

Facility ID: 0819070234 Issuance type: Final State Permit To Operate

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 II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

- [Go to Part II for Emissions Unit K001](#)
- [Go to Part II for Emissions Unit K002](#)
- [Go to Part II for Emissions Unit K003](#)
- [Go to Part II for Emissions Unit K004](#)
- [Go to Part II for Emissions Unit K005](#)
- [Go to Part II for Emissions Unit K006](#)
- [Go to Part II for Emissions Unit K007](#)
- [Go to Part II for Emissions Unit K008](#)
- [Go to Part II for Emissions Unit K009](#)
- [Go to Part II for Emissions Unit K010](#)
- [Go to Part II for Emissions Unit L001](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0819070234 Emissions Unit ID: K001 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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>
Multi 1650 MC lithographic offset printer No. 1	OAC rule 3745-31-05(A)(3) PTI 08-3958	0.09 lb/hour and 2.16 lbs/day organic compounds (OC), excluding cleanup;
	OAC rule 3745-21-07(G)(2)	2.35 TPY OC, including cleanup less stringent than the OC limit above

2. **Additional Terms and Conditions**
 - (a) The 0.09 lb/hour and 2.16 lbs/day OC limitations were developed for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping and/or reporting requirements to ensure compliance with these limits.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the lithographic offset printing presses No. 1 and 2 (emissions units K001 and K002) combined:
 - a. the name and identification of each ink and cleanup material employed;
 - b. the OC content of each ink and cleanup material, in pounds per gallon;
 - c. the number of gallons of each ink and cleanup material employed;
 - d. the total OC emissions from all inks and cleanup materials employed, in pounds or tons; and,
 - e. the total OC emissions from all inks and cleanup materials for each emissions unit, i.e., (d)/2.

D. Reporting Requirements

1. The permittee shall submit annual reports which identify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - Emission Limitation -
0.09 lb/hour OC, excluding cleanup
 - Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly ink usage by the maximum OC content of all inks employed.
 - Emission Limitation -
2.16 lbs/day OC, excluding cleanup
 - Applicable Compliance Method -
The 2.16 lbs/day OC limitation was developed by multiplying the hourly allowable emission rate of 0.09 lb/hour OC by the maximum daily operating schedule of 24 hours/day.
 - Emission Limitation -
2.35 TPY OC, including cleanup
 - Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in C.1. and shall be the sum of the twelve monthly OC emission rates for the calendar year.

F. Miscellaneous Requirements

1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0819070234 Emissions Unit ID: K002 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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>
Multi 1650 MC lithographic offset printer No. 2	OAC rule 3745-31-05(A)(3) PTI 08-3958	0.09 lb/hour and 2.16 lbs/day organic compounds (OC), excluding cleanup;
	OAC rule 3745-21-07(G)(2)	2.35 TPY OC, including cleanup less stringent than the OC limit above

2. Additional Terms and Conditions

- (a) The 0.09 lb/hour and 2.16 lbs/day OC limitations were developed for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping and/or reporting requirements to ensure compliance with these limits.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the lithographic offset printing presses No. 1 and 2 (emissions units K001 and K002) combined:
 - a. the name and identification of each ink and cleanup material employed;
 - b. the OC content of each ink and cleanup material, in pounds per gallon;
 - c. the number of gallons of each ink and cleanup material employed;
 - d. the total OC emissions from all inks and cleanup materials employed, in pounds or tons; and,

- e. the total OC emissions from all inks and cleanup materials for each emissions unit, i.e., (d)/2.
- D. **Reporting Requirements**
 - 1. The permittee shall submit annual reports which identify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
- E. **Testing Requirements**
 - 1. Compliance with the emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - Emission Limitation -
0.09 lb/hour OC, excluding cleanup
 - Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly ink usage by the maximum OC content of all inks employed.
 - Emission Limitation -
2.16 lbs/day OC, excluding cleanup
 - Applicable Compliance Method -
The 2.16 lbs/day OC limitation was developed by multiplying the hourly allowable emission rate of 0.09 lb/hour OC by the maximum daily operating schedule of 24 hours/day.
 - Emission Limitation -
2.35 TPY OC, including cleanup
 - Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in C.1. and shall be the sum of the twelve monthly OC emission rates for the calendar year.
- F. **Miscellaneous Requirements**
 - 1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0819070234 Emissions Unit ID: K003 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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>
Screen printer No. 1, metal plaques	OAC rule 3745-31-05(A)(3) PTI 08-3958	0.33 lb/hour and 7.92 lbs/day OC, excluding cleanup;
	OAC rule 3745-21-07(G)(2)	1.69 TPY OC, including cleanup less stringent than the OC limit above

2. Additional Terms and Conditions

- (a) The 0.33 lb/hour and 7.92 lbs/day OC limitations have been established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping and/or reporting requirements to ensure compliance with these limits.

B. Operational Restrictions

- 1. None

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall collect and record the following information each month for metal plaque screen printing presses No. 1 and 2 (emissions units K003 and K004) combined:
 - a. the name and identification of each ink and cleanup material employed;

- b. the OC content of each ink and cleanup material, in pounds per gallon;
- c. the number of gallons of each ink and cleanup material employed;
- d. the total OC emissions from all inks and cleanup materials employed, in pounds or tons; and,
- e. the total OC emissions from all inks and cleanup materials for each emissions unit, i.e., (d)/2.
- D. **Reporting Requirements**
 - 1. The permittee shall submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
- E. **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):
 - Emissions Limitation -
0.33 lb/hour OC, excluding cleanup
 - Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly ink usage by the maximum allowable OC content of inks employed.
 - Emission Limitation -
7.92 lbs/day OC, excluding cleanup
 - Applicable Compliance Method -
The 7.92 lbs/day OC limit was developed by multiplying the hourly allowable emission rate of 0.33 lb/hour OC by the maximum daily operating schedule of 24 hours/day.
 - Emission Limitation -
1.69 TPY OC, including cleanup
 - Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in C.1. and shall be the sum of the twelve monthly OC emission rates for the calendar year.
- F. **Miscellaneous Requirements**
 - 1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0819070234 Emissions Unit ID: K004 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.
- A. **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>
Screen printer No. 2, metal plaques	OAC rule 3745-31-05(A)(3) PTI 08-3958	0.33 lb/hour and 7.92 lbs/day OC, excluding cleanup; 1.69 TPY OC, including cleanup
	OAC rule 3745-21-07(G)(2)	less stringent than the OC limit above
 - 2. **Additional Terms and Conditions**
 - (a) The 0.33 lb/hour and 7.92 lbs/day OC limitations have been established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping and/or reporting requirements to ensure compliance with these limits.
- B. **Operational Restrictions**
 - 1. None
- C. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each month for metal plaque screen printing presses No. 1 and 2 (emissions units K003 and K004) combined:
 - a. the name and identification of each ink and cleanup material employed;
 - b. the OC content of each ink and cleanup material, in pounds per gallon;
 - c. the number of gallons of each ink and cleanup material employed;
 - d. the total OC emissions from all inks and cleanup materials employed, in pounds or tons; and,
 - e. the total OC emissions from all inks and cleanup materials for each emissions unit, i.e., (d)/2.
- D. **Reporting Requirements**
1. The permittee shall submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
- E. **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):

Emissions Limitation -
0.33 lb/hour OC, excluding cleanup

Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly ink usage by the maximum allowable OC content of inks employed.

Emission Limitation -
7.92 lbs/day OC, excluding cleanup

Applicable Compliance Method -
The 7.92 lbs/day OC limit was developed by multiplying the hourly allowable emission rate of 0.33 lb/hour OC by the maximum daily operating schedule of 24 hours/day.

Emission Limitation -
1.69 TPY OC, including cleanup

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in C.1. and shall be the sum of the twelve monthly OC emission rates for the calendar year.
- F. **Miscellaneous Requirements**
1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0819070234 Emissions Unit ID: K005 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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>
Screen printer No. 3, certificates	OAC rule 3745-31-05(A)(3) PTI 08-3958	0.33 lb/hour and 7.92 lbs/day OC, excluding cleanup;
	OAC rule 3745-21-07(G)(2)	1.69 TPY OC, including cleanup less stringent than the OC limit above

2. Additional Terms and Conditions

- (a) The 0.33 lb/hour and 7.92 lbs/day OC limitations have been established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping and/or

- reporting requirements to ensure compliance with these limits.
- B. Operational Restrictions**
- 1. None
- C. Monitoring and/or Record Keeping Requirements**
- 1. The permittee shall collect and record the following information each month for certificate screen printing presses No. 3 and 4 (emissions units K005 and K006) combined:
 - a. the name and identification of each ink and cleanup material employed;
 - b. the OC content of each ink and cleanup material, in pounds per gallon;
 - c. the number of gallons of each ink and cleanup material employed;
 - d. the total OC emissions from all inks and cleanup materials employed, in pounds or tons; and,
 - e. the total OC emissions from all inks and cleanup materials for each emissions unit, i.e., (d)/2.
- D. Reporting Requirements**
- 1. The permittee shall submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
- E. 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):
 - Emissions Limitation -
0.33 lb/hour OC, excluding cleanup
 - Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly ink usage by the maximum allowable OC content of inks employed.
 - Emission Limitation -
7.92 lbs/day OC, excluding cleanup
 - Applicable Compliance Method -
The 7.92 lbs/day OC limit was developed by multiplying the hourly allowable emission rate of 0.33 lb/hour OC by the maximum daily operating schedule of 24 hours/day.
 - Emission Limitation -
1.69 TPY OC, including cleanup
 - Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in C.1. and shall be the sum of the twelve monthly OC emission rates for the calendar year.
- F. Miscellaneous Requirements**
- 1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0819070234 Emissions Unit ID: K006 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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>
Screen printer No. 4, certificates	OAC rule 3745-31-05(A)(3) PTI 08-3958	0.33 lb/hour and 7.92 lbs/day OC, excluding cleanup;

- 1.69 TPY OC, including cleanup
less stringent than the OC limit above
- OAC rule 3745-21-07(G)(2)
2. **Additional Terms and Conditions**
- (a) The 0.33 lb/hour and 7.92 lbs/day OC limitations have been established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping and/or reporting requirements to ensure compliance with these limits.
- B. **Operational Restrictions**
1. None
- C. **Monitoring and/or Record Keeping Requirements**
1. The permittee shall collect and record the following information each month for certificate screen printing presses No. 3 and 4 (emissions units K005 and K006) combined:
- a. the name and identification of each ink and cleanup material employed;
 - b. the OC content of each ink and cleanup material, in pounds per gallon;
 - c. the number of gallons of each ink and cleanup material employed;
 - d. the total OC emissions from all inks and cleanup materials employed, in pounds or tons; and,
 - e. the total OC emissions from all inks and cleanup materials for each emissions unit, i.e., (d)/2.
- D. **Reporting Requirements**
1. The permittee shall submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
- E. **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):
- Emissions Limitation -
0.33 lb/hour OC, excluding cleanup
- Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly ink usage by the maximum allowable OC content of inks employed.
- Emission Limitation -
7.92 lbs/day OC, excluding cleanup
- Applicable Compliance Method -
The 7.92 lbs/day OC limit was developed by multiplying the hourly allowable emission rate of 0.33 lb/hour OC by the maximum daily operating schedule of 24 hours/day.
- Emission Limitation -
1.69 TPY OC, including cleanup
- Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in C.1. and shall be the sum of the twelve monthly OC emission rates for the calendar year.
- F. **Miscellaneous Requirements**
1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0819070234 Emissions Unit ID: K007 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
- (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
- (a) None.
- A. **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>
Screen printer No. 5, decals	OAC rule 3745-31-05(A)(3) PTI 08-3958	0.26 lb/hour and 6.24 lbs/day OC, excluding cleanup;
	OAC rule 3745-21-07(G)(2)	1.95 TPY OC, including cleanup less stringent than the OC limit above

2. Additional Terms and Conditions

- (a) The 0.26 lb/hour and 6.24 lbs/day OC limitations have been established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping and/or reporting requirements to ensure compliance with these limits.

B. Operational Restrictions

- 1. None

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall collect and record the following information each month for decal screen printing presses Nos. 5, 6, 7, and 8 (emissions units K007, K008, K009, and K010) combined:
 - a. the name and identification of each ink and cleanup material employed;
 - b. the OC content of each ink and cleanup material, in pounds per gallon;
 - c. the number of gallons of each ink and cleanup material employed;
 - d. the total OC emissions from all inks and cleanup materials employed, in pounds or tons; and,
 - e. the total OC emissions from all inks and cleanup materials for each emissions unit, i.e., (d)/4.

D. Reporting Requirements

- 1. The permittee shall submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. 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):
 - Emissions Limitation -
0.26 lb/hour OC, excluding cleanup
 - Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly ink usage by the maximum allowable OC content of inks employed.
 - Emission Limitation -
6.24 lbs/day OC, excluding cleanup
 - Applicable Compliance Method -
The 6.24 lbs/day OC limit was developed by multiplying the hourly allowable emission rate of 0.26 lb/hour OC by the maximum daily operating schedule of 24 hours/day.
 - Emission Limitation -
1.95 TPY OC, including cleanup
 - Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in C.1. and shall be the sum of the twelve monthly OC emission rates for the calendar year.

F. Miscellaneous Requirements

- 1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0819070234 Emissions Unit ID: K008 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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>
Screen printer No. 6, decals	OAC rule 3745-31-05(A)(3) PTI 08-3958	0.26 lb/hour and 6.24 lbs/day OC, excluding cleanup; 1.95 TPY OC, including cleanup less stringent than the OC limit above
	OAC rule 3745-21-07(G)(2)	

2. Additional Terms and Conditions

- (a) The 0.26 lb/hour and 6.24 lbs/day OC limitations have been established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping and/or reporting requirements to ensure compliance with these limits.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for decal screen printing presses Nos. 5, 6, 7, and 8 (emissions units K007, K008, K009, and K010) combined:
 - a. the name and identification of each ink and cleanup material employed;
 - b. the OC content of each ink and cleanup material, in pounds per gallon;
 - c. the number of gallons of each ink and cleanup material employed;
 - d. the total OC emissions from all inks and cleanup materials employed, in pounds or tons; and,
 - e. the total OC emissions from all inks and cleanup materials for each emissions unit, i.e., (d)/4.

D. Reporting Requirements

1. The permittee shall submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. 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):

Emissions Limitation -
0.26 lb/hour OC, excluding cleanup

Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly ink usage by the maximum allowable OC content of inks employed.

Emission Limitation -
6.24 lbs/day OC, excluding cleanup

Applicable Compliance Method -
The 6.24 lbs/day OC limit was developed by multiplying the hourly allowable emission rate of 0.26 lb/hour OC by the maximum daily operating schedule of 24 hours/day.

Emission Limitation -
1.95 TPY OC, including cleanup

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in C.1. and shall be the sum of the twelve monthly OC emission rates for the calendar year.

F. Miscellaneous Requirements

1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0819070234 Emissions Unit ID: K009 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

- (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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>
Screen printer No. 7, decals	OAC rule 3745-31-05(A)(3) PTI 08-3958	0.26 lb/hour and 6.24 lbs/day OC, excluding cleanup;
	OAC rule 3745-21-07(G)(2)	1.95 TPY OC, including cleanup less stringent than the OC limit above

2. Additional Terms and Conditions

- (a) The 0.26 lb/hour and 6.24 lbs/day OC limitations have been established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping and/or reporting requirements to ensure compliance with these limits.

B. Operational Restrictions

- 1. None

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall collect and record the following information each month for decal screen printing presses Nos. 5, 6, 7, and 8 (emissions units K007, K008, K009, and K010) combined:
 - a. the name and identification of each ink and cleanup material employed;
 - b. the OC content of each ink and cleanup material, in pounds per gallon;
 - c. the number of gallons of each ink and cleanup material employed;
 - d. the total OC emissions from all inks and cleanup materials employed, in pounds or tons; and,
 - e. the total OC emissions from all inks and cleanup materials for each emissions unit, i.e., (d)/4.

D. Reporting Requirements

- 1. The permittee shall submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. 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):
 - Emission Limitation -
0.26 lb/hour OC, excluding cleanup
 - Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly ink usage by the maximum allowable OC content of inks employed.
 - Emission Limitation -
6.24 lbs/day OC, excluding cleanup
 - Applicable Compliance Method -
The 6.24 lbs/day OC limit was developed by multiplying the hourly allowable emission rate of 0.26 lb/hour OC by the maximum daily operating schedule of 24 hours/day.
 - Emission Limitation -
1.95 TPY OC, including cleanup
 - Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in C.1. and shall be the sum of the twelve monthly OC emission rates for the calendar year.

F. Miscellaneous Requirements

- 1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0819070234 Emissions Unit ID: K010 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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>
Screen printer No. 8, decals	OAC rule 3745-31-05(A)(3) PTI 08-3958	0.26 lb/hour and 6.24 lbs/day OC, excluding cleanup;
	OAC rule 3745-21-07(G)(2)	1.95 TPY OC, including cleanup less stringent than the OC limit above

2. Additional Terms and Conditions

- (a) The 0.26 lb/hour and 6.24 lbs/day OC limitations have been established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping and/or reporting requirements to ensure compliance with these limits.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for decal screen printing presses Nos. 5, 6, 7, and 8 (emissions units K007, K008, K009, and K010) combined:
 - a. the name and identification of each ink and cleanup material employed;
 - b. the OC content of each ink and cleanup material, in pounds per gallon;
 - c. the number of gallons of each ink and cleanup material employed;
 - d. the total OC emissions from all inks and cleanup materials employed, in pounds or tons; and,
 - e. the total OC emissions from all inks and cleanup materials for each emissions unit, i.e., (d)/4.

D. Reporting Requirements

1. The permittee shall submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. 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):

Emissions Limitation -
0.26 lb/hour OC, excluding cleanup

Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly ink usage by the maximum allowable OC content of inks employed.
Emission Limitation -
6.24 lbs/day OC, excluding cleanup

Applicable Compliance Method -
The 6.24 lbs/day OC limit was developed by multiplying the hourly allowable emission rate of 0.26 lb/hour OC by the maximum daily operating schedule of 24 hours/day.
Emission Limitation -
1.95 TPY OC, including cleanup

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in C.1. and shall be the sum of the twelve monthly OC emission rates for the calendar year.

F. Miscellaneous Requirements

1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0819070234 Emissions Unit ID: L001 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. 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>
Special products solvent cleanup dip tank	OAC rule 3745-31-05(A)(3) PTI 08-3958 OAC rule 3745-21-09(O)	1428 lbs/month and 8.57 TPY volatile organic compounds (VOC) See B.1., B.2., and B.3.

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. The cold cleaner shall be operated with a cover, and if the solvent has a vapor pressure greater than 0.3 pound per square inch absolute, measured at 100 degrees Fahrenheit or, if the solvent is heated or agitated, the cover shall be designed and constructed so that it can be easily operated with one hand.
2. The cold cleaner shall be equipped with a device for draining the cleaned parts; and if the solvent has a vapor pressure greater than 0.6 pound per square inch absolute, measured at 100 degrees Fahrenheit, the drainage facility shall be constructed internally so that parts are enclosed under the cover during draining, unless an internal type drainage device cannot fit into the cleaning system.
3. The cold cleaner shall be operated and maintained in accordance with the following practices to minimize solvent evaporation from the unit:
 - a. provide a permanent, legible, conspicuous label, summarizing the operating requirements;
 - b. store waste solvent in covered containers;
 - c. close the cover whenever parts are not being handled in the cleaner;
 - d. drain the cleaned parts until dripping ceases;
 - e. if used, supply a solvent spray that is a solid fluid stream (not a fine, atomized, or shower-type spray) at a pressure that does not exceed 10 pounds per square inch gauge; and,
 - f. clean only materials that are neither porous nor absorbent.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the special products solvent cold cleaner:
 - a. the name and identification number of the solvents employed in the cold cleaner;
 - b. the VOC content of the solvents employed, in pounds per gallon;
 - c. the number of gallons of solvent employed;
 - d. the number of gallons of solvent recycled or disposed; and,
 - e. the total VOC emissions, in pounds per month.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports which include an identification of each month during which the organic compound emissions from the cleanup solvent materials in this emissions unit exceeded 1428 pounds per month, and the actual organic compound emissions for each such month. These quarterly deviation (excursion) reports shall be submitted in accordance with paragraph 3 of the General Terms and Conditions of this permit.

E. 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):
 - Emission Limitation -
1428 lbs/month VOC

 - Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in C.1.
 - Emission Limitation -
8.57 TPY VOC

 - Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in C.1. and shall be the sum of the twelve monthly VOC emission rates for the calendar year, divided by 2,000 pounds per ton.

F. **Miscellaneous Requirements**

1. None