

Facility ID: 1318000813 Issuance type: Title V Proposed Permit

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Part II - Specific Facility Terms and Conditions

a State and Federally Enforceable Section

1. None

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b State Only Enforceable Section

1. The following insignificant emissions units are located at this facility:

- P001 Industrial lubricant oil mixers
- Z001 Tanker truck wash
- Z002 Drum cleaning
- Z003 Parts degreaser
- Z005 Grease manufacturing kettle #39
- Z006 Storage tanks
- B001 Boiler #1
- B002 Boiler #2
- B003 Boiler #3
- B004 Boiler #4

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a permit to install for the emissions unit.

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- [Go to Part III for Emissions Unit P008](#)
- [Go to Part III for Emissions Unit P009](#)
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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1318000813 Emissions Unit ID: P006 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
grease manufacturing kettle #2 (capacity 3,800 gallons) with homogenizer unit	OAC rule 3745-17-11	Particulate emissions (PE) shall not exceed 1.82 pounds per hour (lbs/hr).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-07(B)(1)	Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. See A.I.2.c.
	OAC rule 3745-17-08(B)	Visible particulate emissions of fugitive dust shall be minimized by employing reasonably available control measures (RACM). See A.I.2.d.
	OAC rule 3745-21-07(G)(1)	exempt (See A.I.2.a)
	OAC rule 3745-21-07(G)(2)	exempt (See A.I.2.b)

2. Additional Terms and Conditions

- a. The materials employed in this emissions unit neither come in contact with flame nor are baked, heat-cured, or heat-polymerized, in the presence of oxygen. Therefore, OAC rule 3745-21-07(G)(1) does not apply to this emissions unit.
- b. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).
- c. For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to: doorways, windows, and roof monitors.
- d. Reasonably available control measures (RACM) to minimize or eliminate visible emissions of fugitive dust when handling dry raw materials and charging dry raw materials into the kettle shall include, but not be limited to: appropriate housekeeping measures to prevent fugitive dust from becoming airborne.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the building housing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions from the building are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

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IV. **Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
3. The permittee shall submit semiannual written reports which (a) identify all days during which any visible fugitive particulate emissions were observed from the building housing this emissions unit and (b) describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following:

Emission Limitation -
1.82 lbs PE/hr

Applicable Compliance Method(s) -
Compliance with the particulate emission limitation may be based on the emission factor from the latest stack test for this emissions unit or a similar emissions unit and the following equation:

$$E = [(EF) \times (W)] / [T]$$

E = hourly particulate emissions rate, (lb/hr)
 EF = emission factor from the latest stack test. The latest stack test was performed for emissions unit P015 on September 1 & 2, 1998, at which time an emission factor of .0733 lb PE/ton was documented.
 W = process weight rate for the batch operation, (tons)
 T = total duration of the batch, (hours)

If required, compliance shall be determined through stack testing in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A, and the procedures in OAC rule 3745-17-03(B)(10).
2. Emission Limitation -
20% opacity, as a 6-minute average

Applicable Compliance Method(s) -
 If required, compliance shall be determined by visible emissions evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

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VI. **Miscellaneous Requirements**

1. As required under OAC rule 3745-21-11, the permittee shall conduct, or have conducted, a detailed engineering study to determine the technical and economic feasibility of reducing the VOC emissions from the sources at the facility for which the requirements of rule 3745-21-09 of the Administrative Code do not apply. The detailed engineering study shall be conducted by an engineering consulting firm or other person or persons experienced in the field of air pollution control, and it shall provide the information required in OAC rule 3745-21-11. The study shall be conducted and submitted within six months from the date of issuance of this final Title V permit.

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Facility ID: 1318000813 Emissions Unit ID: P006 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1318000813 Emissions Unit ID: P007 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
grease manufacturing kettle #3 (capacity 3,800 gallons) with homogenizer unit	OAC rule 3745-17-11	Particulate emissions (PE) shall not exceed 0.78 pound per hour (lb/hr).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-07(B)(1)	Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. See A.I.2.c.
	OAC rule 3745-17-08(B)	Visible particulate emissions of fugitive dust shall be minimized by employing reasonably available control measures (RACM). See A.I.2.d.
	OAC rule 3745-21-07(G)(1)	exempt (See A.I.2.a)
	OAC rule 3745-21-07(G)(2)	exempt (See A.I.2.b)

2. Additional Terms and Conditions

- a. The materials employed in this emissions unit neither come in contact with flame nor are baked, heat-cured, or heat-polymerized, in the presence of oxygen. Therefore, OAC rule 3745-21-07(G)(1) does not apply to this emissions unit.
- b. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).
- c. For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to: doorways, windows, and roof monitors.
- d. Reasonably available control measures (RACM) to minimize or eliminate visible emissions of fugitive dust when handling dry raw materials and charging dry raw materials into the kettle shall include, but not be limited to: appropriate housekeeping measures to prevent fugitive dust from becoming airborne.

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II. **Operational Restrictions**

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the building housing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions from the building are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
3. The permittee shall submit semiannual written reports which (a) identify all days during which any visible fugitive particulate emissions were observed from the building housing this emissions unit and (b) describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following:

Emission Limitation -
0.78 lb PE/hr

Applicable Compliance Method(s) -
Compliance with the particulate emission limitation may be based on the emission factor from the latest stack test for this emissions unit or a similar emissions unit and the following equation:

$$E = [(EF) \times (W)] / [T]$$

E = hourly particulate emissions rate, (lb/hr)
 EF = emission factor from the latest stack test. The latest stack test was performed for emissions unit P015 on September 1 & 2, 1998, at which time an emission factor of .0733 lb PE/ton was documented.
 W = process weight rate for the batch operation, (tons)
 T = total duration of the batch, (hours)

If required, compliance shall be determined through stack testing in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A, and the procedures in OAC rule 3745-17-03(B)(10).
2. Emission Limitation -
20% opacity, as a 6-minute average

Applicable Compliance Method(s) -
If required, compliance shall be determined by visible emissions evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

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VI. **Miscellaneous Requirements**

1. As required under OAC rule 3745-21-11, the permittee shall conduct, or have conducted, a detailed engineering study to determine the technical and economic feasibility of reducing the VOC emissions from the sources at the facility for which the requirements of rule 3745-21-09 of the Administrative Code do not apply. The detailed engineering study shall be conducted by an engineering consulting firm or other person or persons experienced in the field of air pollution control, and it shall provide the information required in OAC rule 3745-21-11. The study shall be conducted and submitted within six months from the date of issuance of this final Title V permit.

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Facility ID: 1318000813 Emissions Unit ID: P007 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 1318000813 Emissions Unit ID: P008 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
grease manufacturing kettle #4 (capacity 1,085 gallons) with homogenizer unit	OAC rule 3745-17-11	Particulate emissions (PE) shall not exceed 0.88 pound per hour (lb/hr).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-07(B)(1)	Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. See A.I.2.c.
	OAC rule 3745-17-08(B)	Visible particulate emissions of fugitive dust shall be minimized by employing reasonably available control measures (RACM). See A.I.2.d.
	OAC rule 3745-21-07(G)(1)	exempt (See A.I.2.a)
	OAC rule 3745-21-07(G)(2)	exempt (See A.I.2.b)

2. Additional Terms and Conditions

- a. The materials employed in this emissions unit neither come in contact with flame nor are baked, heat-cured, or heat-polymerized, in the presence of oxygen. Therefore, OAC rule 3745-21-07(G)(1) does not apply to this emissions unit.
- b. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).
- c. For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to: doorways, windows, and roof monitors.
- d. Reasonably available control measures (RACM) to minimize or eliminate visible emissions of fugitive dust when handling dry raw materials and charging dry raw materials into the kettle shall include, but not be limited to: appropriate housekeeping measures to prevent fugitive dust from becoming airborne.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.

2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the building housing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions from the building are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
3. The permittee shall submit semiannual written reports which (a) identify all days during which any visible fugitive particulate emissions were observed from the building housing this emissions unit and (b) describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following:

Emission Limitation -
0.88 lb PE/hr

Applicable Compliance Method(s) -
Compliance with the particulate emission limitation may be based on the emission factor from the latest stack test for this emissions unit or a similar emissions unit and the following equation:

$$E = [(EF) \times (W)] / [T]$$

E = hourly particulate emissions rate, (lb/hr)
 EF = emission factor from the latest stack test. The latest stack test was performed for emissions unit P015 on September 1 & 2, 1998, at which time an emission factor of .0733 lb PE/ton was documented.
 W = process weight rate for the batch operation, (tons)
 T = total duration of the batch, (hours)

If required, compliance shall be determined through stack testing in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A, and the procedures in OAC rule 3745-17-03(B)(10).
2. Emission Limitation -
20% opacity, as a 6-minute average

Applicable Compliance Method(s) -
If required, compliance shall be determined by visible emissions evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

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VI. Miscellaneous Requirements

1. As required under OAC rule 3745-21-11, the permittee shall conduct, or have conducted, a detailed engineering study to determine the technical and economic feasibility of reducing the VOC emissions from the sources at the facility for which the requirements of rule 3745-21-09 of the Administrative Code do not

apply. The detailed engineering study shall be conducted by an engineering consulting firm or other person or persons experienced in the field of air pollution control, and it shall provide the information required in OAC rule 3745-21-11. The study shall be conducted and submitted within six months from the date of issuance of this final Title V permit.

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Facility ID: 1318000813 Emissions Unit ID: P008 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

- 1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 1318000813 Issuance type: Title V Proposed Permit

Part III - Terms and Conditions for Emissions Units

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Facility ID: 1318000813 Emissions Unit ID: P009 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
grease manufacturing kettle #5 (capacity 2,025 gallons) with homogenizer unit	OAC rule 3745-17-11	Particulate emissions (PE) shall not exceed 1.20 pounds per hour (lbs/hr).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-07(B)(1)	Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. See A.I.2.c.
	OAC rule 3745-17-08(B)	Visible particulate emissions of fugitive dust shall be minimized by employing reasonably available control measures (RACM). See A.I.2.d.
	OAC rule 3745-21-07(G)(1)	exempt (See A.I.2.a)
	OAC rule 3745-21-07(G)(2)	exempt (See A.I.2.b)

2. Additional Terms and Conditions

- a. The materials employed in this emissions unit neither come in contact with flame nor are baked, heat-cured, or heat-polymerized, in the presence of oxygen. Therefore, OAC rule 3745-21-07(G)(1) does not apply to this emissions unit.
- b. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).
- c. For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to: doorways, windows, and roof monitors.
- d. Reasonably available control measures (RACM) to minimize or eliminate visible emissions of fugitive dust when handling dry raw materials and charging dry raw materials into the kettle shall include, but not be limited to: appropriate housekeeping measures to prevent fugitive dust from becoming airborne.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;

- c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the building housing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions from the building are observed, the permittee shall also note the following in the operations log:
- a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
3. The permittee shall submit semiannual written reports which (a) identify all days during which any visible fugitive particulate emissions were observed from the building housing this emissions unit and (b) describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following:
 - Emission Limitation -
1.20 lbs PE/hr
 - Applicable Compliance Method(s) -
Compliance with the particulate emission limitation may be based on the emission factor from the latest stack test for this emissions unit or a similar emissions unit and the following equation:

$$E = [(EF) \times (W)] / [T]$$
 - E = hourly particulate emissions rate, (lb/hr)
 - EF = emission factor from the latest stack test. The latest stack test was performed for emissions unit P015 on September 1 & 2, 1998, at which time an emission factor of .0733 lb PE/ton was documented.
 - W = process weight rate for the batch operation, (tons)
 - T = total duration of the batch, (hours)
 - If required, compliance shall be determined through stack testing in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A, and the procedures in OAC rule 3745-17-03(B)(10).
2. Emission Limitation -
20% opacity, as a 6-minute average
 - Applicable Compliance Method(s) -
If required, compliance shall be determined by visible emissions evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

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VI. Miscellaneous Requirements

1. As required under OAC rule 3745-21-11, the permittee shall conduct, or have conducted, a detailed engineering study to determine the technical and economic feasibility of reducing the VOC emissions from the sources at the facility for which the requirements of rule 3745-21-09 of the Administrative Code do not apply. The detailed engineering study shall be conducted by an engineering consulting firm or other person or persons experienced in the field of air pollution control, and it shall provide the information required in OAC rule 3745-21-11. The study shall be conducted and submitted within six months from the date of issuance of this final Title V permit.

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Facility ID: 1318000813 Emissions Unit ID: P009 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

- 1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1318000813 Emissions Unit ID: P010 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
grease manufacturing kettle #10 (capacity 640 gallons) with homogenizer unit	OAC rule 3745-17-11	Particulate emissions (PE) shall not exceed 0.55 pound per hour (lb/hr).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-07(B)(1)	Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. See A.I.2.c.
	OAC rule 3745-17-08(B)	Visible particulate emissions of fugitive dust shall be minimized by employing reasonably available control measures (RACM). See A.I.2.d.
	OAC rule 3745-21-07(G)(1)	exempt (See A.I.2.a)
	OAC rule 3745-21-07(G)(2)	exempt (See A.I.2.b)

2. Additional Terms and Conditions

- a. The materials employed in this emissions unit neither come in contact with flame nor are baked, heat-cured, or heat-polymerized, in the presence of oxygen. Therefore, OAC rule 3745-21-07(G)(1) does not apply to this emissions unit.
- b. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).
- c. For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to: doorways, windows, and roof monitors.
- d. Reasonably available control measures (RACM) to minimize or eliminate visible emissions of fugitive dust when handling dry raw materials and charging dry raw materials into the kettle shall include, but not be limited to: appropriate housekeeping measures to prevent fugitive dust from becoming airborne.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the building housing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions

from the building are observed, the permittee shall also note the following in the operations log:

- a. the color of the emissions;
- b. whether the emissions are representative of normal operations;
- c. if the emissions are not representative of normal operations, the cause of the visible emissions;
- d. the total duration of any visible emission incident; and
- e. any corrective actions taken to eliminate the visible emissions.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
3. The permittee shall submit semiannual written reports which (a) identify all days during which any visible fugitive particulate emissions were observed from the building housing this emissions unit and (b) describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following:

Emission Limitation -
0.55 lb PE/hr

Applicable Compliance Method(s) -
Compliance with the particulate emission limitation may be based on the emission factor from the latest stack test for this emissions unit or a similar emissions unit and the following equation:

$$E = [(EF) \times (W)] / [T]$$

E = hourly particulate emissions rate, (lb/hr)
 EF = emission factor from the latest stack test. The latest stack test was performed for emissions unit P015 on September 1 & 2, 1998, at which time an emission factor of .0733 lb PE/ton was documented.
 W = process weight rate for the batch operation, (tons)
 T = total duration of the batch, (hours)

If required, compliance shall be determined through stack testing in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A, and the procedures in OAC rule 3745-17-03(B)(10).
2. Emission Limitation -
20% opacity, as a 6-minute average

Applicable Compliance Method(s) -
If required, compliance shall be determined by visible emissions evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

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VI. Miscellaneous Requirements

1. As required under OAC rule 3745-21-11, the permittee shall conduct, or have conducted, a detailed engineering study to determine the technical and economic feasibility of reducing the VOC emissions from the sources at the facility for which the requirements of rule 3745-21-09 of the Administrative Code do not apply. The detailed engineering study shall be conducted by an engineering consulting firm or other person or persons experienced in the field of air pollution control, and it shall provide the information required in OAC rule 3745-21-11. The study shall be conducted and submitted within six months from the date of issuance of this final Title V permit.

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Facility ID: 1318000813 Emissions Unit ID: P010 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

- 1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 1318000813 Emissions Unit ID: P011 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
grease manufacturing kettle #11 (capacity 1,640 gallons) with homogenizer unit	OAC rule 3745-17-11	Particulate emissions (PE) shall not exceed 1.04 pounds per hour (lbs/hr).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-07(B)(1)	Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. See A.I.2.c.
	OAC rule 3745-17-08(B)	Visible particulate emissions of fugitive dust shall be minimized by employing reasonably available control measures (RACM). See A.I.2.d.
	OAC rule 3745-21-07(G)(1)	exempt (See A.I.2.a)
	OAC rule 3745-21-07(G)(2)	exempt (See A.I.2.b)

2. **Additional Terms and Conditions**

- a. The materials employed in this emissions unit neither come in contact with flame nor are baked, heat-cured, or heat-polymerized, in the presence of oxygen. Therefore, OAC rule 3745-21-07(G)(1) does not apply to this emissions unit.
- b. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).
- c. For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to: doorways, windows, and roof monitors.
- d. Reasonably available control measures (RACM) to minimize or eliminate visible emissions of fugitive dust when handling dry raw materials and charging dry raw materials into the kettle shall include, but not be limited to: appropriate housekeeping measures to prevent fugitive dust from becoming airborne.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the building housing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions from the building are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

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IV. **Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
3. The permittee shall submit semiannual written reports which (a) identify all days during which any visible fugitive particulate emissions were observed from the building housing this emissions unit and (b) describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following:

Emission Limitation -
1.04 lbs PE/hr

Applicable Compliance Method(s) -
Compliance with the particulate emission limitation may be based on the emission factor from the latest stack test for this emissions unit or a similar emissions unit and the following equation:

$$E = [(EF) \times (W)] / [T]$$

E = hourly particulate emissions rate, (lb/hr)
EF = emission factor from the latest stack test. The latest stack test was performed for emissions unit P015 on September 1 & 2, 1998, at which time an emission factor of .0733 lb PE/ton was documented.
W = process weight rate for the batch operation, (tons)
T = total duration of the batch, (hours)

If required, compliance shall be determined through stack testing in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A, and the procedures in OAC rule 3745-17-03(B)(10).
 2. Emission Limitation -
20% opacity, as a 6-minute average
- Applicable Compliance Method(s) -
If required, compliance shall be determined by visible emissions evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

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VI. **Miscellaneous Requirements**

1. As required under OAC rule 3745-21-11, the permittee shall conduct, or have conducted, a detailed engineering study to determine the technical and economic feasibility of reducing the VOC emissions from the sources at the facility for which the requirements of rule 3745-21-09 of the Administrative Code do not apply. The detailed engineering study shall be conducted by an engineering consulting firm or other person or persons experienced in the field of air pollution control, and it shall provide the information required in OAC rule 3745-21-11. The study shall be conducted and submitted within six months from the date of issuance of this final Title V permit.

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Facility ID: 1318000813 Emissions Unit ID: P011 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

- 1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 1318000813 Emissions Unit ID: P012 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
grease manufacturing kettle #12 (capacity 830 gallons) with homogenizer unit	OAC rule 3745-17-11	Particulate emissions (PE) shall not exceed 0.66 pound per hour (lb/hr).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-07(B)(1)	Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. See A.I.2.c.
	OAC rule 3745-17-08(B)	Visible particulate emissions of fugitive dust shall be minimized by employing reasonably available control measures (RACM). See A.I.2.d.
	OAC rule 3745-21-07(G)(1)	exempt (See A.I.2.a)
	OAC rule 3745-21-07(G)(2)	exempt (See A.I.2.b)
2. Additional Terms and Conditions		
a.	The materials employed in this emissions unit neither come in contact with flame nor are baked, heat-cured, or heat-polymerized, in the presence of oxygen. Therefore, OAC rule 3745-21-07(G)(1) does not apply to this emissions unit.	
b.	To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit. Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).	
c.	For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to: doorways, windows, and roof monitors.	
d.	Reasonably available control measures (RACM) to minimize or eliminate visible emissions of fugitive dust when handling dry raw materials and charging dry raw materials into the kettle shall include, but not be limited to: appropriate housekeeping measures to prevent fugitive dust from becoming airborne.	

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the building housing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions from the building are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time when a

photochemically reactive material is employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.

2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
3. The permittee shall submit semiannual written reports which (a) identify all days during which any visible fugitive particulate emissions were observed from the building housing this emissions unit and (b) describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following:

Emission Limitation -
0.66 lb PE/hr

Applicable Compliance Method(s) -
Compliance with the particulate emission limitation may be based on the emission factor from the latest stack test for this emissions unit or a similar emissions unit and the following equation:

$$E = [(EF) \times (W)] / [T]$$

E = hourly particulate emissions rate, (lb/hr)
EF = emission factor from the latest stack test. The latest stack test was performed for emissions unit P015 on September 1 & 2, 1998, at which time an emission factor of .0733 lb PE/ton was documented.
W = process weight rate for the batch operation, (tons)
T = total duration of the batch, (hours)

If required, compliance shall be determined through stack testing in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A, and the procedures in OAC rule 3745-17-03(B)(10).

2. Emission Limitation -
20% opacity, as a 6-minute average
- Applicable Compliance Method(s) -
If required, compliance shall be determined by visible emissions evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

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VI. **Miscellaneous Requirements**

1. As required under OAC rule 3745-21-11, the permittee shall conduct, or have conducted, a detailed engineering study to determine the technical and economic feasibility of reducing the VOC emissions from the sources at the facility for which the requirements of rule 3745-21-09 of the Administrative Code do not apply. The detailed engineering study shall be conducted by an engineering consulting firm or other person or persons experienced in the field of air pollution control, and it shall provide the information required in OAC rule 3745-21-11. The study shall be conducted and submitted within six months from the date of issuance of this final Title V permit.

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Facility ID: 1318000813 Emissions Unit ID: P012 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 1318000813 Emissions Unit ID: P013 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
grease manufacturing kettle #36 (capacity 7,625 gallons) with homogenizer unit	OAC rule 3745-17-11 OAC rule 3745-17-07(A)(1)	Particulate emissions (PE) shall not exceed 2.91 pounds per hour (lbs/hr). Visible particulate emissions from any stack shall not

- | | | |
|--|---------------------------|---|
| | | exceed 20% opacity, as a 6-minute average, except as provided by rule. |
| | OAC rule 3745-17-07(B)(1) | Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. See A.I.2.c. |
| | OAC rule 3745-17-08(B) | Visible particulate emissions of fugitive dust shall be minimized by employing reasonably available control measures (RACM). See A.I.2.d. |
| | OAC rule 3745-21-07(G)(1) | exempt (See A.I.2.a) |
| | OAC rule 3745-21-07(G)(2) | exempt (See A.I.2.b) |
2. **Additional Terms and Conditions**
- a. The materials employed in this emissions unit neither come in contact with flame nor are baked, heat-cured, or heat-polymerized, in the presence of oxygen. Therefore, OAC rule 3745-21-07(G)(1) does not apply to this emissions unit.
 - b. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).
 - c. For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to: doorways, windows, and roof monitors.
 - d. Reasonably available control measures (RACM) to minimize or eliminate visible emissions of fugitive dust when handling dry raw materials and charging dry raw materials into the kettle shall include, but not be limited to: appropriate housekeeping measures to prevent fugitive dust from becoming airborne.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the building housing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions from the building are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

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IV. **Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to

the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

3. The permittee shall submit semiannual written reports which (a) identify all days during which any visible fugitive particulate emissions were observed from the building housing this emissions unit and (b) describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following:

Emission Limitation -
2.91 lbs PE/hr

Applicable Compliance Method(s) -
Compliance with the particulate emission limitation may be based on the emission factor from the latest stack test for this emissions unit or a similar emissions unit and the following equation:

$$E = [(EF) \times (W)] / [T]$$

E = hourly particulate emissions rate, (lb/hr)
EF = emission factor from the latest stack test. The latest stack test was performed for emissions unit P015 on September 1 & 2, 1998, at which time an emission factor of .0733 lb PE/ton was documented.
W = process weight rate for the batch operation, (tons)
T = total duration of the batch, (hours)

If required, compliance shall be determined through stack testing in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A, and the procedures in OAC rule 3745-17-03(B)(10).

2. Emission Limitation -
20% opacity, as a 6-minute average

Applicable Compliance Method(s) -
If required, compliance shall be determined by visible emissions evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

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VI. **Miscellaneous Requirements**

1. As required under OAC rule 3745-21-11, the permittee shall conduct, or have conducted, a detailed engineering study to determine the technical and economic feasibility of reducing the VOC emissions from the sources at the facility for which the requirements of rule 3745-21-09 of the Administrative Code do not apply. The detailed engineering study shall be conducted by an engineering consulting firm or other person or persons experienced in the field of air pollution control, and it shall provide the information required in OAC rule 3745-21-11. The study shall be conducted and submitted within six months from the date of issuance of this final Title V permit.

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Facility ID: 1318000813 Emissions Unit ID: P013 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Applicable Emissions Limitations/Control

Operations, Property, and/or Equipment Applicable Rules/Requirements Measures

2. **Additional Terms and Conditions**

- 1. None

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 1318000813 Emissions Unit ID: P014 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
grease manufacturing kettle #37 (capacity 7,625 gallons) with homogenizer unit	OAC rule 3745-17-11	Particulate emissions (PE) shall not exceed 2.91 pounds per hour (lbs/hr).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-07(B)(1)	Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. See A.I.2.c.

OAC rule 3745-17-08(B)	Visible particulate emissions of fugitive dust shall be minimized by employing reasonably available control measures (RACM). See A.I.2.d.
OAC rule 3745-21-07(G)(1)	exempt (See A.I.2.a)
OAC rule 3745-21-07(G)(2)	exempt (See A.I.2.b)

2. **Additional Terms and Conditions**

- a. The materials employed in this emissions unit neither come in contact with flame nor are baked, heat-cured, or heat-polymerized, in the presence of oxygen. Therefore, OAC rule 3745-21-07(G)(1) does not apply to this emissions unit.
- b. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).
- c. For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to: doorways, windows, and roof monitors.
- d. Reasonably available control measures (RACM) to minimize or eliminate visible emissions of fugitive dust when handling dry raw materials and charging dry raw materials into the kettle shall include, but not be limited to: appropriate housekeeping measures to prevent fugitive dust from becoming airborne.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the building housing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions from the building are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

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IV. **Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
3. The permittee shall submit semiannual written reports which (a) identify all days during which any visible fugitive particulate emissions were observed from the building housing this emissions unit and (b) describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be

submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following:

Emission Limitation -
2.91 lbs PE/hr

Applicable Compliance Method(s) -
Compliance with the particulate emission limitation may be based on the emission factor from the latest stack test for this emissions unit or a similar emissions unit and the following equation:

$$E = [(EF) \times (W)] / [T]$$

E = hourly particulate emissions rate, (lb/hr)
EF = emission factor from the latest stack test. The latest stack test was performed for emissions unit P015 on September 1 & 2, 1998, at which time an emission factor of .0733 lb PE/ton was documented.
W = process weight rate for the batch operation, (tons)
T = total duration of the batch, (hours)

If required, compliance shall be determined through stack testing in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A, and the procedures in OAC rule 3745-17-03(B)(10).

2. Emission Limitation -
20% opacity, as a 6-minute average

Applicable Compliance Method(s) -
If required, compliance shall be determined by visible emissions evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

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VI. **Miscellaneous Requirements**

1. As required under OAC rule 3745-21-11, the permittee shall conduct, or have conducted, a detailed engineering study to determine the technical and economic feasibility of reducing the VOC emissions from the sources at the facility for which the requirements of rule 3745-21-09 of the Administrative Code do not apply. The detailed engineering study shall be conducted by an engineering consulting firm or other person or persons experienced in the field of air pollution control, and it shall provide the information required in OAC rule 3745-21-11. The study shall be conducted and submitted within six months from the date of issuance of this final Title V permit.

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Facility ID: 1318000813 Emissions Unit ID: P014 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. **Additional Terms and Conditions**

1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 1318000813 Emissions Unit ID: P015 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
grease manufacturing kettle #38 (capacity 7,625 gallons) with homogenizer unit	OAC rule 3745-17-11	Particulate emissions (PE) shall not exceed 2.91 pounds per hour (lbs/hr).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-07(B)(1)	Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. See A.I.2.c.
	OAC rule 3745-17-08(B)	Visible particulate emissions of fugitive dust shall be minimized by employing reasonably available control measures (RACM). See A.I.2.d.
	OAC rule 3745-21-07(G)(1)	exempt (See A.I.2.a)
	OAC rule 3745-21-07(G)(2)	exempt (See A.I.2.b)

- 2. **Additional Terms and Conditions**

- a. The materials employed in this emissions unit neither come in contact with flame nor are baked, heat-cured, or heat-polymerized, in the presence of oxygen. Therefore, OAC rule 3745-21-07(G)(1) does not apply to this emissions unit.
- b. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).
- c. For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to: doorways, windows, and roof monitors.
- d. Reasonably available control measures (RACM) to minimize or eliminate visible emissions of fugitive dust when handling dry raw materials and charging dry raw materials into the kettle shall include, but not be limited to: appropriate housekeeping measures to prevent fugitive dust from becoming airborne.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the building housing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions from the building are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the visible emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
3. The permittee shall submit semiannual written reports which (a) identify all days during which any visible fugitive particulate emissions were observed from the building housing this emissions unit and (b) describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following:
Emission Limitation -
2.91 lbs PE/hr

Applicable Compliance Methods -
Compliance shall be determined using Methods 1 through 5 of 40 CFR Part 60, Appendix A.

The emission testing shall be conducted within 3 months of issuance of this permit and 6 months prior to permit expiration.

The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for PE.

The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity and shall include the period during which the raw materials are charged into the kettle, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s). Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).
- a. Compliance with the particulate emission limitation may be based on the emission factor from the latest stack test for this emissions unit or a similar emissions unit and the following equation:

$$E = [(EF) \times (W)] / [T]$$

E = hourly particulate emissions rate, (lb/hr)
EF = emission factor from the latest stack test. The latest stack test was performed for emissions unit P015 on September 1 & 2, 1998, at which time an emission factor of .0733 lb PE/ton was documented.
W = process weight rate for the batch operation, (tons)
T = total duration of the batch, (hours)

If required, compliance shall be determined through stack testing in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A, and the procedures in OAC rule 3745-17-03(B)(10).
2. If required, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

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VI. **Miscellaneous Requirements**

1. As required under OAC rule 3745-21-11, the permittee shall conduct, or have conducted, a detailed engineering study to determine the technical and economic feasibility of reducing the VOC emissions from the sources at the facility for which the requirements of rule 3745-21-09 of the Administrative Code do not apply. The detailed engineering study shall be conducted by an engineering consulting firm or other person or persons experienced in the field of air pollution control, and it shall provide the information required in OAC rule 3745-21-11. The study shall be conducted and submitted within six months from the date of issuance of this final Title V permit.

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B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. **Additional Terms and Conditions**

1. None

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- II. **Operational Restrictions**

1. None

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- III. **Monitoring and/or Record Keeping Requirements**

1. None

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- IV. **Reporting Requirements**

1. None

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- V. **Testing Requirements**

1. None

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- VI. **Miscellaneous Requirements**

1. None