



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL MODIFICATION
HAMILTON COUNTY**

CERTIFIED MAIL

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 14-05673

Fac ID: 1431073842

DATE: 3/3/2005

Citywide Materials, Inc
Marc Cassier
5263 Wooster Pike
Cincinnati, OH 45223

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

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
309 South Fourth Street, Room 222
Columbus, Ohio 43215

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

cc: USEPA

HCDES



**Permit To Install
Terms and Conditions**

**Issue Date: 3/3/2005
Effective Date: 3/3/2005**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 14-05673

Application Number: 14-05673
Facility ID: 1431073842
Permit Fee: **\$625**
Name of Facility: Citywide Materials, Inc
Person to Contact: Marc Cassier
Address: 5263 Wooster Pike
Cincinnati, OH 45223

Location of proposed air contaminant source(s) [emissions unit(s)]:

**5263 Wooster Pike
Cincinnati, Ohio**

Description of proposed emissions unit(s):

Modification to PTI 14-3697: Weigh Hopper loading of cement, sand, and aggregate with fabric filter.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 source(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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

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

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

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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 Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

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

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permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

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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	4.94
PM10	1.34

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>
F004 - Weigh hopper loading of cement, sand, and aggregate w/ fabric filter, and transit mix loading - Modification	OAC rule 3745-31-05(A)(3)	Particulate emissions (PE) from this emission unit shall not exceed 7.3 pounds PE per hour and 4.94 tons PE per year.
		Particulate matter emissions 10 microns and less (PM10) shall not exceed 2.0 lbs per hour and 1.34 tons per year
		See terms and conditions A.2.d through A.2.f, B.1. and B.2.
		The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-08(B).
	OAC rule 3745-17-07(A)(1)	See term and condition A.2.b
	OAC rule 3745-17-07(B)(1)	See term and condition A.2.c
	OAC rule 3745-17-08(B)	See term and condition A.2.g.
	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established

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Emissions Unit ID: F004

pursuant to OAC rule
3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a** The hourly emission limitation is based upon the emissions unit's potential to emit (PTE). Therefore, no hourly records are required to demonstrate compliance with the limit.
- 2.b** Visible particulate emission from the following stacks associated with emissions unit F004 shall not exceed twenty percent opacity as a six-minute average, except as specified by rule:
- Transit mix truck loading w/ fabric filter.
Cement, sand and aggregate weigh hopper loading w/ fabric filter.
- 2.c** Fugitive visible particulate emissions from any operation associated with emissions unit F004 shall not exceed twenty percent opacity as a three-minute average, except as specified by rule.
- 2.d** Sand and aggregate shall be maintained in a moist condition to minimize or eliminate visible emissions of fugitive dust.
- 2.e** The cement weigh hopper shall be partially enclosed and vented to a fabric filter with a 99% control efficiency.
- 2.f** The transit mix truck loading station shall be partially enclosed and vented to a fabric filter with a 99% control efficiency.
- 2.g** All fabric filters shall achieve an outlet particulate emissions rate of 0.030 gr/dscf.
- 2.h** Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by partial enclosure of the transit mix truck loading station and sand and aggregate weigh hopper; the use of fabric filters on the weigh hopper loading and the transit mix truck loading; and visible emission, emission rate and production limitations.

B. Operational Restrictions

1. The maximum allowable concrete production rate shall not exceed 150,000 tons per year.
2. The pressure drop across each fabric filter shall be maintained within the range of 2-6 inches of water, or as specified as the normal operating range by the manufacturer, whichever is more stringent, while the emissions unit is in operation.

C. Monitoring and/or Recordkeeping Requirements

1. The facility shall maintain the following monthly records:
 - a. the total amount of concrete produced by this emissions unit, in tons.
2. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across each fabric filter 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 each fabric filter on a daily basis.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of all periods of time during which the pressure drop across each fabric filter did not comply with the allowable range specified in term and condition B.2. A copy of such record [pressure drop deviation (excursion report)] shall be sent to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.
2. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services that identify the annual production rate in tons per year for this emissions unit. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

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

- a. Emissions Limitations

7.3 lbs. PE /hr, 4.94 tons PE per year

2.0 lbs. PM10/hr, 1.34 tons PM10 per year

Applicable Compliance Method

Compliance with the particulate emissions limitations in term A.1. shall be determined in a calculation using the applicable emission factors from AP-42, Fifth Edition, Chapter 11.12, Concrete Batching (October 2001), multiplied by the actual process rate in tons

material per hour and tons material per year.

b. Emissions Limitations

Visible particulate emission from the following stacks associated with emissions unit F004 shall not exceed twenty percent opacity as a six-minute average, except as specified by rule:

Transit mix truck loading w/ fabric filter.

Cement, sand and aggregate weigh hopper loading with fabric filter.

Applicable Compliance Method

Compliance shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002.

c. Emissions Limitations

Fugitive visible particulate emissions from any operation associated with emissions unit F004 shall not exceed twenty percent opacity as a three-minute average, except as specified by rule.

Applicable Compliance Method

Compliance shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002.

d. Emissions Limitation

Particulate emissions from each fabric filter outlet stack associated with emissions unit F004 shall achieve an outlet particulate emissions rate of 0.030 gr/dscf.

Applicable Compliance Method

If required, compliance with the mass emission limitation shall be determined in accordance with Test Methods 1-5 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002.

e. Operational limitation

The pressure drop across each fabric filter shall be maintained within the range of 2-6 inches of water, or as specified as the normal operating range by the manufacturer, whichever is more stringent, while the emissions unit is in operation.

Applicable Compliance Method

Compliance with the operational limitation in term and condition B.2. shall be determined

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by the monitoring and records maintained pursuant to term and condition C.2.

f. Production limitation

The maximum allowable concrete production rate shall not exceed 150,000 tons per year.

Applicable Compliance Method

Compliance with the production limitation in term and condition B.1. shall be determined by the records maintained pursuant to term and condition C.1.

F. Miscellaneous Requirements

1. The terms and conditions of this permit to install shall supercede those found in Permit to Install (PTI) 14-3697 for emission unit F004, as issued on July 19,1995.