

**CONGOLEUM CORPORATION  
2700 EMORY ROAD  
FINKSBURG, MD 21048  
PART 70 OPERATING PERMIT NO. 24-013-00013**

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**SECTION I SOURCE IDENTIFICATION**

**1. DESCRIPTION OF FACILITY**

Congoleum Corporation (Congoleum), located at 2700 Emory Road in Finksburg, Maryland 21048 (Carroll County), is a felt-flooring product manufacturer. The felt is then used by a subsidiary as a backing to manufacture the final flooring product. The Standard Industrial Classification Code (SIC) for Congoleum Corporation is 2661.

The raw materials for the felt manufacturing process enter Congoleum's bulk receiving system, which consists of two (2) storage silos, a pneumatic transfer system and a baghouse for particulate matter emission control. The raw materials are weighed according to specifications and then conveyed to a mixer for mixing with water. The mixture is then transferred to a 210" felt machine, which consists of the forming area, press section, and dryer section. Steam is used to dry the product. The felt product is then date stamped, rolled, trimmed, and ready for shipping. Materials passing through the felt machine are wet with water and then dried by heat transfer from steam.

Four (4) boilers provide the drying steam. There are three identical Riley boilers, each rated at 59 MMBtu/hr heat input and burn natural gas with No. 2 fuel oil as backup. These three (3) boilers were all installed in 1948 in the same building. The fourth boiler is a Keeler boiler rated at 33 MMBtu/hr heat input and also burns natural gas with No. 2 fuel oil as backup. The Keeler boiler was installed in 1941. The four boilers have not been modified or reconstructed since the installation, and are therefore not subject to Federal New Source Performance Standards of 40 CFR, Part 60, Subpart Dc which applies to industrial/commercial boilers installed/modified, or reconstructed after 1989. The four (4) boilers discharge to one common stack, which has an American Blower Corporation multi-cyclone for particulate matter control.

The major source thresholds for triggering Title V permitting requirements are the potential to emit of 25 tons per year (TPY) of NO<sub>x</sub>, 25 TPY of VOC, or 100 TPY of any other criteria pollutant. Although the actual NO<sub>x</sub> emissions from Congoleum are lower than 25 TPY, the estimate for potential to emit exceeds the major source threshold. As a result, Congoleum Corporation is required to obtain a Part 70 operating permit under COMAR 26.11.03.01

Congoleum Corporation prepared a Part 70 (Title V) renewal permit application, and it was received by the Department on August 28, 2018. An administrative completeness review was conducted and the application was deemed to be administratively complete. A completeness determination letter was sent to

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Congoleum Corporation on August 31, 2018 granting this facility an application shield.

The primary air emissions sources at the Congoleum Corporation originate from its boilers with a minor contribution of particulate matter originating from the felt flooring material production process. The following table summarizes the actual estimated emissions from Congoleum Corporation submitted through the annual certification reports. The emissions shown for 2017 are based on its emission calculations shown in the Title V application.

**Table 1: Actual Emissions**

Year	NOx (TPY)	SOx (TPY)	PM10 (TPY)	CO (TPY)	VOC (TPY)
2017	5.42	0.12	0.31	4.54	0.30
2016	6.53	0.26	0.64	5.49	0.36
2015	6.99	0.79	0.71	5.80	0.38
2014	6.58	1.33	0.63	5.51	0.35
2013	6.60	0.04	0.64	5.55	0.37
2012	5.94	0.16	0.52	4.99	0.33

There are no particulate matter emissions and no visible emissions released from the felt machine. Therefore, the felt machine is listed in Section V "Insignificant Activities" of the Title V permit. The felt machine was installed in June 1974.

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**2. FACILITY INVENTORY LIST**

The following emission units have been identified at Congoleum as being subject to the Title V permitting requirements and having applicable requirements.

**Table 2: Emission Unit Identification**

<b>MDE Registration Number</b>	<b>Emissions Unit Number</b>	<b>Emissions Unit Description</b>	<b>Date of Registration</b>
5-0003	EU-03	One (1) Riley boiler fueled by natural gas and No. 2 oil as backup, each rated at 59 MMBTU/hr.	1948
5-0004	EU-04	One (1) Riley boiler fueled by natural gas and No. 2 oil as backup, each rated at 59 MMBTU/hr.	1948
5-0005	EU-05	One (1) Riley boiler fueled by natural gas and No. 2 oil as backup, each rated at 59 MMBTU/hr.	1948
5-0006	EU-06	One (1) Keeler boiler fueled by natural gas and No. 2 oil as backup, rated at 33 MMBTU/hr.	1941
9-0024	EU-07	Bulk receiving system equipped with two (2) storage silos, pneumatic transfer station, and two (2) baghouses.	June 1982

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**SECTION II GENERAL CONDITIONS**

**1. DEFINITIONS**

**[COMAR 26.11.01.01] and [COMAR 26.11.02.01]**

The words or terms in this Part 70 permit shall have the meanings established under COMAR 26.11.01 and .02 unless otherwise stated in this permit.

**2. ACRONYMS**

ARMA	Air and Radiation Management Administration
BACT	Best Available Control Technology
Btu	British thermal unit
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CEM	Continuous Emissions Monitor
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COMAR	Code of Maryland Regulations
EPA	United States Environmental Protection Agency
FR	Federal Register
gr	grains
HAP	Hazardous Air Pollutant
MACT	Maximum Achievable Control Technology
MDE	Maryland Department of the Environment
MVAC	Motor Vehicle Air Conditioner
NESHAPS	National Emission Standards for Hazardous Air Pollutants
NO <sub>x</sub>	Nitrogen Oxides
NSPS	New Source Performance Standards
NSR	New Source Review
OTR	Ozone Transport Region
PM	Particulate Matter
PM10	Particulate Matter with Nominal Aerodynamic Diameter of 10 micrometers or less
ppm	parts per million
ppb	parts per billion
PSD	Prevention of Significant Deterioration
PTC	Permit to construct
PTO	Permit to operate (State)
SIC	Standard Industrial Classification
SO <sub>2</sub>	Sulfur Dioxide

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TAP	Toxic Air Pollutant
tpy	tons per year
VE	Visible Emissions
VOC	Volatile Organic Compounds

**3. EFFECTIVE DATE**

The effective date of the conditions in this Part 70 permit is the date of permit issuance, unless otherwise stated in the permit.

**4. PERMIT EXPIRATION**

**[COMAR 26.11.03.13B(2)]**

Upon expiration of this permit, the terms of the permit will automatically continue to remain in effect until a new Part 70 permit is issued for this facility provided that the Permittee has submitted a timely and complete application and has paid applicable fees under COMAR 26.11.02.16.

Otherwise, upon expiration of this permit the right of the Permittee to operate this facility is terminated.

**5. PERMIT RENEWAL**

**[COMAR 26.11.03.02B(3)] and [COMAR 26.11.03.02E]**

The Permittee shall submit to the Department a completed application for renewal of this Part 70 permit at least 12 months before the expiration of the permit. Upon submitting a completed application, the Permittee may continue to operate this facility pending final action by the Department on the renewal.

The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall submit such supplementary facts or corrected information no later than 10 days after becoming aware that this occurred. The Permittee shall also provide additional information as necessary to address any requirements that become applicable to the facility after the date a completed application was submitted, but prior to the release of a draft permit. This information shall be submitted to the Department no later than 20 days after a new requirement has been adopted.

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**6. CONFIDENTIAL INFORMATION**

**[COMAR 26.11.02.02G]**

In accordance with the provisions of the State Government Article, Sec. 10-611 et seq., Annotated Code of Maryland, all information submitted in an application shall be considered part of the public record and available for inspection and copying, unless the Permittee claims that the information is confidential when it is submitted to the Department. At the time of the request for inspection or copying, the Department will make a determination with regard to the confidentiality of the information. The Permittee, when requesting confidentiality, shall identify the information in a manner specified by the Department and, when requested by the Department, promptly provide specific reasons supporting the claim of confidentiality. Information submitted to the Department without a request that the information be deemed confidential may be made available to the public. Subject to approval of the Department, the Permittee may provide a summary of confidential information that is suitable for public review. The content of this Part 70 permit is not subject to confidential treatment.

**7. PERMIT ACTIONS**

**[COMAR 26.11.03.06E(3)] and [COMAR 26.11.03.20(A)]**

This Part 70 permit may be revoked or reopened and revised for cause. The filing of an application by the Permittee for a permit revision or renewal; or a notification of termination, planned changes or anticipated noncompliance by the facility, does not stay a term or condition of this permit.

The Department shall reopen and revise, or revoke the Permittee's Part 70 permit under the following circumstances:

- a. Additional requirements of the Clean Air Act become applicable to this facility and the remaining permit term is 3 years or more;
- b. The Department or the EPA determines that this Part 70 permit contains a material mistake, or is based on false or inaccurate information supplied by or on behalf of the Permittee;



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- c. The Department or the EPA determines that this Part 70 permit must be revised or revoked to assure compliance with applicable requirements of the Clean Air Act; or
- d. Additional requirements become applicable to an affected source under the Federal Acid Rain Program.

**8. PERMIT AVAILABILITY**

**[COMAR 26.11.02.13G]**

The Permittee shall maintain this Part 70 permit in the vicinity of the facility for which it was issued, unless it is not practical to do so, and make this permit immediately available to officials of the Department upon request.

**9. REOPENING THE PART 70 PERMIT FOR CAUSE BY THE EPA**

**[COMAR 26.11.03.20B]**

The EPA may terminate, modify, or revoke and reissue a permit for cause as prescribed in 40 CFR §70.7(g)

**10. TRANSFER OF PERMIT**

**[COMAR 26.11.02.02E]**

The Permittee shall not transfer this Part 70 permit except as provided in COMAR 26.11.03.15.

**11. REVISION OF PART 70 PERMITS – GENERAL CONDITIONS**

**[COMAR 26.11.03.14] and [COMAR 26.11.03.06A(8)]**

- a. The Permittee shall submit an application to the Department to revise this Part 70 permit when required under COMAR 26.11.03.15-.17.
- b. When applying for a revision to a Part 70 permit, the Permittee shall comply with the requirements of COMAR 26.11.03.02 and .03 except that the application for a revision need include only information listed that is related to the proposed change to the source and revision to

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the permit. This information shall be sufficient to evaluate the proposed change and to determine whether it will comply with all applicable requirements of the Clean Air Act.

- c. The Permittee may not change any provision of a compliance plan or schedule in a Part 70 permit as an administrative permit amendment or as a minor permit modification unless the change has been approved by the Department in writing.
- d. A permit revision is not required for a change that is provided for in this permit relating to approved economic incentives, marketable permits, emissions trading, and other similar programs.

**12. SIGNIFICANT PART 70 OPERATING PERMIT MODIFICATIONS**

**[COMAR 26.11.03.17]**

The Permittee may apply to the Department to make a significant modification to its Part 70 Permit as provided in COMAR 26.11.03.17 and in accordance with the following conditions:

- a. A significant modification is a revision to the federally enforceable provisions in the permit that does not qualify as an administrative permit amendment under COMAR 26.11.03.15 or a minor permit modification as defined under COMAR 26.11.03.16.
- b. This permit does not preclude the Permittee from making changes, consistent with the provisions of COMAR 26.11.03, that would make the permit or particular terms and conditions of the permit irrelevant, such as by shutting down or reducing the level of operation of a source or of an emissions unit within the source. Air pollution control equipment shall not be shut down or its level of operation reduced if doing so would violate any term of this permit.
- c. Significant permit modifications are subject to all requirements of COMAR 26.11.03 as they apply to permit issuance and renewal, including the requirements for applications, public participation, and review by affected states and EPA, except:
  - (1) An application need include only information pertaining to the proposed change to the source and modification of this permit, including a description of the change and modification, and any

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new applicable requirements of the Clean Air Act that will apply if the change occurs;

- (2) Public participation, and review by affected states and EPA, is limited to only the application and those federally enforceable terms and conditions of the Part 70 permit that are affected by the significant permit modification.
- d. As provided in COMAR 26.11.03.15B(5), an administrative permit amendment may be used to make a change that would otherwise require a significant permit modification if procedures for enhanced preconstruction review of the change are followed that satisfy the requirements of 40 CFR 70.7(d)(1)(v).
- e. Before making a change that qualifies as a significant permit modification, the Permittee shall obtain all permits-to-construct and approvals required by COMAR 26.11.02.
- f. The Permittee shall not make a significant permit modification that results in a violation of any applicable requirement of the Clean Air Act.
- g. The permit shield in COMAR 26.11.03.23 applies to a final significant permit modification that has been issued by the Department, to the extent applicable under COMAR 26.11.03.23.

**13. MINOR PERMIT MODIFICATIONS**

**[COMAR 26.11.03.16]**

The Permittee may apply to the Department to make a minor modification to the federally enforceable provisions of this Part 70 permit as provided in COMAR 26.11.03.16 and in accordance with the following conditions:

- a. A minor permit modification is a Part 70 permit revision that:
  - (1) Does not result in a violation of any applicable requirement of the Clean Air Act;
  - (2) Does not significantly revise existing federally enforceable monitoring, including test methods, reporting, record keeping, or compliance certification requirements except by:

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- (a) Adding new requirements,
  - (b) Eliminating the requirements if they are rendered meaningless because the emissions to which the requirements apply will no longer occur, or
  - (c) Changing from one approved test method for a pollutant and source category to another;
- (3) Does not require or modify a:
- (a) Case-by-case determination of a federally enforceable emissions standard,
  - (b) Source specific determination for temporary sources of ambient impacts, or
  - (c) Visibility or increment analysis;
- (4) Does not seek to establish or modify a federally enforceable permit term or condition for which there is no corresponding underlying applicable requirement of the Clean Air Act, but that the Permittee has assumed to avoid an applicable requirement to which the source would otherwise be subject, including:
- (a) A federally enforceable emissions standard applied to the source pursuant to COMAR 26.11.02.03 to avoid classification as a Title I modification; and
  - (b) An alternative emissions standard applied to an emissions unit pursuant to regulations promulgated under Section 112(i)(5) of the Clean Air Act
- (5) Is not a Title I modification; and
- (6) Is not required under COMAR 26.11.03.17 to be processed as a significant modification to this Part 70 permit.
- b. Application for a Minor Permit Modification

The Permittee shall submit to the Department an application for a minor permit modification that satisfies the requirements of COMAR 26.11.03.03 which includes the following:

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- (1) A description of the proposed change, the emissions resulting from the change, and any new applicable requirements that will apply if the change is made;
  - (2) The proposed minor permit modification;
  - (3) Certification by a responsible official, in accordance with COMAR 26.11.02.02F, that:
    - (a) The proposed change meets the criteria for a minor permit modification, and
    - (b) The Permittee has obtained or applied for all required permits-to-construct required by COMAR 26.11.03.16 with respect to the proposed change;
  - (4) Completed forms for the Department to use to notify the EPA and affected states, as required by COMAR 26.11.03.07-.12.
- c. Permittee's Ability to Make Change
- (1) For changes proposed as minor permit modifications to this permit that will require the applicant to obtain a permit to construct, the permit to construct must be issued prior to the new change.
  - (2) During the period of time after the Permittee applies for a minor modification but before the Department acts in accordance with COMAR 26.11.03.16F(2):
    - (a) The Permittee shall comply with applicable requirements of the Clean Air Act related to the change and the permit terms and conditions described in the application for the minor modification.
    - (b) The Permittee is not required to comply with the terms and conditions in the permit it seeks to modify. If the Permittee fails to comply with the terms and conditions in the application during this time, the terms and conditions of both this permit and the application for modification may be enforced against it.

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- d. The Permittee is subject to enforcement action if it is determined at any time that a change made under COMAR 26.11.03.16 is not within the scope of this regulation.
- e. Minor permit modification procedures may be used for Part 70 permit modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches, but only to the extent that the minor permit modification procedures are explicitly provided for in regulations approved by the EPA as part of the Maryland SIP or in other applicable requirements of the Clean Air Act.

**14. ADMINISTRATIVE PART 70 OPERATING PERMIT AMENDMENTS**

**[COMAR 26.11.03.15]**

The Permittee may apply to the department to make an administrative permit amendment as provided in COMAR 26.11.03.15 and in accordance with the following conditions:

- a. An application for an administrative permit amendment shall:
  - (1) Be in writing;
  - (2) Include a statement certified by a responsible official that the proposed amendment meets the criteria in COMAR 26.11.03.15 for an administrative permit amendment, and
  - (3) Identify those provisions of this part 70 permit for which the amendment is requested, including the basis for the request.
- b. An administrative permit amendment:
  - (1) Is a correction of a typographical error;
  - (2) Identifies a change in the name, address, or phone number of a person identified in this permit, or a similar administrative change involving the Permittee or other matters which are not directly related to the control of air pollution;
  - (3) requires more frequent monitoring or reporting by the Permittee;

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- (4) Allows for a change in ownership or operational control of a source for which the Department determines that no other revision to the permit is necessary and is documented as per COMAR 26.11.03.15B(4);
  - (5) Incorporates into this permit the requirements from preconstruction review permits or approvals issued by the Department in accordance with COMAR 26.11.03.15B(5), but only if it satisfies 40 CFR 70.7(d)(1)(v);
  - (6) Incorporates any other type of change, as approved by the EPA, which is similar to those in COMAR 26.11.03.15B(1)—(4);
  - (7) Notwithstanding COMAR 26.11.03.15B(1)—(6), all modifications to acid rain control provisions included in this Part 70 permit are governed by applicable requirements promulgated under Title IV of the Clean Air Act; or
  - (8) Incorporates any change to a term or condition specified as State-only enforceable, if the Permittee has obtained all necessary permits-to-construct and approvals that apply to the change.
- c. The Permittee may make the change addressed in the application for an administrative amendment upon receipt by the Department of the application, if all permits-to-construct or approvals otherwise required by COMAR 26.11.02 prior to making the change have first been obtained from the Department.
  - d. The permit shield in COMAR 26.11.03.23 applies to administrative permit amendments made under Section B(5) of COMAR 26.11.03.15 , but only after the Department takes final action to revise the permit.
  - e. The Permittee is subject to enforcement action if it is determined at any time that a change made under COMAR 26.11.03.15 is not within the scope of this regulation.

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**15. OFF-PERMIT CHANGES TO THIS SOURCE**

**[COMAR 26.11.03.19]**

The Permittee may make off-permit changes to this facility as provided in COMAR 26.11.03.19 and in accordance with the following conditions:

- a. The Permittee may make a change to this permitted facility that is not addressed or prohibited by the federally enforceable conditions of this Part 70 permit without obtaining a Part 70 permit revision if:
  - (1) The Permittee has obtained all permits and approvals required by COMAR 26.11.02 and .03;
  - (2) The change is not subject any requirements under Title IV of the Clean Air Act;
  - (3) The change is not a Title I modification; and
  - (4) The change does not violate an applicable requirement of the Clean Air Act or a federally enforceable term or condition of the permit.
- b. For a change that qualifies under COMAR 26.11.03.19, the Permittee shall provide contemporaneous written notice to the Department and the EPA, except for a change to an emissions unit or activity that is exempt from the Part 70 permit application, as provided in COMAR 26.11.03.04. This written notice shall describe the change, including the date it was made, any change in emissions, including the pollutants emitted, and any new applicable requirements of the Clean Air Act that apply as a result of the change.
- c. Upon satisfying the requirements of COMAR 26.11.03.19, the Permittee may make the proposed change.
- d. The Permittee shall keep a record describing:
  - (1) Changes made at the facility that result in emissions of a regulated air pollutant subject to an applicable requirement of the Clean Air Act, but not otherwise regulated under this permit; and
  - (2) The emissions resulting from those changes.



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- e. Changes that qualify under COMAR 26.11.03.19 are not subject to the requirements for Part 70 revisions.
- f. The Permittee shall include each off-permit change under COMAR 26.11.03.19 in the application for renewal of the part 70 permit.
- g. The permit shield in COMAR 26.11.03.23 does not apply to off-permit changes made under COMAR 26.11.03.19.
- h. The Permittee is subject to enforcement action if it is determined that an off-permit change made under COMAR 26.11.03.19 is not within the scope of this regulation.

**16. ON-PERMIT CHANGES TO SOURCES**

**[COMAR 26.11.03.18]**

The Permittee may make on-permit changes that are allowed under Section 502(b)(10) of the Clean Air Act as provided in COMAR 26.11.03.18 and in accordance with the following conditions:

- a. The Permittee may make a change to this facility without obtaining a revision to this Part 70 permit if:
  - (1) The change is not a Title I modification;
  - (2) The change does not result in emissions in excess of those expressly allowed under the federally enforceable provisions of the Part 70 permit for the permitted facility or for an emissions unit within the facility, whether expressed as a rate of emissions or in terms of total emissions;
  - (3) The Permittee has obtained all permits and approvals required by COMAR 26.11.02 and .03;
  - (4) The change does not violate an applicable requirement of the Clean Air Act;
  - (5) The change does not violate a federally enforceable permit term or condition related to monitoring, including test methods, record keeping, reporting, or compliance certification requirements;

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- (6) The change does not violate a federally enforceable permit term or condition limiting hours of operation, work practices, fuel usage, raw material usage, or production levels if the term or condition has been established to limit emissions allowable under this permit;
  - (7) If applicable, the change does not modify a federally enforceable provision of a compliance plan or schedule in this Part 70 permit unless the Department has approved the change in writing; and
  - (8) This permit does not expressly prohibit the change under COMAR 26.11.03.18.
- b. The Permittee shall notify the Department and the EPA in writing of a proposed on-permit change under COMAR 26.11.03.18 not later than 7 days before the change is made. The written information shall include the following information:
- (1) A description of the proposed change;
  - (2) The date on which the change is proposed to be made;
  - (3) Any change in emissions resulting from the change, including the pollutants emitted;
  - (4) Any new applicable requirement of the Clean Air Act; and
  - (5) Any permit term or condition that would no longer apply.
- c. The responsible official of this facility shall certify in accordance with COMAR 26.11.02.02F that the proposed change meets the criteria for the use of on-permit changes under COMAR 26.11.03.18.
- d. The Permittee shall attach a copy of each notice required by condition b. above to this Part 70 permit.
- e. On-permit changes that qualify under COMAR 26.11.03.18 are not subject to the requirements for part 70 permit revisions.
- f. Upon satisfying the requirements under COMAR 26.11.03.18, the Permittee may make the proposed change.

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- g. The permit shield in COMAR 26.11.03.23 does not apply to on-permit changes under COMAR 26.11.03.18.
- h. The Permittee is subject to enforcement action if it is determined that an on-permit change made under COMAR 26.11.03.18 is not within the scope of the regulation or violates any requirement of the State air pollution control law.

**17. FEE PAYMENT**

**[COMAR 26.11.02.16A(2) & (5)(b)]**

- a. The fee for this Part 70 permit is as prescribed in Regulation.19 of COMAR 26.11.02.
- b. The fee is due on and shall be paid on or before each 12-month anniversary date of the permit.
- c. Failure to pay the annual permit fee constitutes cause for revocation of the permit by the Department.

**18. REQUIREMENTS FOR PERMITS-TO-CONSTRUCT AND APPROVALS**

**[COMAR 26.11.02.09.]**

The Permittee may not construct or modify or cause to be constructed or modified any of the following sources without first obtaining, and having in current effect, the specified permits-to-construct and approvals:

- a. New Source Review source, as defined in COMAR 26.11.01.01, approval required, except for generating stations constructed by electric companies;
- b. Prevention of Significant Deterioration source, as defined in COMAR 26.11.01.01, approval required, except for generating stations constructed by electric companies;
- c. New Source Performance Standard source, as defined in COMAR 26.11.01.01, permit to construct required, except for generating stations constructed by electric companies;

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- d. National Emission Standards for Hazardous Air Pollutants source, as defined in COMAR 26.11.01.01, permit to construct required, except for generating stations constructed by electric companies;
- e. A stationary source of lead that discharges one ton per year or more of lead or lead compounds measured as elemental lead, permit to construct required, except for generating stations constructed by electric companies;
- f. All stationary sources of air pollution, including installations and air pollution control equipment, except as listed in COMAR 26.11.02.10, permit to construct required;
- g. In the event of a conflict between the applicability of (a.— e.) above and an exemption listed in COMAR 26.11.02.10, the provision that requires a permit applies.
- h. Approval of a PSD or NSR source by the Department does not relieve the Permittee obtaining an approval from also obtaining all permits-to-construct required by (c.— g.) above.

**19. CONSOLIDATION OF PROCEDURES FOR PUBLIC PARTICIPATION**

**[COMAR 26.11.02.11C] and [COMAR 26.11.03.01K]**

The Permittee may request the Department to authorize special procedures for the Permittee to apply simultaneously, to the extent possible, for a permit to construct and a revision to this permit.

These procedures may provide for combined public notices, informational meetings, and public hearings for both permits but shall not adversely affect the rights of a person, including EPA and affected states, to obtain information about the application for a permit, to comment on an application, or to challenge a permit that is issued.

These procedures shall not alter any existing permit procedures or time frames.

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**20. PROPERTY RIGHTS**

**[COMAR 26.11.03.06E(4)]**

This Part 70 permit does not convey any property rights of any sort, or any exclusive privileges.

**21. SEVERABILITY**

**[COMAR 26.11.03.06A(5)]**

If any portion of this Part 70 permit is challenged, or any term or condition deemed unenforceable, the remainder of the requirements of the permit continues to be valid.

**22. INSPECTION AND ENTRY**

**[COMAR 26.11.03.06G(3)]**

The Permittee shall allow employees and authorized representatives of the Department, the EPA, and local environmental health agencies, upon presentation of credentials or other documents as may be required by law, to:

- a. Enter at a reasonable time without delay and without prior notification the Permittee's property where a Part 70 source is located, emissions-related activity is conducted, or records required by this permit are kept;
- b. Have access to and make copies of records required by the permit;
- c. Inspect all emissions units within the facility subject to the permit and all related monitoring systems, air pollution control equipment, and practices or operations regulated or required by the permit; and
- d. Sample or monitor any substances or parameters at or related to the emissions units at the facility for the purpose of determining compliance with the permit.

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**23. DUTY TO PROVIDE INFORMATION**

**[COMAR 26.11.03.06E(5)]**

The Permittee shall furnish to the Department, within a reasonable time specified by the Department, information requested in writing by the Department in order to determine whether the Permittee is in compliance with the federally enforceable conditions of this Part 70 permit, or whether cause exists for revising or revoking the permit. Upon request, the Permittee shall also furnish to the Department records required to be kept under the permit.

For information claimed by the Permittee to be confidential and therefore potentially not discloseable to the public, the Department may require the Permittee to provide a copy of the records directly to the EPA along with a claim of confidentiality.

The Permittee shall also furnish to the Department, within a reasonable time specified by the Department, information or records requested in writing by the Department in order to determine if the Permittee is in compliance with the State-only enforceable conditions of this permit.

**24. COMPLIANCE REQUIREMENTS**

**[COMAR 26.11.03.06E(1)] and [COMAR 26.11.03.06A(11)] and [COMAR 26.11.02.05]**

The Permittee shall comply with the conditions of this Part 70 permit. Noncompliance with the permit constitutes a violation of the Clean Air Act, and/or the Environment Article Title 2 of the Annotated Code of Maryland and may subject the Permittee to:

- a. Enforcement action,
- b. Permit revocation or revision,
- c. Denial of the renewal of a Part 70 permit, or
- d. Any combination of these actions.

The conditions in this Part 70 permit are enforceable by EPA and citizens under the Clean Air Act except for the State-only enforceable conditions.

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Under Environment Article Section 2-609, Annotated Code of Maryland, the Department may seek immediate injunctive relief against a person who violates this permit in such a manner as to cause a threat to human health or the environment.

**25. CREDIBLE EVIDENCE**

Nothing in this permit shall be interpreted to preclude the use of credible evidence to demonstrate noncompliance with any term of this permit.

**26. NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE**

**[COMAR 26.11.03.06E(2)]**

The need to halt or reduce activity in order to comply with the conditions of this permit may not be used as a defense in an enforcement action.

**27. CIRCUMVENTION**

**[COMAR 26.11.01.06]**

The Permittee may not install or use any article, machine, equipment or other contrivance, the use of which, without resulting in a reduction in the total weight of emissions, conceals or dilutes emissions which would otherwise constitute a violation of any applicable air pollution control regulation.

**28. PERMIT SHIELD**

**[COMAR 26.11.03.23]**

A permit shield as described in COMAR 26.11.03.23 shall apply only to terms and conditions in this Part 70 permit that have been specifically identified as covered by the permit shield. Neither this permit nor COMAR 26.11.03.23 alters the following:

- a. The emergency order provisions in Section 303 of the Clean Air Act, including the authority of EPA under that section;

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- b. The liability of the Permittee for a violation of an applicable requirement of the Clean Air Act before or when this permit is issued or for a violation that continues after issuance;
- c. The requirements of the Acid Rain Program, consistent with Section 408(a) of the Clean Air Act;
- d. The ability of the Department or EPA to obtain information from a source pursuant to Maryland law and Section 114 of the Clean Air Act; or
- e. The authority of the Department to enforce an applicable requirement of the State air pollution control law that is not an applicable requirement of the Clean Air Act.

**29. ALTERNATE OPERATING SCENARIOS**

**[COMAR 26.11.03.06A(9)]**

For all alternate operating scenarios approved by the Department and contained within this permit, the Permittee, while changing from one approved scenario to another, shall contemporaneously record in a log maintained at the facility each scenario under which the emissions unit is operating and the date and time the scenario started and ended.



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**SECTION III PLANT WIDE CONDITIONS**

**1. PARTICULATE MATTER FROM CONSTRUCTION AND DEMOLITION**

**[COMAR 26.11.06.03D]**

The Permittee shall not cause or permit any building, its appurtenances, or a road to be used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne.

**2. OPEN BURNING**

**[COMAR 26.11.07]**

Except as provided in COMAR 26.11.07.04, the Permittee shall not cause or permit an open fire from June 1 through August 31 of any calendar year. Prior to any open burning, the Permittee shall request and receive approval from the Department.

**3. AIR POLLUTION EPISODE**

**[COMAR 26.11.05.04]**

When requested by the Department, the Permittee shall prepare in writing standby emissions reduction plans, consistent with good industrial practice and safe operating procedures, for reducing emissions creating air pollution during periods of Alert, Warning, and Emergency of an air pollution episode.

**4. REPORT OF EXCESS EMISSIONS AND DEVIATIONS**

**[COMAR 26.11.01.07] and [COMAR 26.11.03.06C(7)]**

The Permittee shall comply with the following conditions for occurrences of excess emissions and deviations from requirements of this permit, including those in Section VI – State-only Enforceable Conditions:

- a. Report any deviation from permit requirements that could endanger human health or the environment, by orally notifying the Department immediately upon discovery of the deviation;

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- b. Promptly report all occurrences of excess emissions that are expected to last for one hour or longer by orally notifying the Department of the onset and termination of the occurrence;
- c. When requested by the Department the Permittee shall report all deviations from permit conditions, including those attributed to malfunctions as defined in COMAR 26.11.01.07A, within 5 days of the request by submitting a written description of the deviation to the Department. The written report shall include the cause, dates and times of the onset and termination of the deviation, and an account of all actions planned or taken to reduce, eliminate, and prevent recurrence of the deviation;
- d. The Permittee shall submit to the Department semi-annual monitoring reports that confirm that all required monitoring was performed, and that provide accounts of all deviations from permit requirements that occurred during the reporting periods. Reporting periods shall be January 1 through June 30 and July 1 through December 31, and reports shall be submitted within 30 days of the end of each reporting period. Each account of deviation shall include a description of the deviation, the dates and times of onset and termination, identification of the person who observed or discovered the deviation, causes and corrective actions taken, and actions taken to prevent recurrence. If no deviations from permit conditions occurred during a reporting period, the Permittee shall submit a written report that so states.
- e. When requested by the Department, the Permittee shall submit a written report to the Department within 10 days of receiving the request concerning an occurrence of excess emissions. The report shall contain the information required in COMAR 26.11.01.07D(2).

**5. ACCIDENTAL RELEASE PROVISIONS**

**[COMAR 26.11.03.03B(23)] and [40 CFR 68]**

Should the Permittee become subject to 40 CFR 68 during the term of this permit, the Permittee shall submit risk management plans by the date specified in 40 CFR 68.150 and shall certify compliance with the requirements of 40 CFR 68 as part of the annual compliance certification as required by 40 CFR 70.

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The Permittee shall initiate a permit revision or reopening according to the procedures of 40 CFR 70.7 to incorporate appropriate permit conditions into the Permittee's Part 70 permit.

**6. GENERAL TESTING REQUIREMENTS**

**[COMAR 26.11.01.04]**

The Department may require the Permittee to conduct, or have conducted, testing to determine compliance with this Part 70 permit. The Department, at its option, may witness or conduct these tests. This testing shall be done at a reasonable time, and all information gathered during a testing operation shall be provided to the Department.

**7. EMISSIONS TEST METHODS**

**[COMAR 26.11.01.04]**

Compliance with the emissions standards and limitations in this Part 70 permit shall be determined by the test methods designated and described below or other test methods submitted to and approved by the Department.

Reference documents of the test methods approved by the Department include the following:

- a. 40 CFR 60, appendix A
- b. 40 CFR 51, appendix M
- c. The Department's Technical Memorandum 91-01 "Test Methods and Equipment Specifications for Stationary Sources", (January 1991), as amended through Supplement 3, (October 1, 1997)

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**8. EMISSIONS CERTIFICATION REPORT**

**[COMAR 26.11.01.05-1] and [COMAR 26.11.02.19C] and  
[COMAR 26.11.02.19D]**

The Permittee shall certify actual annual emissions of regulated pollutants from the facility on a calendar year basis.

- a. The certification shall be on forms obtained from the Department and submitted to the Department not later than April 1 of the year following the year for which the certification is required;
- b. The individual making the certification shall certify that the information is accurate to the individual's best knowledge. The individual shall be:
  - (1) Familiar with each source for which the certifications forms are submitted, and
  - (2) Responsible for the accuracy of the emissions information;
- c. The Permittee shall maintain records necessary to support the emissions certification including the following information if applicable:
  - (1) The total amount of actual emissions of each regulated pollutant and the total of all regulated pollutants;
  - (2) An explanation of the methods used to quantify the emissions and the operating schedules and production data that were used to determine emissions, including significant assumptions made;
  - (3) Amounts, types and analyses of all fuels used;
  - (4) Emissions data from continuous emissions monitors that are required by this permit, including monitor calibration and malfunction information;
  - (5) Identification, description, and use records of all air pollution control equipment and compliance monitoring equipment including:

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- (a) Significant maintenance performed,
  - (b) Malfunctions and downtime, and
  - (c) Episodes of reduced efficiency of all equipment;
- (6) Limitations on source operation or any work practice standards that significantly affect emissions; and
- (7) Other relevant information as required by the Department.

**9. COMPLIANCE CERTIFICATION REPORT**

**[COMAR 26.11.03.06G(6) and (7)]**

The Permittee shall submit to the Department and EPA Region III a report certifying compliance with each term of this Part 70 permit including each applicable standard, emissions limitation, and work practice for the previous calendar year by April 1 of each year.

- a. The compliance certification shall include:
- (1) The identification of each term or condition of this permit which is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether the compliance was continuous or intermittent;
  - (4) The methods used for determining the compliance status of each source, currently and over the reporting period; and
  - (5) Any other information required to be reported to the Department that is necessary to determine the compliance status of the Permittee with this permit.
- b. The Permittee shall submit the compliance certification reports to the Department and EPA simultaneously.

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**10. CERTIFICATION BY RESPONSIBLE OFFICIAL**

**[COMAR 26.11.02.02F]**

All application forms, reports, and compliance certifications submitted pursuant to this permit shall be certified by a responsible official as to truth, accuracy, and completeness. The Permittee shall expeditiously notify the Department of an appointment of a new responsible official.

The certification shall be in the following form:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

**11. SAMPLING AND EMISSIONS TESTING RECORD KEEPING**

**[COMAR 26.11.03.06C(5)]**

The Permittee shall gather and retain the following information when sampling and testing for compliance demonstrations:

- a. The location as specified in this permit, and the date and time that samples and measurements are taken;
- b. All pertinent operating conditions existing at the time that samples and measurements are taken;
- c. The date that each analysis of a sample or emissions test is performed and the name of the person taking the sample or performing the emissions test;
- d. The identity of the Permittee, individual, or other entity that performed the analysis;
- e. The analytical techniques and methods used; and
- f. The results of each analysis.

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**12. GENERAL RECORDKEEPING**

**[COMAR 26.11.03.06C(6)]**

The Permittee shall retain records of all monitoring data and information that support the compliance certification for a period of five (5) years from the date that the monitoring, sample measurement, application, report or emissions test was completed or submitted to the Department.

These records and support information shall include:

- a. All calibration and maintenance records;
- b. All original data collected from continuous monitoring instrumentation;
- c. Records which support the annual emissions certification; and
- d. Copies of all reports required by this permit.

**13. GENERAL CONFORMITY**

**[COMAR 26.11.26.09]**

The Permittee shall comply with the general conformity requirements of 40 CFR 93, Subpart B and COMAR 26.11.26.09.

**14. ASBESTOS PROVISIONS**

**[40 CFR 61, Subpart M]**

The Permittee shall comply with 40 CFR 61, Subpart M when conducting any renovation or demolition activities at the facility.

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**15. OZONE DEPLETING REGULATIONS**

**[40 CFR 82, Subpart F]**

The Permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for MVACs in subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the prohibitions and required practices pursuant to 40 CFR 82.154 and 82.156.
- b. Equipment used during the maintenance, service, repair or disposal of appliances shall comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- c. Persons performing maintenance, service, repairs or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
- d. Persons performing maintenance, service, repairs or disposal of appliances shall certify with the Administrator pursuant to 40 CFR 82.162.
- e. Persons disposing of small appliances, MVACS, and MVAC-like appliances as defined in 40 CFR 82.152, shall comply with record keeping requirements pursuant to 40 CFR 82.166.
- f. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
- g. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

**16. ACID RAIN PERMIT**

Not applicable



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**SECTION IV PLANT SPECIFIC CONDITIONS**

This section provides tables that include the emissions standards, emissions limitations, and work practices applicable to each emissions unit located at this facility. The Permittee shall comply with all applicable emissions standards, emissions limitations and work practices included herein.

The tables also include testing, monitoring, record keeping and reporting requirements specific to each emissions unit. In addition to the requirements included here in **Section IV**, the Permittee is also subject to the general testing, monitoring, recordkeeping and reporting requirements included in **Section III – Plant Wide Conditions** of this permit.

Unless otherwise provided in the specific requirements for an emissions unit, the Permittee shall maintain at the facility for at least five (5) years, and shall make available to the Department upon request, all records that the Permittee is required under this section to establish. [Authority: COMAR 26.11.03.06C(5)(g)]

The Congoleum Corporation is currently subject to the following requirements:

<b>Table IV – 1</b>	
<b>1.0</b>	<p><b><u>Emissions Unit Number(s) – EU-3, EU-4, EU-5, and EU-6</u></b></p> <p>EU-3, EU-4, EU-5: Three (3) Riley boilers fueled by natural gas and No. 2 oil as backup, each rated at 59 million Btu per hour heat input, all installed in 1948. [MDE Reg. No. 5-0003, 5-0003, and 5-0004]</p> <p>EU-6: One (1) Keeler boiler fueled by natural gas and distillate (No. 2) oil rated at 33 million Btu per hour heat input, installed in 1941. [MDE Reg. No. 5-0006]</p>
<b>1.1</b>	<p><b><u>Applicable Standards/Limits:</u></b></p> <p><b><u>A. Control of Visible Emissions</u></b>  <b>COMAR 26.11.09.05A(2) – Fuel Burning Equipment.</b>            “In Area III and IV, a person may not cause or permit the discharge of emissions from any fuel burning equipment, other than water in an uncombined form, which is visible to human observers except that, for the purpose of demonstrating compliance using COM data, emissions that are visible to a human observer are those that are equal to or greater than 10 percent opacity.”</p>

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**Table IV – 1**

**COMAR 26.11.09.05A(3) – Exceptions.**

“Section A(1) and (2) of this regulation do not apply to emissions during load changing, soot blowing, start up, or adjustments or occasional cleaning of control equipment if:

- (1) The visible emissions are not greater than 40 percent opacity; and
- (2) The visible emissions do not occur for more than 6 consecutive minutes in any sixty minute period.”

**B. Control of Particulate Matter**

**COMAR 26.11.09.06B(6) – Exceptions.**

- (a) Fuel burning equipment burning gas with an interruptible gas service is exempt from the provisions of §B(1) and (2).

"Interruptible gas service" means a gas service negotiated between the user and a utility company under the jurisdiction of the Maryland Public Service Commission in which the utility company reserves the right to interrupt the gas supply after notification or to limit the gas supply by automatic interruption upon determining that gas supplies are inadequate for normal distribution. [Reference: **COMAR 26.11.09.01B(4)**]

**C. Control of Sulfur Oxides**

**COMAR 26.11.09.07A – Sulfur Content Limitations for Fuel.**

“A person may not burn, sell, or make available for sale any fuel with a sulfur content by weight in excess of which otherwise exceeds the following limitations: (2) In Areas III and IV: (b) distillate fuel oils, 0.3 percent.”

**D. Control of Nitrogen Oxides**

**COMAR 26.11.09.08B(5) – Operator Training.**

“(a) For purposes of this regulation, the equipment operator to be trained may be the person who maintains the equipment and makes the necessary adjustments for efficient operation.

(b)The operator training course sponsored by the Department shall include an in-house training course that is approved by the Department.”

**COMAR 26.11.09.08E – Requirements for Fuel-Burning Equipment with a rated Heat Input Capacity of 100 Million Btu Per Hour or Less.**

“A person who owns or operates fuel-burning equipment with a rated heat input capacity of 100 Million Btu per hour or less shall:

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<b>Table IV – 1</b>	
	<p>(1) Submit to the Department an identification of each affected installation, the rated heat input capacity of each installation, and the type of fuel burned in each;</p> <p>(2) Perform a combustion analysis for each installation at least once each year and optimize combustion based on the analysis;</p> <p>(3) Maintain the results of the combustion analysis at the site for at least 2 years and make this data available to the Department and the EPA upon request;</p> <p>(4) Once every 3 years, require each operator of the installation to attend operator training programs on combustion optimization that are sponsored by the Department, the EPA, or equipment vendors; and</p> <p>(5) Prepare and maintain a record of training program attendance for each operator at the site, and make these records available to the Department upon request.”</p> <p><b><u>E. Operational Limitations</u></b> The Permittee shall maintain an interruptible gas service with a utility company under the jurisdiction of the Maryland Public Service Commission and shall combust in the boilers natural gas as the primary fuel and distillate (No. 2) oil, as backup fuels during periods of interruption or during periods of routine maintenance or testing. <b>[COMAR 26.11.02.09A]</b></p>
<b>1.2</b>	<p><b><u>Testing Requirements:</u></b></p> <p><b><u>A. Control of Visible Emissions</u></b> See Monitoring and Record Keeping Requirements.</p> <p><b><u>B. Control of Particulate Matter</u></b> See Reporting Requirements.</p> <p><b><u>C. Control of Sulfur Oxides</u></b> See Monitoring and Record Keeping Requirements.</p> <p><b><u>D. Control of Nitrogen Oxides</u></b> See Monitoring and Record Keeping Requirements.</p> <p><b><u>E. Operational Limitations</u></b> See Monitoring and Record Keeping Requirements.</p>

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Table IV – 1	
<b>1.3</b>	<p><b><u>Monitoring Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b>            The Permittee shall:            (1) Properly operate and maintain the boilers in a manner to prevent visible emissions; and             (2) Verify no visible emissions when burning No. 2 fuel oil. The Permittee shall perform a visual observation for a 6-minute period once for each 168 hours that the boiler burns oil or at a minimum of once per year. If the Permittee does not burn any fuel oil during a year, this requirement is waived.            The Permittee shall perform the following, if emissions are visible:            (a) Inspect combustion system and boiler operations,            (b) Perform all necessary adjustments and/or repairs to the boiler within 48 hours, so that visible emissions are eliminated;            (c) Document in writing the results of inspections, adjustments and/or repairs to the boiler; and            (d) After 48 hours, if the required adjustments and/or repairs had no eliminated the visible emissions, perform Method 9 observations once daily for 18 minutes until corrective actions have eliminated the visible emissions. <b>[COMAR 26.11.03.06C]</b></p> <p><b>B. <u>Control of Particulate Matter</u></b>            See Reporting Requirements.</p> <p><b>C. <u>Control of Sulfur Oxides</u></b>            The Permittee shall obtain a certification from the fuel supplier indicating that the oil complies with the limitation on the sulfur content of the oil. <b>[COMAR 26.11 03.06C]</b></p> <p><b>D. <u>Control of Nitrogen Oxides</u></b>            The Permittee shall optimize combustion based on the annual combustion analysis. <b>[COMAR 26.11.09.08E(2)]</b></p> <p><b>E. <u>Operational Limitations</u></b>            See Record Keeping and Reporting Requirements.</p>
<b>1.4</b>	<p><b><u>Record Keeping Requirements:</u></b></p> <p>In accordance with COMAR 26.11.03.06C(5)(G), all records must be maintained for a period of 5 years.</p>

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**Table IV – 1**

	<p><b>A. <u>Control of Visible Emissions</u></b> The Permittee shall: (1) Maintain an operation manual and prevention maintenance plan on site; (2) Maintain a record of the maintenance performed that relates to combustion performance; (3) Maintain a log of visible emissions observations performed and make it available to the Department’s representative upon request; (4) Maintain a record of the hours that No. 2 fuel oil is burned. <b>[COMAR 26.11.03.06C]</b></p> <p><b>B. <u>Control of Particulate Matter</u></b> See Reporting Requirements.</p> <p><b>C. <u>Control of Sulfur Oxides</u></b> The Permittee shall maintain records of fuel supplier’s certification and shall make records available to the Department upon request. <b>[COMAR 26.11.03.06C]</b></p> <p><b>D. <u>Control of Nitrogen Oxides</u></b> The Permittee shall maintain: (1) Records of the annual combustion analysis on site. <b>[COMAR 26.11.09.08E(5)]</b> (2) Records of training program attendance for each operator at the site. <b>[COMAR 26.11.09.08E(5)]</b></p> <p><b>E. <u>Operational Limitations</u></b> The Permittee shall maintain records of the quantity and types of fuel burned for the manufacturing of felt product. <b>[COMAR 26.11.02.19C(1)(c)]</b></p>
<b>1.5</b>	<p><b><u>Reporting Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b> The Permittee shall report incidents of visible emissions in accordance with Section III – Plant Wide Conditions, Chapter 4 “Report of Excess Emissions and Deviations” from the current operating permit.</p> <p><b>B. <u>Control of Particulate Matter</u></b> The Permittee shall submit a copy of the current contract for interruptible service (or equivalent) to the Department upon request. <b>[COMAR 26.11.03.06C]</b></p>

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<b>Table IV – 1</b>	
	<p><b>C. <u>Control of Sulfur Oxides</u></b> The Permittee shall report fuel supplier certification to the Department upon request. <b>[COMAR 26.11.09.07C]</b></p> <p><b>D. <u>Control of Nitrogen Oxides</u></b> The Permittee shall submit: (1) The results of combustion analysis to the department and the EPA upon request. <b>[COMAR 26.11.09.08E(3)]</b> (2) A record of training program attendance for each operator to the Department upon request. <b>[COMAR 26.11.09.08E(5)]</b></p> <p><b>E. <u>Operational Limitations</u></b> The Permittee shall submit records of the quantity and type of fuels burn with the annual emission certification report. <b>[COMAR 26.11.02.19]</b></p>

<b>Table IV – 2</b>	
<b>2.0</b>	<p><b><u>Emissions Unit Number(s) – EU-7</u></b></p> <p>Bulk receiving system equipped with two (2) storage silos, pneumatic transfer station, and two (2) baghouses. <b>[MDE Reg. No. 9-0024]</b></p>
<b>2.1</b>	<p><b><u>Applicable Standards/Limits:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b> <b>COMAR 26.11.06.02C(2) – Visible Emissions.</b> “In Areas III and IV a person may not cause or permit the discharge of emissions from any installation or building, other than water in an uncombined form, which is visible to human observers.”</p> <p><b>COMAR 26.11.06.02A(2) – Exceptions.</b> “The visible emissions standards in §C of this regulation do not apply to emissions during start-up and process modifications or adjustments, or occasional cleaning of control equipment, if: (a) The visible emissions are not greater than 40 percent opacity; and (b) The visible emissions do not occur for more than 6 consecutive minutes in any 60 minute period.”</p>

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<b>Table IV – 2</b>	
	<p><b><u>B. Control of Particulate Matter</u></b>  <b>COMAR 26.11.06.03B(2)(a)</b>            “A person may not cause or permit to be discharged into outdoor atmosphere from any other installation, particulate matter in excess of 0.03 gr/SCFD (68.7 mg/dscm).”</p>
<b>2.2</b>	<p><b><u>Testing Requirements:</u></b></p> <p><b><u>A. Control of Visible Emissions</u></b>            See Monitoring Requirements.</p> <p><b><u>B. Control of Particulate Matter</u></b>            See Monitoring Requirements.</p>
<b>2.3</b>	<p><b><u>Monitoring Requirements:</u></b></p> <p><b><u>A. Control of Visible Emissions</u></b>            The Permittee shall conduct a 1-minute visual observation of the baghouse exhaust once per month. The visual observation must be conducted while the bulk receiving system and the baghouse are in operation. If no visible emissions are observed in six consecutive monthly observations from the baghouse exhaust, the Permittee may decrease the frequency of visual observations from monthly to quarterly. If visible emissions are observed during any quarterly observation, the Permittee must resume the observation of the baghouse exhaust on a monthly basis and maintain that schedule until no visible emissions are observed during six consecutive monthly visual observations.</p> <p>If visible emissions are observed during any observation, the Permittee must inspect the baghouse for the cause of visible emissions and perform necessary adjustments or repairs within 24-hours or prior to operating the bulk receiving system and the baghouse. If visible emissions have not been eliminated, the Permittee shall perform a daily 18-minute visual observation for opacity in accordance with EPA Reference Method 9 when operating the bulk receiving system.  <b>[COMAR 26.11.03.06C]</b></p> <p><b><u>B. Control of Particulate Emissions</u></b>            The Permittee shall maintain the facility’s preventive maintenance plan for the baghouses that describes the maintenance activities and time schedule for completing each activity. The Permittee shall review and revise the plan if visible emissions are observed in the exhaust from</p>

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<b>Table IV – 2</b>	
	<p>the baghouses. The Permittee shall perform maintenance activities within the time frames established in the plan and shall maintain a log with records of the dates and description of the preventive maintenance that was performed. <b>[COMAR 26.11.03.06C]</b></p>
<b>2.4</b>	<p><b><u>Record Keeping Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b> The Permittee shall maintain on site a log of the dates and results of visible emissions observations for a period of at least 5 years. <b>[COMAR 26.11.03.06C]</b></p> <p><b>B. <u>Control of Particulate Emissions</u></b> The Permittee shall maintain on site a copy of the preventive maintenance plan and a record of the dates and description of maintenance activities performed. The Permittee shall maintain records of the baghouse malfunctions and the corrective actions taken to bring into proper operation. <b>[COMAR 26.11.03.06C]</b></p>
<b>2.5</b>	<p><b><u>Reporting Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b> The Permittee shall report incidents of visible emissions in accordance with Section III – Plant Wide Conditions, Condition 4 “Report of Excess Emissions and Deviations.”</p> <p><b>B. <u>Control of Particulate Emissions</u></b> See Record Keeping Requirements.</p>



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**SECTION V INSIGNIFICANT ACTIVITIES**

This section provides a list of insignificant emissions units that were reported in the Title V permit application. The applicable Clean Air Act requirements, if any, are listed below the insignificant activity.

- (1) 3 Stationary internal combustion engines with an output less than 500 brake horsepower (373 kilowatts) and which are not used to generate electricity for sale or for peak or load shaving;

**125 kW (167 HP) Caterpillar Olympian (Model D12P52) diesel powered emergency generator serving the wastewater plant  
5.5 kW Generax (Model 5500 XL 9885) natural gas powered generator serving the production plant**

**3.5kW Subaru Powermate (Model 3500 CX3500) natural gas powered serving the production plant**

The following requirements apply to the 125 kW (167 HP) Caterpillar Olympian (Model D12P52) diesel powered emergency generator:

**Emissions Unit Number(s)**

One (1) 212 HP diesel powered Caterpillar (Model Olympian) Emergency Generator for the Wastewater Treatment Plant (installed in 2004).

**Applicable Standards/Limits:**

**A. National Emission Standards for Hazardous Air Pollutants**

**40 CFR, Subpart 63 – Stationary Reciprocating Internal Combustion Engines.**

“By May 3, 2013, “if you own or operate an existing stationary RICE located at an area source of HAP emissions, you must comply with the requirements in Table 2d to this subpart and the operating limitations in Table 2b to this subpart that apply to you.” [Reference: 40 CFR §63.6603(a), 63.6605, 63.6612, 63.6620, 63.6625, 63.6630, 63.6640, 63.6645, 63.6655]

**B. Control of Visible Emissions**

**COMAR 26.11.09.05E – Stationary Internal Combustion Engine Powered Equipment.**

“(2) Emissions During Idle Mode. A person may not cause or permit the discharge of emissions from any engine, operating

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at idle, greater than 10 percent opacity.

**(3) Emissions During Operating Mode.** A person may not cause or permit the discharge of emissions from any engine, operating at other than idle conditions, greater than 40 percent opacity.

**(4) Exceptions.**

- (a) Section E(2) does not apply for a period of 2 consecutive minutes after a period of idling of 15 consecutive minutes for the purpose of clearing the exhaust system.
- (b) Section E(2) does not apply to emissions resulting directly from cold engine start-up and warm-up for the following maximum periods:
  - (i) Engines that are idled continuously when not in service: 30 minutes;
  - (ii) All other engines: 15 minutes.
- (c) Section E(2) and (3) does not apply while maintenance, repair, or testing is being performed by qualified mechanics.”

**C. Control of Sulfur Oxides**

**COMAR 26.11.09.07A(1) – Sulfur Content Limitations for Fuel.**

“A person may not burn, sell, or make available for sale any fuel with a sulfur content by weight in excess of or which otherwise exceeds the following limitations: In Areas III and IV:  
(b) Distillate fuel oils, 0.3 percent.”

**Note:** The Permittee must comply with sulfur content limitations for fuel (15 ppm) as stated in 40 CFR 63.6604.

**D. Operational Limit**

- (1) The Permittee must operate and maintain the engine according to the manufacturer’s emission-related written instructions or the Permittee must develop their own 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. **[Reference: 40 CFR §63.6605, §63.6625(e), §63.6625(f), §63.6640, and Table 2d]**
- (2) The Permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Table 2d of 40 CFR 63, Subpart ZZZZ. The oil analysis must be performed at the same frequency

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specified for changing the oil in Table 2d. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5.

If all of these condemning limits are not exceeded, the Permittee is not required to change the oil. If any of the limits are exceeded, the Permittee must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the Permittee must change the oil within 2 business days or before commencing operation, whichever is later. The Permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. **[Reference: 40 CFR §63.6625(i)]**

- (3) In accordance with 40 CFR §63.6625(h), “if you operate a new, reconstructed, or existing stationary engine, you must minimize the engine's 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, after which time the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to this subpart apply.” **[Reference: 40 CFR §63.6625(h)]**

**Testing Requirements:**

- A. National Emission Standards for Hazardous Air Pollutants**  
**40 CFR, Subpart 63 – Stationary Reciprocating Internal Combustion Engines.**  
See Monitoring Requirements.
- B. Control of Visible Emissions**  
See Monitoring Requirements.
- C. Control of Sulfur Oxides**  
See Monitoring Requirements.

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**D. Operational Limit**

See Monitoring Requirements.

**Monitoring Requirements:**

**A. National Emission Standards for Hazardous Air Pollutants**  
**40 CFR, Subpart 63 – Stationary Reciprocating Internal**  
**Combustion Engines.**

“By May 3, 2013, the Permittee shall comply with the following operating and monitoring requirements:

- (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, and replace as necessary; and
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

**[Reference: 40 CFR §63.6603(a), §63.6625(h), and Table 2d to 40 CFR 63, Subpart ZZZZ]**

**B. Control of Visible Emissions**

The Permittee shall properly operate and maintain engines in a manner to minimize visible emissions. **[Reference: COMAR 26.11.03.06C]**

**C. Control of Sulfur Oxides**

The Permittee shall obtain a certification from the fuel supplier indicating that the fuel oil complies with the limitation on sulfur content of the fuel oil. **[Reference: COMAR 26.11.03.06C]**

**D. Operational Limit**

See Record Keeping and Reporting Requirements.

**Record Keeping Requirements:**

Note: All records must be maintained for a period of 5 years. **[Reference: COMAR 26.11.03.06C(5)(g)]**

**A. National Emission Standards for Hazardous Air Pollutants**  
**40 CFR, Subpart 63 – Stationary Reciprocating Internal**  
**Combustion Engines.**

In accordance with § 63.6655(a), “if you must comply with the

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emission and operating limitations, you must keep the records described in paragraphs (a)(1) through (a)(5), (b)(1) through (b)(3) and (c) of this section.

(1) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in § 63.10(b)(2)(xiv).

(2) Records of the occurrence and duration of each malfunction of operation ( i.e., process equipment) or the air pollution control and monitoring equipment.

(3) Records of performance tests and performance evaluations as required in § 63.10(b)(2)(viii).

(4) Records of all required maintenance performed on the air pollution control and monitoring equipment.

(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with § 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

**[Reference: 40 CFR §63.6655(a), (b), (d) and 40 CFR 63, Subpart ZZZZ]**

**B. Control of Visible Emissions**

The Permittee shall retain records of preventive maintenance on site for at least five years and make these records available to the Department upon request. **[Reference: COMAR 26.11.03.06C]**

**C. Control of Sulfur Oxides**

The Permittee shall retain annual fuel supplier certifications stating that the fuel oil is in compliance with this regulation must be maintained for at least 5 years. **[Reference: COMAR 26.11.09.07C]**

**D. Operational Limit**

See Record Keeping and Reporting Requirements.

**Reporting Requirements:**

**A. National Emission Standards for Hazardous Air Pollutants**

**40 CFR, Subpart 63 – Stationary Reciprocating Internal Combustion Engines.**

The Permittee must submit report semiannually according to

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the requirements in § 63.6650(b)(1)-(5) for engines that are not limited use stationary RICE subject to numerical emission limitations.

**[Reference: 40 CFR §63.6603(a), and Table 2d to 40 CFR 63, Subpart ZZZZ]**

**B. Control of Visible Emissions**

The Permittee shall report incidents of visible emissions in accordance with Permit Condition 4, Section III, Plant Wide Condition, "Report of Excess Emissions and Deviations."

**C. Control of Sulfur Oxides**

The Permittee shall report annual fuel supplier certification to the Department upon request. **[Reference: COMAR 26.11.03.06C]**

**D. Operational Limit**

See Record Keeping and Reporting Requirements.

Note: There is an additional state-only enforceable requirement that applies to the generators which is found in Section VI – State-only Requirements of the permit.

- (2) 12 *Space heaters utilizing direct heat transfer and used solely for comfort heat (2 – inspector shop, 1 - electric shop, 1- limestone shack, 1 – women’s bathroom, 2 – main laboratory, and 4 – boiler room);*

COMAR 26.11.09.07A(2)(b), which establishes that the Permittee may not burn, sell, or make available for sale any distillate fuel with a sulfur content by weight in excess of 0.3 percent.;

- (3) 1 Water cooling towers and water cooling ponds unless used for evaporative cooling of water from barometric jets or barometric condensers, or used in conjunction with an installation requiring a permit to operate;

- (4) 4 Unheated VOC dispensing containers or unheated VOC rinsing containers of 60 gallons (227 liters) capacity or less;

The unheated VOC dispensing containers are subject to COMAR 26.11.19.09D, which requires that the Permittee control emissions

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of volatile organic compounds (VOC) from cold degreasing operations by meeting the following requirements:

- (a) COMAR 26.11.19.09D(2)(b), which establishes that the Permittee shall not use any VOC degreasing material that exceeds a vapor pressure of 1 mm Hg at 20 ° C;
- (b) COMAR 26.11.19.09D(3)(a—d), which requires that the Permittee implement good operating practices designed to minimize spills and evaporation of VOC degreasing material. These practices, which shall be established in writing and displayed such that they are clearly visible to operators, shall include covers (including water covers), lids, or other methods of minimizing evaporative losses, and reducing the time and frequency during which parts are cleaned;
- (c) COMAR 26.11.19.09D(4), which prohibits the use of any halogenated VOC for cold degreasing.

The Permittee shall maintain on site for at least five (5) years, and shall make available to the Department upon request, the following records of operating data:

- (a) Monthly records of the total VOC degreasing materials used; and
- (b) Written descriptions of good operating practices designed to minimize spills and evaporation of VOC degreasing materials.

(5) 12 Equipment for drilling, carving, cutting, routing, turning, sawing, planing, spindle sanding, or disc sanding of wood or wood products;

(6) X Containers, reservoirs, or tanks used exclusively for:

37 Storage of butane, propane, or liquefied petroleum, or natural gas (3 – propane tank, 1 – vehicle shop, 2 – Laboratory, 8 – castor pits, 1 – Bldg No. 60, 9 – Machine #5, 9 – warehouse, 2 – boiler house);

3 Storage of lubricating oils (all 3 storage areas have capacity < 10,568 gallons);

2 Storage of numbers 1, 2, 4, 5, and 6 fuel oil and aviation jet engine fuel;

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- 4 The storage of VOC normally used as solvents, diluents, thinners, inks, colorants, paints, lacquers, enamels, varnishes, liquid resins, or other surface coatings and having individual capacities of 2,000 gallons (7.6 cubic meters) or less;
- (7) 6 Charbroilers and pit barbecues as defined in COMAR 26.11.18.01 with a total cooking area of 5 square feet (0.46 square meter) or less;
- (8) 5 First aid and emergency medical care provided at the facility, including related activities such as sterilization and medicine preparation used in support of a manufacturing or production process;
- (9) 1 Potable water treatment equipment, not including air stripping equipment;
- (10) 7 Grain, metal, or mineral extrusion presses;
- (11) 5 Laboratory fume hoods and vents; (2 – main lab, 1 – portable unit, 1 – process laboratory, 1 – wet pulp laboratory);
- (12) Emission units, not listed in this section, with a potential to emit less than the “de minimus” levels listed in COMAR 26.11.02.10X.
- 1 Felt paper machine with hydropulper and scrubber;
- 1 Unloading system;
- 1 Transfer system;
- 1 Wastewater treatment system.



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**SECTION VI STATE-ONLY ENFORCEABLE CONDITIONS**

The Permittee is subject to the following State-only enforceable requirements:

1. Applicable Regulations:
  - (A) COMAR 26.11.06.08 and 26.11.06.09, which generally prohibit the discharge of emissions beyond the property line in such a manner that a nuisance or air pollution is created.
  - (B) COMAR 26.11.36.03A(5), which establishes that “the owner or operator of an emergency generator or load shaving unit may not operate the engine for testing and engine maintenance purposes between 12:01 a.m. and 2:00 p.m. on any day on which the Department forecasts that the air quality will be a code orange, code red, or code purple unless the engine fails a test and engine maintenance and a re-test are necessary.”