OhioEPA
State of Ohio Environmental Protection Agency

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December 03, 1998 *CERTIFIED MAIL*

BELMONT COUNTY
BELLAIRE STONE
Jeff Sidwell
4620 Limestone Valley Road
Zanesville OH, 43701

RE: Permit To Install Number 17-1583 **ADMINISTRATIVE MODIFICATION**

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
236 East Town Street, Room 300
Columbus, Ohio 43215

98 DEC 10 AM 10:51
O.E.P.A.
S.E.D.O.

Very truly yours,

Thomas G. Rigo

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

Enclosure

cc: USEPA
SEDO

OhioEPA

State of Ohio Environmental Protection Agen

Permit To Install Terms and Conditions

Date of Issuance: 12/03/98

Effective Date: 12/03/98

MODIFICATION TO PERMIT TO INSTALL 17-1583

Application Number: 17-1583
Facility ID: 1707020190
Permit Fee: $0.00
Name of Applicant: BELLAIRE STONE
Address: 55518 Trough River Road
City: Bellaire, Ohio

Location of proposed source(s): 55518 TROUGH RIVER ROAD
BELLAIRE, OHIO

Description of proposed source(s):
450 T/HR PORTABLE IROC CRUSHER WITH CONVEYOR, STORAGE PILES, DIESEL ENGINE 400 HP.

The Reason for the modification is:
Modification to PTI #17-1583 issued 11/05/97 to include "Notice of Intent to Relocate a Portable or Mobile Source" language.

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

Donald R Schregardus

Director

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 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.

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.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for BELLAIRE STONE located in Belmont County. The sources 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.

Ohio EPA Source Number	Source Identification Description	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
F004	Portable aggregate crushing, screening, conveying and loadout	Wet suppression, minimize drop height, good operating practices	3745-31-05 3745-15-06 3745-15-07 3745-17-07 (B)* 3745-17-08 (B) 40 CFR Part 60 Subpart - OOO	PM=1.71 lbs/hr and 7.49 TPY, minimize or eliminate fugitive dust. Visible particulate emission shall not exceed 20% as a three minute average. Visible particulate emission from the crusher shall not exceed 15%, from the conveyors and transfer points 10% opacity as a six-minute average.
F005	Portable aggregate plant storage piles activities	Damp wetted materials, good operating practices low pile height, minimize drop height	3745-31-05 3745-15-06 3745-15-07 3745-17-07 (B)* 3745-17-08 (B)	PM=0.63 TPY, minimize or eliminate fugitive dust. There shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period
P001	400 hp portable diesel engine.	Diesel fuel with sulfur content less than 0.5% by	3734-31-05 3745-15-06 3745-15-07	PM=0.25 lb/mmBtu and 1.13 tons/yr, SO_2=0.29 lb/mmBtu and 1.32 tons/yr,

Ohio EPA Source Number	Source Identification Description	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
		weight, 66,137 gallons of fuel per year.	3745-17-07 (A) 3745-17-11 (B)(5)(a) 3745-18-06 (F)*	NO_x=4.41 lbs/mmBtu and 20.0 tons/yr CO=0.95 lb/mmBtu and 4.31 tons/yr, TOC=0.36 lb/mmBtu and 1.63 tons/yr.

* exempt or less restrictive

SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Pollutant	Tons/Year
PM	9.25
SO_2	1.32
TOC	1.63
NO_x	20.0
CO	4.31

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) 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 North Ohio Valley Air Authority, 814 Adams, Steubenville, Ohio 43952.

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. F004 - Material Handling

1. Crushing, Screening, Conveying, and Transferring

The permittee shall maintain a water spray system at all times at the crusher to ensure that the material has sufficient moisture content to minimize or eliminate at all times fugitive dust. The permittee shall instruct and require plant operators to screen and convey only material that has sufficient moisture content to minimize or eliminate at all times fugitive dust. The permittee shall cease crushing, screening, and conveying operations when dry material generates fugitive dust.

2. Loading

The permittee shall instruct and require plant operators to minimize the drop height of material and load only material that has sufficient moisture content to minimize or eliminate at all times fugitive dust. The permittee shall cease loading activities when dry material generates fugitive dust.

3. Testing Requirements

Compliance with the allowable emission limitation shall be demonstrated as follows:

Emission Limitation

PM pounds/hour and tons/year limitations

Compliance shall be demonstrated by multiplying the AP-42 emission factors times the appropriate production capacities and applying the control efficiency of 90 percent.

Emission Limitation

Visible emission limitations
Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(3) using methods and procedures specified in USEPA Method 9.

B. F005 - Storage Pile Activities

1. Load-in

The permittee shall load onto storage piles only material that possesses sufficient moisture content to minimize and eliminate at all times fugitive dust. The permittee shall maintain a water spray system at the end of the conveyor discharge, to ensure that the material being stored possesses sufficient moisture content. The permittee shall instruct and require operators to minimize the drop height to the extent possible by employing good operating practices.

2. Wind Erosion

The permittee shall ensure that the storage piles have sufficient moisture or is of proper size, shape and location to minimize or eliminate at all times fugitive dust caused by wind erosion.

3. Load-Out

The permittee shall load out any material that has sufficient moisture or size to minimize or eliminate at all times fugitive dust. The permittee shall instruct and require all operators to minimize the drop height of material and to cease load-out activity when dry dusty material is encountered that causes fugitive dust. Load-out activities may resume when sufficient moisture has been applied to minimize or eliminate fugitive dust.

4. Testing Requirements

Compliance with the emission limitations in the PTI shall be determined in accordance with the following methods:

Emission Limitation

ton/year

Applicable Compliance Method

Compliance shall be demonstrated by multiplying the AP-42 emission factors times the appropriate production capacities and applying the control efficiency of 90 percent.

Emission Limitation

Visible dust not to exceed one minute per 60 minutes

Applicable Compliance Method

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(6) using methods and procedures specified in USEPA Method 22.

C. P001 Diesel Engine

The permittee shall maintain monthly records for the fuel consumed in this engine:

1. gallons of fuel consumed; and,

2. sulfur content of fuel consumed.

The sulfur content shall be based upon the as delivered fuel analysis for each shipment of fuel received.

D. Notice of Intent to Relocate a Portable or Mobile Source

1. The permittee shall submit a "Notice of Intent to Relocate a Portable or Mobile Source" form 30 days prior to any planned relocation of this emissions unit (a copy of the form is attached to this permit.) Approval of the planned relocation must be obtained from the Ohio EPA Southeast District Office prior to the relocation.

   In accordance with OAC rule 3745-31-05(F), the applicant must demonstrate that the following criteria have been met:

   a. the portable source owner or operator possesses an Ohio EPA permit to install, permit to operate or registration status;

   b. the portable source is equipped with best available technology;

   c. the portable source owner has identified the proposed site to Ohio EPA;

d. the Ohio EPA has determined that the portable source, at the proposed site, will have an acceptable environmental impact;

e. a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;

f. the owner of the proposed site has provided the portable source owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable source to this proposed site; and,

g. the portable source owner has provided Ohio EPA with fifteen days written notice of the relocation.

Any site approvals issued by Ohio EPA shall be valid for no longer than three years and are subject to renewal.

The Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.