

Facility ID: 0819070068 Issuance type: Title V Final 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:
 - Z001 No. 1 Pre-curl compound machine
 - Z002 No. 2 Pre-curl compound machine
 - Z003 No. 3 Pre-curl compound machine
 - Z004 Auto-cleat welder
 - Z005 Gasket cover machine
 - Z006 2-person cleat welder
 - Z007 Off-line sheet grinder
 - Z008 Seam welder
 - Z009 Auto ear welder
 - Z010 Waste filter press
 - Z011 Cooling tunnel exhausts

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.
2. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.

- [Go to Part III for Emissions Unit K001](#)
- [Go to Part III for Emissions Unit K002](#)
- [Go to Part III for Emissions Unit P003](#)
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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0819070068 Emissions Unit ID: K001 Issuance type: Title V Final 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>
Exterior pail booth and oven, miscellaneous metal parts coating line	3745-21-09(U)(1)(f)	3.5 lbs VOC/gallon coating excluding water and exempt solvents, as a daily volume-weighted average; 1.09 lbs/hr particulate matter
	3745-17-11	

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

1. This emissions unit shall employ a water wash exhaust gas filtration system at all times while the emissions unit is in operation.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the line:
 - a. The name and identification number of each coating, as applied.
 - b. The VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied.
 - c. The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for Cvoc,2.
2. The permittee shall maintain a log of the time(s) the water wash exhaust filtration system is not functioning.

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IV. Reporting Requirements

1. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. This notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office or local air agency) within 45 days after the exceedance occurs.

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation -
3.5 lbs VOC/gallon coating excluding water and exempt solvents, as a daily volume-weighted average

Applicable Compliance Method -
OAC rule 3745-21-10(B). Formulation data or USEPA Reference Method 24 shall be used to determine the organic compound content of the coatings.
 - b. Emission Limitation:
1.09 lbs particulate matter/hr

Applicable Compliance Method:
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

E = maximum coating solids usage rate (in pounds per hour) X (1-TE) X (1-CE)

E = particulate matter emissions rate (lbs/hr)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

CE = control efficiency of the control equipment

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0819070068 Emissions Unit ID: K001 Issuance type: Title V Final 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: 0819070068 Emissions Unit ID: K002 Issuance type: Title V Final 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>
Interior pail booth and oven, miscellaneous metal parts coating line	3745-21-09(U)(1)(e)	4.3 lbs VOC/gallon coating excluding water and exempt solvents, as a daily volume-weighted average; 1.67 lbs/hr particulate matter
	3745-17-11	

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

- 1. This emissions unit shall employ a dry filter system at all times while the emissions unit is in operation.

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

- 1. The permittee shall collect and record the following information each day for the line:
 - a. The name and identification number of each coating, as applied.

- b. The VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied.
 - c. The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for Cvoc,2.
- 2. The permittee shall maintain a log of the time(s) the dry filter system is not functioning.

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IV. Reporting Requirements

- 1. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. This notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office or local air agency) within 45 days after the exceedance occurs.

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V. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation -
4.3 lbs VOC/gallon coating excluding water and exempt solvents, as a daily volume-weighted average

Applicable Compliance Method -
OAC rule 3745-21-10(B). Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings.
 - b. Emission Limitation:
1.67 lb particulate matter/hr

Applicable Compliance Method:
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

$$E = \text{maximum coating solids usage rate (in pounds per hour)} \times (1 - TE) \times (1 - CE)$$

$$E = \text{particulate matter emissions rate (lbs/hr)}$$

$$TE = \text{transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used}$$

$$CE = \text{control efficiency of the control equipment}$$

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0819070068 Emissions Unit ID: K002 Issuance type: Title V Final 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> |
|---|---|--------------------------------------|--|
| 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: 0819070068 Emissions Unit ID: P003 Issuance type: Title V Final 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>
2. Additional Terms and Conditions			
(a)	None		

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II. Operational Restrictions

1. The maximum daily coating usage for this emissions unit shall not exceed 10 gallons pursuant to OAC rule 3745-21-09(U)(2)(e)(ii).

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating line:
 - a. The name and identification number of each coating employed.
 - b. The volume, in gallons, of each coating employed.
 - c. The total volume, in gallons, of all of the coatings employed.

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IV. Reporting Requirements

1. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. This notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office or local air agency) within 45 days after the exceedance occurs.

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0819070068 Emissions Unit ID: P003 Issuance type: Title V Final 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>
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: 0819070068 Emissions Unit ID: P004 Issuance type: Title V Final 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>
Press-lube curl flange lubrication	3745-21-07(G)(2)	8 lbs/hour and 40 lbs/day organic compounds
2. Additional Terms and Conditions		
(a) None		

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II. **Operational Restrictions**

- 1. None

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

- 1. The permittee shall collect and record the following information each day for the lubricating operation:
 - a. The company identification for the lubricant employed.
 - b. The number of gallons of lubricant employed.

- c. The organic compound content of the lubricant, in pounds per gallon.
- d. The organic compound emission rate for the lubricant, in pounds per day.
- e. The total number of hours the emissions unit was in operation.
- f. The average hourly organic compound emission rate for the lubricant, i.e., (d)/(e), in pounds per hour (average).

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IV. Reporting Requirements

- 1. The permittee shall submit deviation (excursion) reports which include the following information. Such reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the deviation (excursion) occurs.
 - a. An identification of each day during which the average hourly organic compound emission rate (from lubricants) exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for each such day.
 - b. An identification of each day during which the organic compound emission rate (from lubricants) exceeded 40 pounds per day, and the actual organic compound emission rate for each such day.

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V. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation -
8 lbs/hour organic compounds

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in (III)(1).
 - b. Emission Limitation -
40 lbs/day organic compounds

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in (III)(1).

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0819070068 Emissions Unit ID: P004 Issuance type: Title V Final 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</u>
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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: 0819070068 Emissions Unit ID: P005 Issuance type: Title V Final 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>
Eleven (11) pail parts forming presses lubrication and flash-off oven	3745-21-07(G)	use of only non-photochemically reactive materials as that term is defined in OAC rule 3745-21-01(C)(5)

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

1. Propylene glycol, a non-photochemically reactive material, shall be the only organic compound used in this emissions unit.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the coating operation:
 - a. The number of gallons of propylene glycol employed.
 - b. The density (lbs/gal) of propylene glycol.
 - c. The total organic compound emissions from propylene glycol, i.e., (a) x (b).

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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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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>
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