

MAJOR SOURCE OPERATING PERMIT

PERMITTEE: Essity Professional Hygiene North America, LLC
FACILITY NAME: Essity Professional Hygiene North America, LLC
FACILITY/PERMIT NO.: 701-0055
LOCATION: CHEROKEE, 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: DRAFT
Effective Date: DRAFT
Expiration Date: DRAFT

TABLE OF CONTENTS

GENERAL PERMIT PROVISOS.....	0.4
NO. 1 PACKAGE BOILER WITH ECONOMIZER	1.1
1. <i>Applicability</i>	<i>1.2</i>
2. <i>Emission Standards</i>	<i>1.2</i>
3. <i>Compliance and Performance Test Methods and Procedures</i>	<i>1.3</i>
4. <i>Emission Monitoring</i>	<i>1.3</i>
5. <i>Recordkeeping and Reporting Requirements</i>	<i>1.3</i>
NO. 2 PACKAGE BOILER WITH ECONOMIZER	2.1
1. <i>Applicability</i>	<i>2.2</i>
2. <i>Emission Standards</i>	<i>2.2</i>
3. <i>Compliance and Performance Test Methods and Procedures</i>	<i>2.3</i>
4. <i>Emission Monitoring</i>	<i>2.3</i>
5. <i>Recordkeeping and Reporting Requirements</i>	<i>2.3</i>
DE-INK LINE 12, PAPER MACHINE 12, AND CONVERTING OPERATIONS	3.1
1. <i>Applicability</i>	<i>3.2</i>
2. <i>Emission Standards</i>	<i>3.2</i>
3. <i>Compliance and Performance Test Methods and Procedures</i>	<i>3.2</i>
4. <i>Emission Monitoring</i>	<i>3.3</i>
5. <i>Recordkeeping and Reporting Requirements</i>	<i>3.3</i>
NO. 1 AIR CAP DRYER	4.1
1. <i>Applicability</i>	<i>4.2</i>
2. <i>Emission Standards</i>	<i>4.2</i>
3. <i>Compliance and Performance Test Methods and Procedures</i>	<i>4.2</i>
4. <i>Emission Monitoring</i>	<i>4.3</i>
5. <i>Recordkeeping and Reporting Requirements</i>	<i>4.3</i>
DE-INK LINE 14 AND PAPER MACHINE 14	5.1
1. <i>Applicability</i>	<i>5.2</i>

2. <i>Emission Standards</i>	5.2
3. <i>Compliance and Performance Test Methods and Procedures</i>	5.2
4. <i>Emission Monitoring</i>	5.3
5. <i>Recordkeeping and Reporting Requirements</i>	5.3
NO. 2 AIR CAP DRYER	6.1
1. <i>Applicability</i>	6.2
2. <i>Emission Standards</i>	6.2
3. <i>Compliance and Performance Test Methods and Procedures</i>	6.2
4. <i>Emission Monitoring</i>	6.3
5. <i>Recordkeeping and Reporting Requirements</i>	6.3
EMERGENCY FIRE PUMP	7.1
1. <i>Applicability</i>	7.2
2. <i>Emission Standards</i>	7.2
3. <i>Compliance and Performance Test Methods and Procedures</i>	7.2
4. <i>Emission Monitoring</i>	7.3
5. <i>Recordkeeping and Reporting Requirements</i>	7.4
FUGITIVE DUST PLAN	8.1
1. <i>Applicability</i>	8.2
2. <i>Emission Standards</i>	8.2
3. <i>Compliance and Performance Test Methods and Procedures</i>	8.2
4. <i>Emission Monitoring</i>	8.2
5. <i>Recordkeeping and Reporting Requirements</i>	8.2
FUGITIVE DUST PLAN	APPENDIX A

General Permit Provisos

Federally Enforceable Provisos	Regulations
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. 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. 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. 4. <u>Compliance</u> (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. (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. 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. 6. <u>Property Rights</u>	Rule 335-3-16-.02(6) Rule 335-3-16-.12(2) Rule 335-3-16-.05(e) Rule 335-3-16-.05(f) Rule 335-3-16-.05(g) Rule 335-3-16-.05(h)

General Permit Provisos

Federally Enforceable Provisos	Regulations
The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.	Rule 335-3-16-.05(i)
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.	Rule 335-3-16-.05(j)
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.	Rule 335-3-16-.05(k)
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.	Rule 335-3-16-.07(a)
10. <u>Inspection and Entry</u> 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: (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;	Rule 335-3-16-.07(b)

General Permit Provisos

Federally Enforceable Provisos	Regulations
(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements. 11. <u>Compliance Provisions</u> (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. 12. <u>Compliance Certification</u> A compliance certification shall be submitted annually by August 30th. (a) The compliance certification shall include the following: (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); (4) Whether compliance has been continuous or intermittent; (5) Such other facts as the Department may require to determine the compliance status of the source; (b) The compliance certification shall be submitted to: EPA through the Compliance and Emissions Data Reporting Interface (CEDRI) located on EPA's Central Data Exchange (CDX) and to: Alabama Department of Environmental Management Air Division P.O. Box 301463 Montgomery, AL 36130-1463 13. <u>Reopening for Cause</u> Under any of the following circumstances, this permit will be reopened prior to the expiration of the permit:	Rule 335-3-16-.07(c) Rule 335-3-16-.07(e) Rule 335-3-16-.13(5)

General Permit Provisos

Federally Enforceable Provisos	Regulations
(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. (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. (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. (d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements.	
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.	§22-28-16(d), Code of Alabama 1975, as amended
15. <u>Equipment Maintenance or Breakdown</u> (a) In the case of shutdown for more than one (1) hour 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: (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;	Rule 335-3-1-.07(1), (2)

General Permit Provisos

Federally Enforceable Provisos	Regulations
(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. (b) In the event that there is a breakdown of equipment or upset of process for a period exceeding one (1) hour 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.	
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.	§22-28-16(d), Code of Alabama 1975, as amended
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.	Rule 335-3-1-.08
18. <u>Fugitive Dust</u> (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: (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;	Rule 335-3-4-.02

General Permit Provisos

Federally Enforceable Provisos	Regulations
(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. 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.	
19. <u>Additions and Revisions</u> Any modifications to this source shall comply with the modification procedures in Rules 335-3-16-.13 or 335-3-16-.14.	Rule 335-3-16-.13 and .14
20. <u>Recordkeeping Requirements</u> (a) Records of required monitoring information of the source shall include the following: (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. Off-site records may be maintained if they are retrievable within 4 hours. Either paper copy or electronic formats are acceptable. (c) The Permittee shall conduct monitoring in accordance with the specific provisions of the permit, provided that no monitoring is required when the process or emission source is not operating.	Rule 335-3-16-.05(c)2.

General Permit Provisos

Federally Enforceable Provisos	Regulations
21. <u>Reporting Requirements</u> (a) Reports to the Department of any required monitoring shall be annually on March 1st and August 30th. 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 days 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. 22. <u>Emission Testing Requirements</u> 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. As allowed in MACT and other regulations, flexibility is provided to use alternative test methods, as approved by EPA, ADEM or permit condition. 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. To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter: (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 procedures require probe cleaning). (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.	Rule 335-3-16-.05(c)3. Rule 335-3-1-.05(3) and Rule 335-3-1-.04(1) Rule 335-3-1-.04

General Permit Provisos

Federally Enforceable Provisos	Regulations
(4) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances. 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. 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 or an alternative time is specified by an applicable regulation. 23. <u>Payment of Emission Fees</u> Annual emission fees shall be remitted each year according to the fee schedule in ADEM Admin. Code R. 335-1-7-.04. 24. <u>Other Reporting and Testing Requirements</u> 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. 25. <u>Title VI Requirements (Refrigerants)</u> 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. 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. 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. 26. <u>Chemical Accidental Prevention Provisions</u> 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: (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:	Rule 335-3-1-.04 Rule 335-1-7-.04 Rule 335-3-1-.04(1) 40 CFR Part 82 40 CFR Part 68

General Permit Provisos

Federally Enforceable Provisos	Regulations
(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.	
27. <u>Display of Permit</u> 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.	Rule 335-3-14-.01(1)(d)
28. <u>Circumvention</u> 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.	Rule 335-3-1-.10
29. <u>Visible Emissions</u> 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.	Rule 335-3-4-.01(1)
30. <u>Fuel-Burning Equipment</u> (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. (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.	Rule 335-3-4-.03 Rule 335-3-5-.01
31. <u>Process Industries – General</u> 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
32. <u>Averaging Time for Emission Limits</u>	

General Permit Provisos

Federally Enforceable Provisos	Regulations
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
33. Permit Shield A permit shield exists under this operating permit in accordance with ADEM Administrative Code R. 335-3-16-.10 in that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance. The permit shield is based on the accuracy of the information supplied in the application for this permit. Under this shield, it has been determined that requirements listed as non-applicable in such section are not applicable to this source.	Rule 335-3-16-.10

No. 1 Package Boiler Informational Summary

Description: No. 1 Package Boiler & Economizer

Emission Unit No: X003

Installation Date: Boiler - March 2004 **Reconstruction / Modification date:** NA
Economizer - May 2012

Operating Capacity: 99.3 MMBtu/hr

Operating Schedule: 8760 hours/year.

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:
40 CFR Part 60 Subpart Dc

Pollutants Emitted

Emission Point #	Point Description	Pollutant	Emission Limit	Standard
7, 7b	No. 1 Package Boiler	PM	18.12 lb/hr and 0.1825 lb/MMBtu	335-3-4.04
7, 7b	No. 1 Package Boiler	SO ₂	4.0 lb/MMBtu and 13.74 lb/hr and 220 tpy (facility wide)	335-3-5-.01 335-3-14-.04
7, 7b	No. 1 Package Boiler	NO _x	Natural Gas: 9.95 lb/hr Propane: 20.85 lb/hr	335-3-14-.04
7, 7b	No. 1 Package Boiler	Opacity	<20%	335-3-4-.01

Permitted Fuels

Fuel	Max % Sulfur	Max % Ash
Natural Gas	NA	NA
Propane	NA	NA

No. 1 Package Boiler Provisos

Federally Enforceable Provisos	Regulations
<i>Applicability</i>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, "Major Source Operating Permits".	Rule 335-3-16-.03
2. This source is subject to prevention of significant deterioration synthetic minor limits for sulfur dioxide and nitrogen oxides.	Rule 335-3-14-.04
3. This source is subject to the requirements of ADEM Admin. Code R. 335-3-4-.03 for particulate matter from Fuel Burning Equipment.	Rule 335-3-4-.03
4. This source is subject to the requirements of ADEM Admin. Code R. 335-3-5-.01 (1)(b) for sulfur dioxide	Rule 335-3-5-.01 (1) (b)
5. This source is subject to the requirements of ADEM Admin. Code R. 335-3-10-.02 (2)(c).	Rule 335-3-10-.02 (2)(c)
6. This source is subject to the requirements of ADEM Admin. Code R. 335-3-4-.01 for opacity.	Rule 335-3-4-.01
<i>Emission Standards</i>	
1. Opacity shall not exceed twenty percent (20%) as determined by six-minute average. During one six-minute period in any sixty minute period, this unit may discharge into the atmosphere from any source of emission, particulate of an opacity not greater than that designated as forty percent (40%).	Rule 335-3-4-.01
2. The particulate matter emissions shall not exceed the rate of 18.12 lbs/hr nor 0.1825 lb/MMBtu.	Rule 335-3-4-.04 (2)
3. The sulfur dioxide emissions shall not exceed 13.74 lbs/hr nor 4.0 lb/MMBtu. The facility wide SO ₂ emissions shall not exceed 220 tpy.	Rule 335-3-5-.01 Rule 335-3-14-.04
4. Nitrogen oxide emissions shall not exceed 9.95 lbs/hr when firing natural gas and 20.85 lbs/hr when firing propane.	Rule 335-3-14-.04
5. This facility shall not fire more than 5,000,000 (five million) gallons of propane per 12 month rolling period.	Rule 335-3-14-.04
6. This unit shall fire only natural gas or propane.	Rule 335-3-14-.04

No. 1 Package Boiler Provisos

Federally Enforceable Provisos	Regulations
<i>Compliance and Performance Test Methods and Procedures</i>	
1. Compliance with the particulate emission rates of this unit shall be determined by Reference Method 5 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
2. Compliance with the opacity standard for this unit shall be determined by Reference Method 9 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
3. Compliance with the sulfur dioxide standard for this unit shall be determined by Reference Method 6 or 6C in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
4. Compliance with the nitrogen oxide standard for this unit shall be determined by Reference Method 7 or 7E in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
<i>Emission Monitoring</i>	
1. This source is subject to no additional specific requirements other than those listed in the General Permit Provisos.	
<i>Recordkeeping and Reporting Requirements</i>	
1. Records of the amount of propane fired per 12 month rolling period shall be recorded and maintained on file available for inspection for at least five years.	Rule 335-3-14-.04
2. Records of monthly fuel usage shall be kept in a permanent form suitable for inspection and shall be retained for a period of at least five (5) years from the date of generation.	Rule 335-3-10-.02 (2)(c)

No. 2 Package Boiler Informational Summary

Description: No. 2 Package Boiler & Economizer

Emission Unit No: X004

Installation Date: Boiler - June 2008 **Reconstruction / Modification date:** NA
Economizer - May 2012

Operating Capacity: 89.4 MMBtu/hr

Operating Schedule: 8760 hours/year.

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:
40 CFR Part 60 Subpart Dc

Pollutants Emitted

Emission Point #	Point Description	Pollutant	Emission Limit	Standard
7a, 7b	No. 2 Package Boiler	PM	17.09 lb/hr and 0.1911 lb/MMBtu	335-3-4.04
7a, 7b	No. 2 Package Boiler	SO ₂	4.0 lb/MMBtu and 12.37 lb/hr and 220 tpy (facility wide)	335-3-5-.01 335-3-14-.04
7a, 7b	No. 2 Package Boiler	NO _x	Natural Gas: 8.96 lb/hr Propane: 18.77 lb/hr	335-3-14-.04
7a, 7b	No. 2 Package Boiler	Opacity	<20%	335-3-4-.01

Permitted Fuels

Fuel	Max % Sulfur	Max % Ash
Natural Gas	NA	NA
Propane	NA	NA

No. 2 Package Boiler Provisos

Federally Enforceable Provisos	Regulations
<i>Applicability</i>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, "Major Source Operating Permits".	Rule 335-3-16-.03
2. This source is subject to prevention of significant deterioration synthetic minor limits for sulfur dioxide and nitrogen oxides.	Rule 335-3-14-.04
3. This source is subject to the requirements of ADEM Admin. Code R. 335-3-4-.03 for particulate matter from Fuel Burning Equipment.	Rule 335-3-4-.03
4. This source is subject to the requirements of ADEM Admin. Code R. 335-3-5-.01 (1)(b) for sulfur dioxide	Rule 335-3-5-.01 (1)(b)
5. This source is subject to the requirements of ADEM Admin. Code R. 335-3-10-.02 (2)(c).	Rule 335-3-10-.02 (2)(c)
6. This source is subject to the requirements of ADEM Admin. Code R. 335-3-4-.01 for opacity.	Rule 335-3-4-.01
<i>Emission Standards</i>	
1. Opacity shall not exceed twenty percent (20%) as determined by six-minute average. During one six-minute period in any sixty minute period, this unit may discharge into the atmosphere from any source of emission, particulate of an opacity not greater than that designated as forty percent (40%).	Rule 335-3-4-.01
2. The particulate matter emissions shall not exceed the rate of 17.09 lbs/hr nor 0.1911 lb/MMBtu.	Rule 335-3-4-.04 (2)
3. The sulfur dioxide emissions shall not exceed 12.37 lbs/hr nor 4.0 lb/MMBtu. The facility wide SO ₂ emissions shall not exceed 220 tpy.	Rule 335-3-5-.01 Rule 335-3-14-.04
4. Nitrogen oxide emissions shall not exceed 8.96 lbs/hr when firing natural gas and 18.77 lbs/hr when firing propane.	Rule 335-3-14-.04
5. This facility shall not fire more than 5,000,000 (five million) gallons of propane per 12 month rolling period.	Rule 335-3-14-.04
6. This unit shall fire only natural gas or propane.	Rule 335-3-14-.04

No. 2 Package Boiler Provisos

Federally Enforceable Provisos	Regulations
<i>Compliance and Performance Test Methods and Procedures</i>	
1. Compliance with the particulate emission rates of this unit shall be determined by Reference Method 5 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
2. Compliance with the opacity standard for this unit shall be determined by Reference Method 9 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
3. Compliance with the sulfur dioxide standard for this unit shall be determined by Reference Method 6 or 6C in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
4. Compliance with the nitrogen oxide standard for this unit shall be determined by Reference Method 7 or 7E in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
<i>Emission Monitoring</i>	
1. This source is subject to no additional specific requirements other than those listed in the General Permit Provisos.	
<i>Recordkeeping and Reporting Requirements</i>	
1. Records of the amount of propane fired per 12 month rolling period shall be recorded and maintained on file available for inspection for at least five years.	Rule 335-3-14-.04
2. Records of monthly fuel usage shall be kept in a permanent form suitable for inspection and shall be retained for a period of at least five (5) years from the date of generation.	Rule 335-3-10-.02 (2)(c)

De-Ink Line 12, Paper Machine 12, and Converting Operations Informational Summary

Description: De-Ink Line 12, Paper Machine 12, and Converting Operations

Emission Unit No: X001

Installation Date: March 2004 **Reconstruction / Modification date:** NA

Operating Capacity: 37,500 dry lb/hr

Operating Schedule: 8760 hours/year.

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:
N/A

Pollutants Emitted

Emission Point #	Point Description	Pollutant	Emission Limit	Standard
21 - 29, 29A, 29B, 37 – 50, 38a - 49a, 63, 64	Paper Machines, De-Ink Line, and Converting	PM	$E = 3.59P^{0.62}$	335-3-4-.04
21 - 29, 29A, 29B, 37 – 50, 38a - 49a, 63, 64	Paper Machines, De-Ink Line, and Converting	Opacity	<20%	335-3-4-.01
6, 11a - 11h, 12 - 15, 20 - 29, 29A, 29B, 37 – 50, 38a - 49a, 63, 64	Paper Machines, De-Ink Line, and Converting	VOC	235 tons/yr*	335-3-14-.04

* The 235 TPY VOC PSD Avoidance limit applies to all operations at the facility, excluding VOC emissions from combustion sources

De-Ink Line 12, Paper Machine 12, and Converting Operations Provisos

Federally Enforceable Provisos	Regulations
<i>Applicability</i>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, "Major Source Operating Permits".	Rule 335-3-16-.03
2. This unit has accepted limits for VOCs to remain minor with respect to the PSD significance threshold.	Rule 335-3-14-.04
<i>Emission Standards</i>	
1. Opacity shall not exceed twenty percent (20%) as determined by six-minute average. During one six-minute period in any sixty minute period, this unit may discharge into the atmosphere from any source of emission, particulate of an opacity not greater than that designated as forty percent (40%).	Rule 335-3-4-.01
2. Such that the major source threshold for the Prevention of Significant Deterioration (PSD) regulations shall not be exceeded, emissions of Volatile Organic Compounds (VOCs) from all plant operations including, but not limited to coating, storage, cleanup, etc., shall not exceed 235 tons in any consecutive rolling 12-month period based on the premise that all VOCs applied are emitted. If the emissions of VOCs exceed these limits, the Air Division shall be notified within 10 days of the exceedance. <i>Note: VOC emissions from combustion sources are excluded from the 235 TPY VOC emission limitation.</i>	Rule 335-3-14-.04
3. The particulate matter emissions from emission points 21-29, 29A, 29B, 37 – 50 & 38a – 49a shall not exceed the maximum emission rate in pounds per hour of $3.59 \times (\text{process rate in tons per hour})^{0.62}$.	Rule 335-3-4-.04 (1)
<i>Compliance and Performance Test Methods and Procedures</i>	
1. Compliance with the particulate emission rates of this unit shall be determined by Reference Method 5 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
2. Compliance with the opacity standard for this unit shall be determined by Reference Method 9 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
3. Compliance with the volatile organic compound emission rates of this unit shall be determined by Reference Method 24 or Method 18 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)

De-Ink Line 12, Paper Machine 12, and Converting Operations Provisos

Federally Enforceable Provisos	Regulations
<i>Emission Monitoring</i> 1. This source is subject to no additional specific requirements other than those listed in the General Permit Provisos. <i>Recordkeeping and Reporting Requirements</i> 1. Accurate and understandable records of consumption, which records at least the last two 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 its air permit. These records shall contain the following: 1. The type, quantity in gallons, and weight in pounds, of each VOC containing materials used each calendar month. 2. The percent by weight of VOCs, of each VOC containing material used each calendar month. The VOC content may be determined from vendor supplied certificates of analysis, or chemical composition represented on vendor supplied Material Safety Data Sheets (MSDS). In the event that EPA Method 24 is used to determine the VOC content of a particular chemical, then the record will contain the percent by weight of solids, water, and the exempt VOC compounds content of the VOC containing material. 3. Complete inventories of VOC containing materials (their usage and VOC content) shall be made at the end of each calendar month. Compliance with VOC limits shall be based upon these monthly materials use inventories. Emissions may be adjusted for VOC content of material removed from the plant as waste or returns if the record-keeping and details surrounding the materials are approved in advance. 4. The amount of VOCs emitted each calendar month expressed in the units of pounds and tons. 5. The rolling 12-month total of VOCs emitted in the units of pounds and tons. A Report summarizing the above information shall be submitted for each calendar quarter by the 15th day of the month following the end of the quarter, in a format approved by the Department in advance, beginning with the first quarter following start-up of the facility.	Rule 335-3-14-.04

No. 1 Air Cap Dryer Informational Summary

Description: 57.5 MMBtu/hr Air Cap Dryer

Emission Unit No: X005

Installation Date: March 2004 **Reconstruction / Modification date:** NA

Operating Capacity: 37,500 dry lb/hr

Operating Schedule: 8760 hours/year.

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:
N/A

Pollutants Emitted

Emission Point #	Point Description	Pollutant	Emission Limit	Standard
014	No. 1 Air Cap Dryer	PM	13.34 lb/hr and 0.232 lb/MMBtu	335-3-4-.03
014	No. 1 Air Cap Dryer	SO ₂	4.0 lb/MMBtu and 7.95 lb/hr and 220 tpy (facility wide)	335-3-5-.01 335-3-14-.04
014	No. 1 Air Cap Dryer	NO _x	Firing: (1) natural gas: 11.52 lb/hr (2) propane: 21.8 lb/hr	335-3-14-.04
014	No. 1 Air Cap Dryer	Opacity	<20%	335-3-4-.01

Permitted Fuels

Fuel	Max % Sulfur	Max % Ash
Natural Gas	NA	NA
Propane	NA	NA

No. 1 Air Cap Dryer Provisos

Federally Enforceable Provisos	Regulations
<i>Applicability</i>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, "Major Source Operating Permits".	Rule 335-3-16-.03
2. This source is subject to prevention of significant deterioration synthetic minor limits for sulfur dioxide and nitrogen oxides.	Rule 335-3-14-.04
3. This source is subject to the requirements of ADEM Admin. Code R. 335-3-4-.03 for particulate matter from Fuel Burning Equipment.	Rule 335-3-4-.03
4. This source is subject to the requirements of ADEM Admin. Code R. 335-3-5-.01 (1)(b) for sulfur dioxide	Rule 335-3-5-.01 (1)(b)
5. This source is subject to the requirements of ADEM Admin. Code R. 335-3-4-.01 for opacity.	Rule 335-3-4-.01
<i>Emission Standards</i>	
1. Opacity shall not exceed twenty percent (20%) as determined by six-minute average. During one six-minute period in any sixty minute period, this unit may discharge into the atmosphere from any source of emission, particulate of an opacity not greater than that designated as forty percent (40%).	Rule 335-3-4-.01
2. The particulate matter emissions from emission point 14 shall not exceeded the maximum emission rate of 0.232 lb/MMBTU and 13.34 lb/hr	Rule 335-3-4-.03
3. The nitrogen oxide emissions shall not exceed 11.52 lbs/hr when firing natural gas, and 21.8 lbs/hr when firing propane.	Rule 335-3-14-.04
4. The sulfur dioxide emissions shall not exceed 7.95 lbs/hr nor 4.0 lb/MMBtu. The facility wide SO ₂ emissions shall not exceed 220 tpy.	Rule 335-3-5-.01 Rule 335-3-14-.04
5. This facility shall not fire more than 5,000,000 (five million) gallons of propane per 12 month rolling period.	Rule 335-3-14-.04
6. This unit shall fire only natural gas or propane.	Rule 335-3-14-.04
<i>Compliance and Performance Test Methods and Procedures</i>	
1. Compliance with the particulate emission rates of this unit shall be determined by Reference Method 5 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
2. Compliance with the opacity standard for this unit shall be determined by Reference Method 9 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)

No. 1 Air Cap Dryer Provisos

Federally Enforceable Provisos	Regulations
3. Compliance with the sulfur dioxide standard for this unit shall be determined by Reference Method 6 or 6C in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
4. Compliance with the nitrogen oxide standard for this unit shall be determined by Reference Method 7 or 7E in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
<i>Emission Monitoring</i>	
1. This source is subject to no additional specific requirements other than those listed in the General Permit Provisos.	
<i>Recordkeeping and Reporting Requirements</i>	
1. Records of the amount of propane fired per 12 month rolling period shall be recorded and maintained on file available for inspection for at least five years.	Rule 335-3-14-.04

De-Ink Line 14 and Paper Machine 14 Informational Summary

Description: De-Ink Line 14 and Paper Machine 14

Emission Unit No: X007

Installation Date: June 2008

Reconstruction / Modification date: NA

Operating Capacity: 29,167 dry lb/hr

Operating Schedule: 8760 hours/year.

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:
N/A

Pollutants Emitted

Emission Point #	Point Description	Pollutant	Emission Limit	Standard
18a, 30h – 30s	Paper Machine14 & De-Ink Line 14	PM	$E = 3.59P^{0.62}$	335-3-4-.04
18a, 30h – 30s	Paper Machine14 & De-Ink Line 14	Opacity	<20%	335-3-4-.01
16, 16a, 17, 18, 30a – 30s,	Paper Machine14 & De-Ink Line 14	VOC	235 tons/yr*	335-3-14-.04

* The 235 TPY VOC PSD Avoidance limit applies to all operations at the facility, excluding VOC emissions from combustion sources.

De-Ink Line 14 and Paper Machine 14 Provisos

Federally Enforceable Provisos	Regulations
<i>Applicability</i>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, "Major Source Operating Permits".	Rule 335-3-16-.03
2. This unit has accepted limits for VOCs to remain minor with respect to the PSD significance threshold.	Rule 335-3-14-.04
<i>Emission Standards</i>	
1. Opacity shall not exceed twenty percent (20%) as determined by six-minute average. During one six-minute period in any sixty minute period, this unit may discharge into the atmosphere from any source of emission, particulate of an opacity not greater than that designated as forty percent (40%).	Rule 335-3-4-.01
2. Such that the major source threshold for the Prevention of Significant Deterioration (PSD) regulations shall not be exceeded, emissions of Volatile Organic Compounds (VOCs) from all plant operations including, but not limited to coating, storage, cleanup, etc., shall not exceed 235 tons in any consecutive rolling 12-month period based on the premise that all VOCs applied are emitted. If the emissions of VOCs exceed these limits, the Air Division shall be notified within 10 days of the exceedance. <i>Note: VOC emissions from combustion sources are excluded from the 235 TPY VOC emission limitation.</i>	Rule 335-3-14-.04
3. The particulate matter emissions from emission points 18a, 30 h – 30s shall not be exceeded the maximum emission rate in pounds per hour of $3.59 * (\text{process rate in tons per hour})^{0.62}$.	Rule 335-3-4-.04 (1)
<i>Compliance and Performance Test Methods and Procedures</i>	
1. Compliance with the particulate emission rates of this unit shall be determined by Reference Method 5 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
2. Compliance with the opacity standard for this unit shall be determined by Reference Method 9 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
3. Compliance with the volatile organic compound emission rates of this unit shall be determined by Reference Method 24 or Method 18 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)

De-Ink Line 14 and Paper Machine 14 Provisos

Federally Enforceable Provisos	Regulations
<i>Emission Monitoring</i> 1. This source is subject to no additional specific requirements other than those listed in the General Permit Provisos. <i>Recordkeeping and Reporting Requirements</i> 1. Accurate and understandable records of consumption, which records at least the last two 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 its air permit. These records shall contain the following: 1. The type, quantity in gallons, and weight in pounds, of each VOC containing materials used each calendar month. 2. The percent by weight of VOCs, of each VOC containing material used each calendar month. The VOC content may be determined from vendor supplied certificates of analysis, or chemical composition represented on vendor supplied Material Safety Data Sheets (MSDS). In the event that EPA Method 24 is used to determine the VOC content of a particular chemical, then the record will contain the percent by weight of solids, water, and the exempt VOC compounds content of the VOC containing material. 3. Complete inventories of VOC containing materials (their usage and VOC content) shall be made at the end of each calendar month. Compliance with VOC limits shall be based upon these monthly materials use inventories. Emissions may be adjusted for VOC content of material removed from the plant as waste or returns if the record-keeping and details surrounding the materials are approved in advance. 4. The amount of VOCs emitted each calendar month expressed in the units of pounds and tons. 5. The rolling 12-month total of VOCs emitted in the units of pounds and tons. A Report summarizing the above information shall be submitted for each calendar quarter by the 15th day of the month following the end of the quarter, in a format approved by the Department in advance, beginning with the first quarter following start-up of the facility.	Rule 335-3-14-.04

No. 2 Air Cap Dryer Informational Summary

Description: 57.5 MMBtu/hr Air Cap Dryer

Emission Unit No: X006

Installation Date: June 2008

Reconstruction / Modification date: NA

Operating Capacity: 26,667 dry lb/hr

Operating Schedule: 8760 hours/year.

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:
N/A

Pollutants Emitted

Emission Point #	Point Description	Pollutant	Emission Limit	Standard
019	No. 2 Air Cap Dryer	PM	13.34 lb/hr and 0.232 lb/MMBtu	335-3-4-.03
019	No. 2 Air Cap Dryer	SO ₂	4.0 lb/MMBtu and 7.95 lb/hr and 220 tpy (facility wide)	335-3-5-.01 335-3-14-.04
019	No. 2 Air Cap Dryer	NO _x	Firing: (1) natural gas: 11.52 lb/hr (2) propane: 21.8 lb/hr	335-3-14-.04
019	No. 2 Air Cap Dryer	Opacity	<20%	335-3-4-.01

Permitted Fuels

Fuel	Max % Sulfur	Max % Ash
Natural Gas	NA	NA
Propane	NA	NA

No. 2 Air Cap Dryer Provisos

Federally Enforceable Provisos	Regulations
<i>Applicability</i>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, "Major Source Operating Permits".	Rule 335-3-16-.03
2. This source is subject to prevention of significant deterioration synthetic minor limits for sulfur dioxide and nitrogen oxides.	Rule 335-3-14-.04
3. This source is subject to the requirements of ADEM Admin. Code R. 335-3-4-.03 for particulate matter from Fuel Burning Equipment.	Rule 335-3-4-.03
4. This source is subject to the requirements of ADEM Admin. Code R. 335-3-5-.01 (1)(b) for sulfur dioxide	Rule 335-3-5-.01 (1)(b)
5. This source is subject to the requirements of ADEM Admin. Code R. 335-3-4-.01 for opacity.	Rule 335-3-4-.01
<i>Emission Standards</i>	
1. Opacity shall not exceed twenty percent (20%) as determined by six-minute average. During one six-minute period in any sixty minute period, this unit may discharge into the atmosphere from any source of emission, particulate of an opacity not greater than that designated as forty percent (40%).	Rule 335-3-4-.01
2. The particulate matter emissions from emission point 19 shall not exceeded the maximum emission rate of 0.232 lb/MMBTU and 13.34 lb/hr.	Rule 335-3-4-.03
3. The nitrogen oxide emissions shall not exceed 11.52 lbs/hr when firing natural gas, and 21.8 lbs/hr when firing propane.	Rule 335-3-14-.04
4. The sulfur dioxide emissions shall not exceed 7.95 lbs/hr nor 4.0 lb/MMBtu. The facility wide SO ₂ emissions shall not exceed 220 tpy.	Rule 335-3-5-.01 Rule 335-3-14-.04
5. This facility shall not fire more than 5,000,000 (five million) gallons of propane per 12 month rolling period.	Rule 335-3-14-.04
6. This unit shall fire only natural gas or propane.	Rule 335-3-14-.04
<i>Compliance and Performance Test Methods and Procedures</i>	
1. Compliance with the particulate emission rates of this unit shall be determined by Reference Method 5 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
2. Compliance with the opacity standard for this unit shall be determined by Reference Method 9 in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)

No. 2 Air Cap Dryer Provisos

Federally Enforceable Provisos	Regulations
3. Compliance with the sulfur dioxide standard for this unit shall be determined by Reference Method 6 or 6C in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
4. Compliance with the nitrogen oxide standard for this unit shall be determined by Reference Method 7 or 7E in Appendix A of 40 CFR 60.	Rule 335-3-10-.03 (1)
<i>Emission Monitoring</i>	
1. This source is subject to no additional specific requirements other than those listed in the General Permit Provisos.	
<i>Recordkeeping and Reporting Requirements</i>	
1. Records of the amount of propane fired per 12 month rolling period shall be recorded and maintained on file available for inspection for at least five years.	Rule 335-3-14-.04

Emergency Fire Pump Informational Summary

Description: Emergency Fire Pump

Emission Unit	Installation Date	Reconstruction Modification Date		HP
Backup Fire Pump	March 1, 2003	NA		460

Operating Schedule: < 100/year for non-emergency conditions

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:
40 CFR Part 63 Subpart ZZZZ

Pollutants Emitted

Emission Point #	Point Description	Pollutant	Emission Limit	Standard
10	Emergency Fire Pump	Opacity	≤ 20% as determined by six-minute average, with one six-minute period up to 40% in any one-hour period.	Rule 335-3-4-.01
10	Emergency Fire Pump	HAPs	a. Change oil and filter every 500 hours of operation or annually, whichever comes first; b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	Rule 335-3-11-.06 (103)
10	Emergency Fire Pump	HAPs	Per 40 CFR 63.6640(f)(1) maintenance checks and readiness testing is limited to 100 hours per year and non-emergency use is limited to 50 hours per year, which count towards the 100 hours per year limit provided for maintenance and testing. There is no time limit on usage in emergency situations.	Rule 335-3-11-.06 (103)

Permitted Fuels

Fuel	Max % Sulfur	Max % Ash
No. 2 Fuel Oil	0.50	NA

Emergency Fire Pump Provisos

Federally Enforceable Provisos	Regulations
<i>Applicability</i>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, "Major Source Operating Permits".	Rule 335-3-16-.03
2. This source is subject to the requirements of ADEM Admin. Code 335-3-4-.01 for opacity.	Rule 335-3-4-.01
3. This source is subject to the requirements of National Emission Standards for Hazardous Pollutants General Provisions as provided for in 40 CFR Part 63 Subpart ZZZZ as referenced in ADEM Admin. Code 335-3-11-.06 (103).	Rule 335-3-11-.06 (1) and (103)
<i>Emission Standards</i>	
1. Opacity shall not exceed twenty percent (20%) as determined by six-minute average. During one six-minute period in any sixty minute period, this unit may discharge into the atmosphere from any source of emission, particulate of an opacity not greater than that designated as forty percent (40%).	Rule 335-3-4-.01
2. All units shall comply with the emission limitations in 40 CFR 63 Subpart ZZZZ Table 2d (4).	Rule 335-3-11-.06 (103)
3. All units shall be operated according to the requirements in §63.6640 (f)(1)(i) through (iii).	Rule 335-3-11-.06 (103)
4. All units and after-treatment control device (if any), shall be operated and maintained according to the manufacturer's emission-related written instructions, or the facility develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.	Rule 335-3-11-.06 (103)
5. The facility must minimize engine time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. The emission standards in Table 2d of 40 CFR 63 Subpart ZZZZ apply to all times other than startup.	Rule 335-3-11-.06 (103)
<i>Compliance and Performance Test Methods and Procedures</i>	
1. The facility must demonstrate continuous compliance with the operating limitations in Tables 2d according to the methods specified in Table 6 (9) to 40 CFR 63 Subpart ZZZZ.	Rule 335-3-11-.06 (103)

Emergency Fire Pump Provisos

Federally Enforceable Provisos	Regulations
2. The following requirements from 40 CFR Part 63.6440 apply to emergency generators: (f) If you own or operate an emergency stationary RICE, you must operate the emergency stationary RICE according to the requirements in paragraphs (f)(1) through (4) of this section. In order for the engine to be considered an emergency stationary RICE 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 (f)(1) through (4) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1) through (4) of this section, the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines. (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 the manufacturer, the vendor, or the insurance company associated with the engine. Required testing of such units should be minimized, but there is no time limit on the use of emergency stationary RICE in emergency situations and for routine testing and maintenance. (iii) You may operate your emergency stationary RICE for an additional 50 hours per year in non-emergency situations. 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 grid or otherwise supply power as part of a financial arrangement with another entity.	Rule 335-3-11-.06 (103)
3. For this unit, Method 9 as defined in 40 CFR 60, Appendix A, shall be used in the determination of the opacity of the stack emissions.	Rule 335-3-1-.05
Emission Monitoring	
1. The facility must install a non-resettable hour meter and monitor all units according to the requirements of §63.6625 (f) and §63.6635.	Rule 335-3-11-.06 (103)
2. The facility shall monitor and collect data according to the requirements of §63.6635	Rule 335-3-11-.06 (103)

Emergency Fire Pump Provisos

Federally Enforceable Provisos	Regulations
<i>Recordkeeping and Reporting Requirements</i>	
1. The facility shall keep records of the operation of the engine in emergency and non-emergency service, which is recorded through the non-resettable hour meter. The owner shall record the time of operation of the engine and the reason the engine was in operation during that time. These records shall be retained onsite for inspection purposes for a period of at least five years.	Rule 335-3-11-.06 (103)
2. The facility shall keep records in accordance with §63.6655.	Rule 335-3-11-.06 (103)
3. If any of the existing units are reconstructed, the facility shall submit an Initial Notification.	Rule 335-3-11-.06 (103)

Summary Page for Facility-Wide Fugitive Dust Plan

Permitted Operating Schedule: 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
Fugitive	Fugitive Dust	PM	N/A	ADEM Admin. Code r. 335-3-4-.02

Provisos for Facility-Wide Fugitive Dust Plan

Federally Enforceable Provisos	Regulations
Applicability 1. These units are subject to the provisions of ADEM Admin. Code r. 335-3-16, “Major Source Operating Permits.”	Rule 335-3-16
Emission Standards 1. The permittee shall take reasonable precautions as directed in Proviso 1 of “Compliance and Performance Test Methods and Procedures” below to prevent fugitive dust at the facility which travel beyond the facility property line and cause a nuisance.	Rule 335-3-4-.02
Compliance and Performance Test Methods and Procedures 1. The permittee shall utilize the Facility Dust Plan (Appendix A) submitted on July 10, 2025, in order to minimize and address fugitive dust emissions.	Rule 335-3-16-.07
Emission Monitoring 1. The permittee shall conduct weekly, considering factors such as naturally wet conditions, visual observations for fugitive dust in areas listed with potential to generate fugitive dust, and if visible emissions traveling beyond the facility property line are observed, any necessary corrective actions shall be initiated within four (4) hours of observation.	Rule 335-3-16-.05
Recordkeeping and Reporting Requirements 1. The permittee shall maintain a record of all inspections, to include visible observations performed to satisfy the requirements of Proviso 1 of Emission Monitoring section of this Permit. This shall include problems observed and corrective actions taken. The records shall be retained for at least five (5) years from the date of generation and shall be available upon request.	Rule 335-3-16-.05

Appendix A



FUGITIVE DUST MANAGEMENT PLAN

June 2025

Table of Contents

1.0	Introduction.....	1-1
1.1	Regulatory Applicability.....	1-1
1.2	Plan Revisions.....	1-2
2.0	Dust Control and Housekeeping Plan.....	2-1
2.1	Fugitive Dust Emission Sources.....	2-1
2.2	Dust Control Measures.....	2-2
3.0	Inspections and Record-Keeping.....	3-1
3.1	Inspection Activities.....	3-1
3.2	Record-Keeping Activities.....	3-1
4.0	Training, Reporting, and Plan Updates.....	4-1
4.1	Training.....	4-1
4.2	Reporting.....	4-1
4.3	Plan Updates.....	4-1

Plan Revisions

Record of Plan Revisions			
Revision	Date	Description	Prepared by
0	June 2025	Prepared initial plan	Alicia Barnes

Section 1. Introduction

Essity Professional Hygiene North America (Essity) owns and operates its Barton Mill, a recycle paper/tissue mill (referred to as the “Barton Mill” or the “Mill”) in Cherokee, Colbert County, Alabama. The Barton Mill conducts raw material handling, processing, product handling, and byproduct handling activities that may result in the generation of fugitive dust. Pursuant to the General Proviso No. 18 of Major Source Operating Permit No. 701-0055 and Alabama Department of Environmental Management (ADEM) Administrative Code Chapter 335-3-4-.02 requirements, the Barton Mill has developed and implemented this fugitive dust management plan to minimize the likelihood of fugitive dust generation.

1.1 Regulatory Applicability

ADEM has authorized facility operation under Major Source Operating Permit No. 701-0055. General permit proviso No. 18 requires the Barton Mill to take precautions to prevent excessive emission of fugitive dust onsite. ADEM requires the Barton Mill to mitigate fugitive dust by using one or more of the following control methods:

1. By the application of water any time the surface of the road is sufficiently dry to allow creation of dust emissions by the act of wind or vehicular traffic;
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; or
5. By any combination of the above methods that results in the prevention of dust becoming airborne from the road surface.

The Barton Mill has developed this dust control and housekeeping plan using a combination of methods 1, 2, and 3 as the primary basis for facility dust control. The facility has engaged a contract service to operate a water truck periodically. In addition, Barton Mill policies prohibit plant vehicles from exceeding a speed limit of 20 miles per hour. Specific dust control measures that have been implemented are described in Section 2 of this Plan.

1.2 Plan Revisions

This Fugitive Dust Management Plan will be reviewed periodically by the Barton Mill Environmental Manager to assess the effectiveness of the provisions contained within

the plan. Specifically, the inspection records will be reviewed to identify chronic sources of fugitive dust that have not been properly addressed by this plan. Within 90 days following the plan review, the plan will be amended to address any deficiencies identified from the review of inspection records. Plan revisions may result in capital improvements, work practice improvements, maintenance activities, or additional inspections and record-keeping activities designed to minimize fugitive dust emissions from the Barton Mill.

Section 2. Dust Control and Housekeeping Plan

The purpose of this section is to describe the potential sources or activities responsible for generating fugitive dust and to identify measures that the facility has implemented to minimize the potential for fugitive dust to become airborne. Section 2. Describes the sources or activities that may result in the generation of fugitive dust from the Barton Mill, while Section 2.2 identifies the control measures that have been implemented to prevent fugitive dust from becoming airborne. Figure 1 provides a facility layout showing the locations of the fugitive dust emission sources.

2.1 Fugitive Dust Emission Sources

The Barton Mill's operations consist of several activities that may result in the generation of fugitive dust. Most of these activities are related to raw material handling, intermediate material processing and transfer, and product and byproduct handling. The following material handling activities may result in the generation of fugitive dust from the Barton Mill.

Raw Material Handling

- Paved Roads – waste paper, chemicals, packaging are brought into the facility on paved roads;
- Unpaved Roads –

Product/Byproduct Handling

- Paper mill residuals are produced as a byproduct of the paper mill and are loaded into trucks for transportation for land application and/or landfill;
- Deink rejects are produced as a byproduct of the paper mill and are loaded into compactors or trucks for transportation to the landfill;

- Product is loaded into trucks for shipment to customers.

Other

- Parking Lot – The Barton Mill has a paved parking lot for employee parking
- Facility Access – The Mill is accessed by delivery trucks using a paved county road connecting the facility to state highway US 72.
- Trailer Lots – The Barton Mill has unpaved parking lots for storage/disposition of over the road trailers.

2.2 Dust Control Measures

The Barton Mill has implemented several dust control and facility housekeeping practices to prevent fugitive dust from becoming airborne from facility operations and ancillary activities. These control measures include:

1. **Water Truck Operation** – A water truck is operated by a contract operator periodically to minimize dust from unpaved surfaces in the Barton Mill.
2. **Speed Limit for Plant Roads** – The Barton employee policies limit the speed of plant vehicles to 20 miles per hour or less.

Section 3. Inspections and Record-Keeping

The Barton Mill conducts several inspection and record-keeping activities to support the implementation of this Fugitive Dust Management Plan. The inspection and record-keeping activities are described below.

3.1 Inspection Activities

Inspections will be performed as necessary to ensure paved areas do not accumulate an excess of dirt or residue. The unpaved surfaces will be inspected to ensure dust mitigation activities are adequate for dust suppression.

3.2 Proposed Record-Keeping Activities

Records of observations and cleaning operations will be maintained onsite and retained for five years from the date of generation.

Section 4. Training, Reporting, and Plan Updates

4.1 Training

The Barton Mill will provide initial training to Barton employees responsible for fugitive dust control. Annual refresher training will be provided.

The contents for the training will include general housekeeping practices, the importance of adhering to the plant speed limit, and use of the contract water truck.

4.2 Reporting

The Barton Mill environmental manager will report deviation to the Alabama Department of Environmental Management in accordance with General Proviso No. 21 of the facility's Major Source Operating Permit No. 701-0055.

4.3 Plan Updates

Essity Professional Hygiene North America, LLC will review this plan at least once every five (f) years at the time of submittal of the permit renewal application to assess whether additional control measures are needed and to account for new fugitive dust sources, process changes, or any change to the facility that would result in increased fugitive dust emissions. In the event that revisions to the plan are identified during the review, these revisions will be incorporated prior to reissuance of the major source operating permit.