☐ **Synthetic Minor Determination and/or** ☒ **Netting Determination**
Permit To Install **03-07198m1**

A. Source Description

GMC Powertrain Division proposed to install a casting shaker with this permit to install. This netting determination is being completed with this modification because netting was performed for the initial installation. This modification is being done to amend the basis for the particulate emissions limitation.

B. Facility Emissions and Attainment Status

The facility is a Major PSD facility for NOx, PM, & VOC's. Defiance County is classified as attainment for all pollutants.

C. Source Emissions

Listed below are the sources that GMC Powertrain has removed or will remove (based on actuals), as well as the new sources.

Date	PTI	DESCRIPTION	PE increase (tpy)
02/26/88	03-3210	P318 cupola No. 3 plasma	29.57
12/25/89	03-4717	P319 day floor Plt 2E, Plant 3	0.53
04/10/91	03-5627	P320 oven - 3.1L assy core wst, plant 1	0.22
04/24/91	03-5562	P321 loramendi core mach CB-67	0.25
05/22/91	03-5709	P322 oven - batch bowl cleaning	0.43
01/13/93	03-6871	P333 vertical core cooler #1, Plant 1	0.92
01/13/93	03-6871	P336 vertical core cooler #4, Plant 1	0.92
01/13/93	03-6871	P332 dip dry oven #4, Plant 1	0.70
01/13/93	03-6871	P339 paste oven #3, GM Head transfer, Plant 1	0.22
01/13/93	03-6871	P331 dip dry oven #3, Plant 1	0.70
01/13/93	03-6871	P338 paste oven #2, GM Head transfer, Plant 1	0.22
01/13/93	03-6871	P329 dip dry oven #1, Plant 1	0.70
01/13/93	03-6871	P330 dip dry oven #2, Plant 1	0.70
01/13/93	03-6871	P337 paste oven #1, GM Head transfer, Plant 1	0.22
01/13/93	03-6871	P334 vertical core cooler #2, Plant 1	0.92
01/13/93	03-6871	P340 paste oven #4, GM Head transfer, Plant 1	0.22
01/13/93	03-6871	P335 vertical core cooler #3, Plant 1	0.92
02/10/93	03-6650	P327 shakeout & Mis - 5.7L, Plant 1	1.34
02/10/93	03-6650	P328 grinder - 5.7L Head, Plant 1	2.09
02/10/93	03-6650	P326 blast cab - #10A, 5.7L Head, Plant 1	10.68
03/03/93	03-6675	P323 core machine HB #71-72, Plant 1	6.57
03/03/93	03-6675	P325 core machine HB #75-76, Plant 1	6.57
03/03/93	03-6675	P324 core machine HB #73-74, Plant 1	6.57
03/10/93	03-7069	P352 3.4L block dry oven	0.70
03/12/93	03-6871	P341 blast cabinet-inline-line 12, Plant 3	4.91
03/12/93	03-6871	P343 blast cabinet-inline-line 14, Plant 3	4.91
03/12/93	03-6871	P342 blast cabinet-inline-line 13, Plant 3	4.91
03/12/93	03-6871	P345 blast cabinet-inline-line 16, Plant 3	4.91
03/12/93	03-6871	P346 blast cabinet-inline-line 17, Plant 3	4.91
03/12/93	03-6871	P347 blast cabinet-inline-line 18, Plant 3	4.91
03/12/93	03-6871	P344 blast cabinet-inline-line 15, Plant 3	4.91
03/12/93	03-6871	P348 blast cabinet-inline-line 19, Plant 3	4.91
04/07/93	03-6997	P350 cold box corem #87	0.09
04/07/93	03-6997	P351 cold box corem #88	0.09
04/21/93	03-7105	P358 cold box core machine #69	0.48
04/28/93	03-7140	P359 grinder - carrier #2	1.84
06/03/93	03-6912	P354 core machine HB #79-80, Plant 1	6.57
06/03/93	03-6869	P349 furnace-holding-130 ton, Plant 2	18.48
06/03/93	03-6912	P356 core machine HB #83-84, Plant 1	6.57
06/03/93	03-6912	P357 core machine HB #85-86, Plant 1	6.57
06/03/93	03-6912	P353 core machine HB #77-78, Plant 1	6.57
06/03/93	03-6912	P355 core machine HB #81-82, Plant 1	6.57
07/14/93	03-7169	P360 VP Block grinder plant 1	9.07
07/14/93	03-7169	P361 shell dip oven plant 2W	0.7
07/14/93	03-7169	P362 shell core machine #44	0.57
07/28/93	03-7239	P363 pneumatic sand transport system no. 75	1.58
07/28/93	03-7239	P364 pneumatic sand transport system no. 100	2.72

07/28/93	03-7239	P365	pneumatic sand transport system no. 900A	2.28
09/15/93	03-7198	P366	casting shaker 6.2L, Plant 1	3.2

TOTAL 156.54

shutdown date	emission unit description		PE decreases (tpy)
12/25/90	P278	blow-out booth, Plant 1	12.50
12/31/90	P240	grinder-core-air chamber, Plant 1	4.28
07/21/91	P260	sand sys no. 3 sand mix, Plant 1	1.88
09/03/92	P029	furnace - #1 BBC, Plant 2	11.85
09/03/92	P030	furnace - #2 BBC, Plant 2	11.85
09/30/92	P031	furnace - #3 BBC, Plant 2	11.85
09/30/92	P033	furnace - #5 BBC, Plant 2	11.85
09/30/92	P028	furnace - #6 BBC, Plant 2	11.85
09/30/92	P032	furnace - #4 BBC, Plant 2	11.85
10/10/92	P222	oven-batch-E of v#1, Plant 1	0.02
10/26/92	P116	oven-core-vert #15, Plant 1	2.55
12/31/92	P132	cupola #2, whiting Plant1	8.01
01/13/93	P308	shaker N. of #10 WHB	0.4
01/13/93	P307	shaker N. of #10 WHB	0.4
01/13/93	P121	core sand prep #1	3.17
01/13/93	P183	blast cab - #20 WHB, plant 1	13.17
02/15/93	P178	tumblast cabinet #6, Plant 3	3.53
04/26/93	P084	tumblast cabinet #4, Plant 3	1.73
05/10/93	P113	vertical core oven #12	2.55
06/23/93	P085	tumblast cabinet #7, Plant 3	3.57
06/23/93	P107	vertical core oven #5	2.00
06/27/93	P106	vertical core oven #4	1.65
06/30/93	P131	cupola #1, whiting, plant 1	8.01
07/12/93	P109	vertical core oven #8	2.59
07/22/93	P118	vertical core oven #17	1.86
07/22/93	P082	tumblast cabinet #2, Plant 3	1.73
07/22/93	P081	tumblast cabinet #1, Plant 3	1.73
07/22/93	P083	tumblast cabinet #3, Plant 3	1.73
07/22/93	P115	vertical core oven #14	2.55
07/22/93	P232	oven mono 9 vert #6	0.61
07/22/93	P014	blast cab-tumblast #1,2	0.71
07/22/93	P241	furnace holding #1 west	2.11
08/05/93	P117	vertical core oven #16	2.55
08/13/93	P229	oven dry diesel paste	0.44

TOTAL 159.10

NET CHANGE -2.56

D. Conclusion

With the increase in emissions from the proposed sources and the removal of the listed sources, a net decrease in facility emissions of 2.56 TPY of PE will result.

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

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

RE: DRAFT PERMIT TO INSTALL MODIFICATION **CERTIFIED MAIL**

DEFIANCE COUNTY
Application No: 03-07198

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

DATE: 5/6/2004

GM Powertrain Group, Defiance Plant
Lisa Horan
26437 St Rte 281 E
Defiance, OH 435120070

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install modification for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit modification. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit modification should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install modification may be issued in proposed of final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install modification a fee of **$ 500** will be due. Please do not submit any payment now.

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. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Very truly yours,

Michael W. Ahern

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

CC: USEPA **NWDO** **IN** **MI**

DEFIANCE COUNTY

PUBLIC NOTICE
ISSUANCE OF DRAFT PERMIT TO INSTALL **03-07198** FOR AN AIR CONTAMINANT SOURCE FOR
GM POWERTRAIN GROUP, DEFIANCE PLANT

On 5/6/2004 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **GM Powertrain Group, Defiance Plant**, located at **26427 St Rte 281 E, Defiance**, Ohio.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 03-07198:

modification of emissions unit P366 to amend particulate emission limitation.

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Don Waltermeyer, Ohio EPA, Northwest District Office, 347 North Dunbridge Road, Bowling Green, OH 43402 [(419)352-8461]

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install **Issue Date: To be entered upon final issuance**
Terms and Conditions **Effective Date: To be entered upon final issuance**

DRAFT MODIFICATION OF PERMIT TO INSTALL 03-07198

Application Number: 03-07198

APS Premise Number: 0320010001

Permit Fee: **To be entered upon final issuance**

Name of Facility: GM Powertrain Group, Defiance Plant

Person to Contact: Lisa Horan

Address: 26437 St Rte 281 E
Defiance, OH 435120070

Location of proposed air contaminant source(s) [emissions unit(s)]:
26427 St Rte 281 E
Defiance, Ohio

Description of proposed emissions unit(s):
modification of emissions unit P366 to amend particulate emission limitation.

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. State and Federally Enforceable Permit To Install General Terms and Conditions

1. Monitoring and Related Recordkeeping and Reporting Requirements

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

i. The date, place (as defined in the permit), and time of sampling or measurements.

ii. The date(s) analyses were performed.

iii. The company or entity that performed the analyses.

iv. The analytical techniques or methods used.

v. The results of such analyses.

vi. The operating conditions existing at the time of sampling or measurement.

b. 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.

c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:

i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

ii. Quarterly written reports of (i) any deviations from federally enforceable <u>emission limitations</u>, <u>operational restrictions</u>, <u>and control device operating parameter limitations</u>, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written 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. See B.9 below if no deviations occurred during the quarter.

iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.

iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

2. 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, i.e., upset, 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. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to 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 emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or

condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

6. General Requirements

a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

d. This permit does not convey any property rights of any sort, or any exclusive privilege.

e. 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 request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

7. 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.

8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.

iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

10. Permit To Operate Application

a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or

modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. 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 ninety (90) days after commencing operation of the source(s) covered by this permit.

11. 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.

12. 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.

B. State Only Enforceable 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 of state-only enforceable 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 state-only required 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. 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.

4. 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.

5. 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.

6. 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.

7. 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).

8. 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.

9. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

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.

C. 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

Pollutant	Tons Per Year
PE	3.20

Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions

NONE

B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions

NONE

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P366 - FN1 shaker (north of no. 3 b/c) (Administrative modification of PTI 03-07198 issued September 15, 1993)	OAC rule 3745-31-05(A)(3)	0.020 grains particulate emissions (PE) per dry standard cubic foot (dscf) 3.20 tons PE/yr The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).
	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) from the stacks associated with this source shall not exceed 20% opacity, as a six-minute average, except as provided by the rule.
	OAC rule 3745-17-11(B)	See A.I.2.a

2. Additional Terms and Conditions

2.a The emission limitation specified by this rule is less stringent than the limitation established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

NONE

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform checks according to the following frequencies, when the emission unit is in operation and when the weather and safe work conditions allow, for any visible particulate emissions from the stack(s) serving this emissions unit:

a. for uncontrolled stacks, once weekly* during normal operations if weather conditions allow;
b. for wet dust collectors, once weekly* during normal operations if weather conditions allow; and
c. for dry dust collectors, once weekly* during normal operations if weather conditions allow.

Visible emission observations shall not be required to follow the procedures specified in 40 CFR Part 60, Appendix A, Method 9 or Method 22.

*Once during each normal operating calendar week

2. The permittee shall perform checks per A.III.1. above during normal operations and when weather conditions allow, for any visible particulate emissions from the stack(s) serving this emissions unit. The presence of any visible emission, excluding water vapor, shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the date and time of the visible emission observation;
b. the identification of the stack observed;
c. the color of the emissions;
d. the total duration of any visible emission observation; and
e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission observations, or continue the check until the incident has ended. The observer may indicate that the visible emissions were continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports that:

a. identify all days during which any visible particulate emissions, excluding water vapor, were observed from the stack(s) serving this emissions unit, along with the identification of the stack; and
b. describe any actions taken to minimize or eliminate the visible particulate emissions.

These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

V. Testing Requirements

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

   a. Emission Limitation: 0.020 gr PE /dscf

   Applicable Compliance Method: If required, the permittee shall demonstrate compliance with the grain loading limitation for PE by testing in accordance with Methods 1- 5 of 40 CFR, Part 60, Appendix A.

   Previous stack testing at the plant has shown that the stacks that had no visible emissions during the test, had outlet grain loadings of less than 0.02 gr/dscf. Therefore, based on the monitoring and recordkeeping requirements specified in Sections A.III.1 and A.III.2, it will be assumed that the stacks that consistently have no visible emissions (i.e. have no visible emissions at least 95% of the time on an annual basis), have outlet grain loadings of less than 0.02 gr/dscf. Stacks, subject to this emissions limitation, that have visible emissions more than 5% of the time on an annual basis, may be required to stack test at the discretion of the Ohio EPA to show compliance with the allowable emissions limitation.

   b. Emission Limitation: 3.20 tpy PE/yr

   Applicable Compliance Method: The tpy represents the potential to emit* for this emissions unit. Therefore, provided compliance is shown with the 0.020 gr/dscf, compliance will also be shown with the annual limitation.

   *The potential to emit was determined by applying the grain loading limitation of 0.020 grains/dscf to an exit gas flow rate of 4259 dscfm and applying the conversion factors of 8760 hrs/yr and 2000 lbs/ton. If applicable in the future the company may use the following equation:

   E= {summation of (Fi x Ci x 60 min/hr x 1 lb/7000 gr from each stack)} x 8760 hrs/yr x tons/2000 lbs

   Where:

   E= the PE rate in tpy from the emissions unit;
   Fi= the flow rate of each stack that this emissions unit is vented to**; and
   Ci= the outlet concentration of PE from each stack that this emissions unit is vented to, in gr/dscf.

   **For instances where an emissions unit is vented to one stack with other emissions units or vented to multiple stacks, the flow rate out of the stack(s) will be assumed to be the flow rate of that emissions unit to the stack(s).

c. Emission Limitation: Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as provided by rule

Applicable Compliance Method: If required, compliance with the visible PE limitation shall be determined in accordance with the methods specified in OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

NONE

B. State Only Enforceable Section

I. 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P366 - FN1 shaker (north of no. 3 b/c) (Administrative modification of PTI 03-07198 issued September 15, 1993)		

2. Additional Terms and Conditions

2.a NONE

II. Operational Restrictions

NONE

III. Monitoring and/or Recordkeeping Requirements

NONE

IV. Reporting Requirements

NONE

V. Testing Requirements

NONE

VI. Miscellaneous Requirements

NONE