



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

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Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

**RE: FINAL PERMIT TO INSTALL
STARK COUNTY
Application No: 15-01513**

CERTIFIED MAIL

	TOXIC REVIEW
	PSD
	SYNTHETIC MINOR
	CEMS
	MACT
Kb	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

DATE: 9/5/2002

RECEIVED

SEP 09 2002

CANTON CITY HEALTH DEPT.
AIR POLLUTION DIVISION

Collins and Aikman
Cid Vance
PO Box 8650 1212 Seventh Street SW
Canton, OH 44711

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Michael W. Ahern

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

cc: USEPA

Canton LAA



Permit To Install
Terms and Conditions

Issue Date: 9/5/2002
Effective Date: 9/5/2002

FINAL PERMIT TO INSTALL 15-01513

Application Number: 15-01513
APS Premise Number: 1576050214
Permit Fee: **\$2600**
Name of Facility: Collins and Aikman
Person to Contact: Cid Vance
Address: PO Box 8650 1212 Seventh Street SW
Canton, OH 44711

Location of proposed air contaminant source(s) [emissions unit(s)]:
**1212 Seventh Street SW
Canton, Ohio**

Description of proposed emissions unit(s):
2 mixing lines, cast line, 2 silos and two 15,000 gallon asphalt storage tanks.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the

Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional

facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

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

11. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
PE	11.60
VOC	0.2

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 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>
P013 - Bulk Clay/Limestone Handling System with Total Enclosure and Fabric Filter Control; including Pneumatic Rail Car Unloading, Pneumatic Conveyors, Three Storage Silos, Two Use Bins, and Weigh Hoppers. Modification by installing two new silos (clay and limestone) and handling limestone. This PTI supercedes PTI 15-1177 issued on 6/7/95.	OAC rule 3745-31-05 (A)(3)	The particulate emissions (PE) from all three silos shall not exceed 0.02 grain per dry standard cubic foot of exhaust gases, 0.76 lb/hr, and 3.33 tons/yr. The visible emissions from the three fabric filters serving each silo shall not exceed 5% opacity, as a 6-minute average.
	OAC 3745-17-07 (A)(1)	See sections A.2.a and A.2.b below.
	OAC rule 3745-17-11	The visible emission restriction established by this rule is less stringent than the visible emission restriction established pursuant to OAC rule 3745-31-05 (A)(3). The emission limitation established by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05 (A)(3).

2. Additional Terms and Conditions

- 2.a This emissions unit shall be totally enclosed with the only discharge through the three fabric filters serving each of the three silos.
- 2.b There shall be no visible fugitive emissions from this emissions unit.

B. Operational Restrictions

1. The pressure drop across the three fabric filters shall be maintained according to the manufacturer's recommendations while the emissions unit is in operation.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the three fabric filters while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the three fabric filters on daily basis.

D. Reporting Requirements

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the three fabric filters did not comply with the allowable range specified above.

E. 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. Emissions Limitation:

The particulate emissions (PE) from all three silos shall not exceed 0.02 grain per dry standard cubic foot of exhaust gases, 0.76 lb/hr, and 3.33 tons/yr.

Applicable Compliance Method:

If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03 (B)(7).

Existing Silo

$(0.02 \text{ gr/dscf})(1,423 \text{ scfm})(60 \text{ min/hr})(\text{lb}/7000 \text{ grains}) = 0.24 \text{ lb PE/hr}$
 $0.24 \text{ lb PE/hr} \times 8,760 \text{ hrs/yr} \times 1 \text{ ton}/2,000 \text{ lbs} = 1.05 \text{ tons PE/yr}$

New Clay Silo

$0.02 \text{ gr/dscf}(1,500 \text{ scfm})(60 \text{ min/hr})(\text{lb}/7000 \text{ grains}) = 0.26 \text{ lb PE/hr}$
 $0.26 \text{ lb PE/hr} \times 8,760 \text{ hrs/yr} \times 1 \text{ ton}/2,000 \text{ lbs} = 1.14 \text{ tons PE/yr}$

New Limestone Silo

$0.02 \text{ gr/dscf}(1,500 \text{ scfm})(60 \text{ min/hr})(\text{lb}/7000 \text{ grains}) = 0.26 \text{ lb PE/hr}$
 $0.26 \text{ lb PE/hr} \times 8,760 \text{ hrs/yr} \times 1 \text{ ton}/2,000 \text{ lbs} = 1.14 \text{ tons PE/yr}$

0.24 lb PE/hr	1.05 tons PE/yr	Existing silo
0.26 lb PE/hr	1.14 tons PE/yr	New clay silo
0.26 lb PE/hr	1.14 tons PE/yr	New limestone silo
0.76 lb PE/hr	3.33 tons PE/yr	Total

b. Emissions Limitation:

The visible emissions from the fabric filter serving the three silos shall not exceed 5% opacity, as a 6-minute average.

Applicable Compliance Method:

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

F. Miscellaneous Requirements

None

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(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 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>
P016 - Banbury Mixing Line No. 1 with fabric filter and with internal stack	OAC rule 3745-31-05 (A)(3)	The particulate emissions (PE) from the stack shall not exceed 0.01 grain per dry standard cubic foot of exhaust gases, 0.69 lb/hr, and 3.02 tons/yr.
	OAC 3745-17-07(B)(1)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(B)(1) and 3745-17-08(B).
	OAC rule 3745-17-08(B)	See sections A.2.a below.
		See sections A.2.b below.
		See sections A.2.c below.

2. Additional Terms and Conditions

- 2.a** The 0.69 lb/hr particulate emissions limitation was established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.
- 2.b** Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. 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.
- 2.c** The permittee shall minimize or eliminate visible fugitive particulate emissions through the employment of reasonably available control measures (RACM). These measures shall include, but not be limited to, the following:

- i. the installation and use of hoods, fans, and other equipment to adequately enclose, contain, capture, and vent the fugitive dust; and
- ii. the collection efficiency shall be sufficient to minimize or eliminate visible particulate emissions of fugitive dust at the point(s) of capture to the extent possible with good engineering design.

B. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained according to the manufacturer's recommendations while the emissions unit is in operation.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse once a day when this emissions unit is in operation. The unit for pressure drop shall be inches of water column.

D. Reporting Requirements

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the fabric filter did not comply with the allowable range specified above. The deviation report shall be submitted in accordance with the General Terms and Conditions of this permit.

E. 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. Emissions Limitation:
The particulate emissions (PE) shall not exceed 0.01 grain per dry standard cubic foot of exhaust gases.

Applicable Compliance Method:
If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03 (B)(7).
 - b. Emissions Limitation:
0.69 lb/hr particulate emissions

Applicable Compliance Method:

The 0.69 lb/hr particulate emission rate was developed in the following manner:

$$(0.01 \text{ gr/dscf})(8,000 \text{ scfm})(60 \text{ min/hr})(\text{lb}/7000 \text{ grains}) = 0.69 \text{ lb/hr}$$

c. Emissions Limitation:

3.02 tons/yr particulate emissions

Applicable Compliance Method:

The 3.02 tons/yr particulate emission limitation was developed by multiplying the maximum hourly emission rate of 0.69 lb/hr by 8760 hrs/yr and dividing by 2000 lbs/ton.

d. Emissions Limitation:

Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average.

Applicable Compliance Method:

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

F. Miscellaneous Requirements

None

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 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>
P017 - Banbury Mixing Line No. 2 with fabric filter and with internal stack	OAC rule 3745-31-05 (A)(3)	The particulate emissions (PE) from the stack shall not exceed 0.01 grain per dry standard cubic foot of exhaust gases, 0.69 lb/hr, and 3.02 tons/yr. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(B)(1) and 3745-17-08(B). See sections A.2.a below.
	OAC 3745-17-07(B)(1)	See sections A.2.b below.
	OAC rule 3745-17-08(B)	See sections A.2.c below.

2. Additional Terms and Conditions

- 2.a The 0.69 lb/hr particulate emissions limitation was established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.
- 2.b Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. 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.
- 2.c The permittee shall minimize or eliminate visible fugitive particulate emissions through the employment of reasonably available control measures (RACM). These measures shall include, but not be limited to, the following:

- i. the installation and use of hoods, fans, and other equipment to adequately enclose, contain, capture, and vent the fugitive dust; and
- ii. the collection efficiency shall be sufficient to minimize or eliminate visible particulate emissions of fugitive dust at the point(s) of capture to the extent possible with good engineering design.

B. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained according to the manufacturer's recommendations while the emissions unit is in operation.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse once a day when this emissions unit is in operation. The unit for pressure drop shall be inches of water column.

D. Reporting Requirements

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the fabric filter did not comply with the allowable range specified above. The deviation report shall be submitted in accordance with the General Terms and Conditions of this permit.

E. 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. **Emissions Limitation:**
The particulate emissions (PE) shall not exceed 0.01 grain per dry standard cubic foot of exhaust gases.

Applicable Compliance Method:

If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03 (B)(7).

- b. **Emissions Limitation:**
0.69 lb/hr particulate emissions

Applicable Compliance Method:

The 0.69 lb/hr particulate emission rate was developed in the following manner:
 $(0.01 \text{ gr/dscf})(8,000 \text{ scfm})(60 \text{ min/hr})(1\text{b}/7000 \text{ grains}) = 0.69 \text{ lb/hr}$

- c. Emissions Limitation:
3.02 tons/yr particulate emissions

Applicable Compliance Method:

The 3.02 tons/yr particulate emission limitation was developed by multiplying the maximum hourly emission rate of 0.69 lb/hr by 8760 hrs/yr and dividing by 2000 lbs/ton.

- d. Emissions Limitation:
Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average.

Applicable Compliance Method:

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

F. Miscellaneous Requirements

None

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 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>
P018 - Jayco Cast Line with fabric filter and with internal stack	OAC rule 3745-31-05 (A)(3)	The particulate emissions (PE) from the stack shall not exceed 0.01 grain per dry standard cubic foot of exhaust gases, 0.51 lb/hr, and 2.23 tons/yr. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(B)(1) and 3745-17-08(B). See sections A.2.a below.
	OAC 3745-17-07(B)(1)	See sections A.2.b below.
	OAC rule 3745-17-08(B)	See sections A.2.c below.

2. Additional Terms and Conditions

- 2.a The 0.51 lb/hr particulate emissions limitation was established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.
- 2.b Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average. 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.
- 2.c The permittee shall minimize or eliminate visible fugitive particulate emissions through the employment of reasonably available control measures (RACM). These measures shall include, but not be limited to, the following:

- i. the installation and use of hoods, fans, and other equipment to adequately enclose, contain, capture, and vent the fugitive dust; and
- ii. the collection efficiency shall be sufficient to minimize or eliminate visible particulate emissions of fugitive dust at the point(s) of capture to the extent possible with good engineering design.

B. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained according to the manufacturer's recommendations while the emissions unit is in operation.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse once a day when this emissions unit is in operation. The unit for pressure drop shall be inches of water column.

D. Reporting Requirements

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the fabric filter did not comply with the allowable range specified above. The deviation report shall be submitted in accordance with the General Terms and Conditions of this permit.

E. 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. Emissions Limitation:
The particulate emissions (PE) shall not exceed 0.01 grain per dry standard cubic foot of exhaust gases.

Applicable Compliance Method:
If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03 (B)(7).
 - b. Emissions Limitation:
0.51 lb/hr particulate emissions

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 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>
T002 - 15,000 gallon asphalt horizontal fixed roof storage tank	OAC rule 3745-31-05(A)(3)	The volatile organic compound (VOC) emissions shall not exceed 0.1 ton/yr. See sections A.2.a and A.2.b below. The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart Kb.
	OAC rule 3745-21-09(L)	Exempt.
	40 CFR Part 60, Subpart Kb	See section C.1 below.

2. **Additional Terms and Conditions**

- 2.a The annual emission limitation outlined is based upon the emissions unit's Potential to Emit (PTE). Therefore, no records or reports are required to demonstrate compliance with this limit.
- 2.b The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

- 1. In accordance with 40 CFR Part 60.116b(a) and 40 CFR Part 60.116b(b), the permittee shall keep readily accessible records for the life of the tank that document the dimensions and capacity of the tank.

D. Reporting Requirements

None

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 methods:

- a. Emissions Limitation:

- The volatile organic compound (VOC) emissions shall not exceed 0.1 ton per year.

- Applicable Compliance Method:

- VOC emissions due to standing and withdrawal losses from the storage tanks shall be determined using the most recent version of USEPA's "Tanks" program.

F. Miscellaneous Requirements

- 1. The following source is subject to the applicable provision of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source Number</u>	<u>Source Description NSPS Regulation (Subpart)</u>
T002	15,000 gallon storage tank no. 1 Subpart Kb

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC- Air Quality Modeling and Planning
Lazarus Government Center
P.O. Box 1049
Columbus, OH 43216-1049

and

Canton City Health Department
Air Pollution Control Division
420 Market Avenue N.
Canton, OH 44702-1544

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 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>
T003 - 15,000 gallon asphalt horizontal fixed roof storage tank	OAC rule 3745-31-05(A)(3)	The volatile organic compound (VOC) emissions shall not exceed 0.1 ton/yr.
		See sections A.2.a and A.2.b below.
		The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart Kb.
	OAC rule 3745-21-09(L)	Exempt.
	40 CFR Part 60, Subpart Kb	See section C.1 below.

2. Additional Terms and Conditions

- 2.a The annual emission limitation outlined is based upon the emissions unit's Potential to Emit (PTE). Therefore, no records or reports are required to demonstrate compliance with this limit.
- 2.b The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

- 1. In accordance with 40 CFR Part 60.116b(a) and 40 CFR Part 60.116b(b), the permittee shall keep readily accessible records for the life of the tank that document the dimensions and capacity of the tank.

D. Reporting Requirements

None

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 methods:
 - a. Emissions Limitation:
The volatile organic compound (VOC) emissions shall not exceed 0.1 ton per year.
 - Applicable Compliance Method:
VOC emissions due to standing and withdrawal losses from the storage tanks shall be determined using the most recent version of USEPA's "Tanks" program.

F. Miscellaneous Requirements

- 1. The following source is subject to the applicable provision of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source Number</u>	<u>Source Description NSPS Regulation (Subpart)</u>
T003	15,000 gallon storage tank no. 2 Subpart Kb

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (if required, at least 30 days prior to testing).

Collins and Aikman

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Facility ID: 1576050214

Emissions Unit ID: T003

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC- Air Quality Modeling and Planning
Lazarus Government Center
P.O. Box 1049
Columbus, OH 43216-1049

and

Canton City Health Department
Air Pollution Control Division
420 Market Avenue N.
Canton, OH 44702-1544