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Application Number: **06-5451**
Date: **October 21, 1998**

GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. 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.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES

The proposed source(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 are inadequate or cannot meet applicable standards.

If the construction of the proposed source(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 Ohio Administrative Code (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

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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 applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

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.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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.

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PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be filed no later than thirty days after commencement of operation.

SOURCE OPERATION 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 and regulations.

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Davon Inc** located in **Ross** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
F001	F002			Plant roadways and parking areas
	F002 Cont'd		Concrete batch plant and weigh hopper	
	F003			Storage piles
	F004 Cont'd			

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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Material
Handling

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
		except for 3 minutes during any 60-minute period.	Emissions vented to baghouses, with emission limit of 0.030 gr/dscf particulate emissions or no visible emissions	Applicable Federal & OAC Rules 3745-31-05 (A) (3) 3745-17-07
	<u>BAT Determination</u>	Shall employ reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.	Shall employ reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.	
		Shall employ reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.	Shall employ reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.	3745-31-05 (A) (3) 3745-17-07
		No visible emissions		

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
	3745-17-07	Permit Allowable Mass Emissions and/or Control/Usage Requirements	emissions of fugitive dust 1.8 TPY	control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust 1.2 TPY
3745-31-05 (A) (3)	3745-17-07	Emissions vented to baghouses, with emission limit of 0.030 gr/dscf particulate emissions or no visible emissions.	No visible emissions except for 1 minute during any 60-minute period	
		Shall employ reasonable available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. 10.8 TPY	Shall employ reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust 0.001 TPY	
		No visible emissions except for 3 minutes during any 60-minute period	Emissions vented to baghouses, with emission limit of 0.030 gr/dscf particulate emissions or no visible emissions	
3745-31-05 (A) (3)		Shall employ reasonable available control measures that are sufficient to minimize or eliminate visible	Shall employ reasonably available	

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SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	13.8

RECORD(S) RETENTION AND AVAILABILITY

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Ohio EPA, Southeast District Office, 2195 Front Street, Logan, OH, 43138.**

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s)

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shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Ohio EPA, Southeast District Office, 2195 Front Street, Logan, OH, 43138.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Applicable Emission Limitations and/or Control Requirements (Also see Air Emission Summary)

1. Emissions unit F001 shall not discharge into the atmosphere gases which contain PM/PM₁₀ in excess of 0.030 gr/dscf particulate emissions or contain visible emissions.
2. Emissions unit F002 shall not discharge into the atmosphere gases which contain visible emissions of PM/PM₁₀ except for 3 minutes in any 60-minute period.
3. Emissions unit F003 shall not discharge into the atmosphere gases which contain visible emissions of PM/PM₁₀ except for 1 minute in any 60-minute period.
4. Emissions unit F004 shall not discharge into the atmosphere gases which contain PM/PM₁₀ in excess of 0.030 gr/dscf particulate emissions or contain visible emissions.
5. Total particulate matter emissions from this facility shall not exceed 13.8 tons per year.

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6. The emission limit of 0.030 gr/dscf is equivalent to 2.47 pounds/hour for F001 and 0.27 pound/hour for F004 at the maximum flow rates of the fabric filters.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform daily checks for any visible particulate emissions from the fabric filter exhausts, or any visible fugitive particulate emissions from the concrete batch plant and weigh hopper, plant roadways and parking areas, storage piles, and material handling. The presence or absence of any visible emissions from these sources shall be noted in an operations log. If any visible emissions are observed, corrective actions shall be taken to eliminate the visible emissions. These actions shall also be noted in the operations log.
2. The permittee shall maintain daily records of the operating hours and the tons of concrete produced for these emission units.

C. Reporting Requirements

1. The permittee shall submit reports which (a) identify all days during which any visible particulate emissions were observed from the fabric filter exhaust, or the batch plant and (b) describe the corrective actions taken to eliminate the visible particulate emissions.

The reports shall be submitted on:

- a. July 15 and shall cover the period from January 1 until June 30 for each calendar year; and,
- b. January 15 and shall cover the period from July 1 until December 31 for each calendar year.

If no visible particulate emissions are observed during a given period, the permittee shall submit a report which states that no visible particulate emissions were observed during that period. (These reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06).

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2. The permittee shall submit annual reports which identify any exceedances of the annual operating hours limitations, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

D. Testing Requirements

1. Compliance Methods

Compliance with the emission limitation(s) in section A.1. of these Additional Special Terms and Conditions shall be determined in accordance with the following method(s):

a. Emission Limitation

0.030 gr/dscf

Applicable Compliance Method

Compliance with the particulate matter emission limit of 0.030 grain per dry standard cubic foot of exhaust gases shall be determined in accordance with OAC rule 3745-17-03. No testing is specifically required by this permit, but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).

b. Emission Limitation

No visible emissions.

Applicable Compliance Method

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(4) using the methods and procedures specified in USEPA Method 22.

c. Emission Limitation

13.8 TPY

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Applicable Compliance Method

The 10.8 (F001), 1.8 (F002), 0.001 (F003) and 1.2 (F004) tons of particulate matter/year limitations were established for permit to install (PTI) purposes, as limits, but reflect the potential to emit for all these emissions units. Therefore, a one time calculation of potential emissions is sufficient, and it is not necessary to develop recordkeeping and/or reporting requirements to ensure compliance with the limits.