	ADEM Admin. Code R.335-3-16-.05(3)(a)2
3. The baghouse(s) shall be inspected for proper operation and cleaned at least annually and whenever magnahelic manometer readings are greater than normal.	ADEM Admin. Code R.335-3-16-.05(3)(a)2
<i>Section 5--Recordkeeping and Reporting Requirements</i>	
1. A log book of the magnahelic manometer readings required in proviso 4.1 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.	ADEM Admin. Code R. 335-3-1-.04.

Operating Permit Summary No. 10.

Emission Unit(s):

Building No. DC6 Woodworking Operations
with Baghouse(s)

Description:

Woodworking operations with baghouse(s).

Type and quantity of fuel used:

Primary:

None

Secondary:

None

Pollutants Emitted:

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

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p style="text-align: center;"><i>Section 1--Applicability</i></p> <ol style="list-style-type: none"> This unit is subject to the opacity emission rate limits. This unit is subject to the particulate emission rate limits for Process Industries - General sources. 	
<p><i>Section 2--Emission Standards</i></p> <ol style="list-style-type: none"> 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. 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. 	
<p><i>Section 3--Compliance and Performance Test Methods and Procedures</i></p> <ol style="list-style-type: none"> Method 9 as defined in 40 CFR 60, Appendix A shall be used in the determination of the opacity of the stack emissions. Method 5 as defined in 40 CFR 60, Appendix A shall be used in the determination of particulate emissions from the stack. 	
<p><i>Section 4--Emission Monitoring</i></p> <ol style="list-style-type: none"> When operating, the baghouse(s) manahelic manometer shall be visually observed a minimum of once weekly for greater than normal reading as determined by previous observations. In Kith Kitchens Renewal Application, a reading of 4.5 inches of water or 	

ADEM Admin. Code
R. 335-3-4-.01

ADEM Admin. Code
R. 335-3-4-.04

ADEM Admin. Code
R. 335-3-4-.01

ADEM Admin. Code
R. 335-3-4-.04

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

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

ADEM Admin. Code
R.335-3-16-.05(3)(a)2

Federally Enforceable Provisos	Regulations
less and 1.0 inches of water or more is recommended.	
2. Whenever magnahelic manometer readings are out of range of normal operation, corrective action to minimize emissions shall be taken within 24 hours, followed by an additional observation to confirm that readings are returned to normal.	ADEM Admin. Code R.335-3-16-.05(3)(a)2
3. The baghouse(s) shall be inspected for proper operation and cleaned at least annually and whenever magnahelic manometer readings are greater than normal.	ADEM Admin. Code R.335-3-16-.05(3)(a)2
<i>Section 5--Recordkeeping and Reporting Requirements</i>	
1. A log book of the magnahelic manometer readings required in proviso 4.1 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.	ADEM Admin. Code R. 335-3-1-.04

Operating Permit Summary No. 11.

Emission Unit(s):

Surface Coating Line #5

Description:

Surface Coating Line #5 with stain booths, basecoat booths, topcoat booths, and oven.

Type and quantity of fuel used:

Primary:

None

Secondary:

None

Pollutants Emitted:

Pollutant	Regulatory Emission Limit	Applicable Standard
VOCs	39 TONS OF VOC PER ROLLING 12 MONTH PERIOD	SYNTHETIC MINOR PSD
HAPs	1.0 LB VHAPs/POUND SOLIDS AT THE APPLICATOR FOR ALL COATINGS	MACT

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<i>Section 1--Applicability</i>	
1. This source is subject to a PSD synthetic minor emission limitation.	ADEM Admin. Code R. 335-3-14-.04
2. This source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Hazardous Air Pollutant (HAP) Emissions from Wood Furniture Manufacturing Operations (40 CFR Part 63, Subpart JJ) as an "Existing Source" and to 40 CFR Part 63, General Provisos as per Table 1 in Subpart JJ.	ADEM Admin. Code R. 335-3-11-.06(35)
<i>Section 2--Emission Standards</i>	
1. Emission of Volatile Organic Compounds (VOCs) from this unit (Line No. 5) from all surface coating operations including, but not limited to coating, storage, cleanup, etc., shall not exceed 39.0 tons per year (TPY) in any consecutive rolling 12-month period based on the premise that all VOCs applied are emitted.	ADEM Admin. Code R. 335-3-14-.04(8)
2. In accordance with 40 CFR Part 63, Subpart JJ, this facility shall not emit greater than 1.0 pound of VHAPs per pound of solids as delivered to the applicator for all coatings as determined by a monthly average among other requirements.	ADEM Admin. Code R. 335-3-11-.06(35)
<i>Section 3--Compliance and Performance Test Methods and Procedures</i>	
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.	ADEM Admin. Code R. 335-3-11-.06(35)

Federally Enforceable Provisos	Regulations
<p>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.</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"> (a) The type, quantity in gallons, and weight in pounds of each VOC or HAP containing material used during each calendar month. (b) The percent by weight of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month. (c) The percent by volume of VOCs, water, solids, VHAPs, and exempt VOC compounds content of each VOC containing material used each calendar month. (d) Compliance with VOC and VHAP limits shall be based upon monthly material use 	<p>ADEM Admin. Code R. 335-3-1-.04</p>

Federally Enforceable Provisos	Regulations
inventories. 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.	
(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.	
(f) The amount of VOCs emitted per calendar month from the coating and cleaning operations in units of pounds and tons	
(g) The rolling 12-month total of VOCs emitted from the coating and cleaning operations in units of pounds and tons.	
2. This facility shall maintain records as required in 40 CFR Part §63.800 through §63.808. This record-keeping concerns Subpart JJ--NESHAPs for Wood Furniture Manufacturing Operations. This facility shall maintain and submit records to include 40 CFR Part §63.804(a)(1), §63.804(b), §63.804(c)(1), §63.804(f)(1-4,5,7,8), §63.804(g)(1-3,5,7,8), §63.806(a), §63.806(b), §63.806(c), §63.806(d), §63.806(e), §63.806(h), §63.806(i), §63.806(j), §63.807(a), §63.807(b), §63.807(c), §63.807(d), §63.807(e), among other requirements.	ADEM Admin. Code R. 335-3-11-.06(35)
3. A report summarizing the information in proviso 5.1 and 5.2 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.	ADEM Admin. Code R. 335-3-1-.04

Operating Permit Summary No. 12.

Emission Unit(s): Building No. DC7 Woodworking Operations
with Cyclone(s)

Description: Woodworking operations with Cyclone(s).

Type and quantity of fuel used:

Primary: None

Secondary: None

Pollutants Emitted:

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

Unit Specific Provisos

Federally Enforceable 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 unit is subject to the particulate emission rate limits for Process Industries - General sources.	ADEM Admin. Code R. 335-3-4-.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
2. 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
<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
2. Method 5 as defined in 40 CFR 60, Appendix A shall be used in the determination of particulate emissions from the stack.	ADEM Admin. Code R. 335-3-1-.05
<i>Section 4--Emission Monitoring</i>	
1. When operating, the cyclone(s) magnahelic manometer	ADEM Admin. Code

Federally Enforceable Provisos	Regulations
<p>shall be visually observed a minimum of once weekly for greater than normal reading as determined by previous observations. In Kith Kichens Renewal Application, a reading of 4.5 inches of water or less and 1.0 inches of water or more is recommended.</p>	R.335-3-16-.05(3)(a)2
<p>2. Whenever magnahelic manometer readings are out of range of normal operation, corrective action to minimize emissions shall be taken within 24 hours, followed by an additional observation to confirm that readings are returned to normal.</p>	<p>ADEM Admin. Code R.335-3-16-.05(3)(a)2</p>
<p>3. The cyclone(s) shall be inspected for proper operation and cleaned at least annually and whenever magnahelic manometer readings are greater than normal.</p>	<p>ADEM Admin. Code R.335-3-16-.05(3)(a)2</p>
<p><i>Section 5--Recordkeeping and Reporting Requirements</i></p>	
<p>1. A log book of the magnahelic manometer readings required in proviso 4.1 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.</p>	<p>ADEM Admin. Code R. 335-3-1-.04</p>

Operating Permit Summary No. 020

Emission Unit(s):

GENERATOR

Designation No(s). in Application:

Description:

CUMMINGS (77 HP, 50 KW, NATURAL GAS).

Permitted Operating Schedule:

24 hr/day x 365 days/yr. = 8760 hr/yr.

Type and quantity of fuel used:

Primary: NATURAL GAS

Secondary:

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	10.0 G/HP-HR	NSPS-JJJJ
CO	387.0 G/HP-HR	NSPS-JJJJ

Unit Specific Provisos

Federally Enforceable 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 63.6645(f), this source must submit an initial notification to this Department, which has been completed.	ADEM Admin. Code R. 335-3-11-.06(103)
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)
<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

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| <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(b). 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
R. 335-3-11-.06(103)</p> |
| <p>3. The Emergency stationary SI RICE unit(s) shall:</p> <ul style="list-style-type: none"> a. not emit more than 10.0 NO_x g/HP-hr. b. not emit more than 387.0 CO g/HP-hr. | <p>ADEM Admin. Code
R. 335-3-11-.06(103)</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
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
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
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
R. 335-3-1-.05</p> |

Section 4--Emission Monitoring

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| <p>5. NONE</p> | |
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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. The following federal requirements apply to these unit(s) as specified in 40 CFR 60.4243, listed here in part.

ADEM Admin. Code
R. 335-3-11-.06(103)

ADEM Admin. Code
R. 335-3-11-.06(103)

d) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (d)(1) through (3) 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 (d)(1) through (3) of this section, is prohibited.

(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 (d)(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 (d)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (d)(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.

3. Within the first 30 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. 335-3-11-.06(103)

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