John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

1/14/2013

Certified Mail

Ray Wiecek
Independence Recycling, Inc.
5531 Canal Road
Valley View, OH 44125

Facility ID: 1318958479
Permit Number: P0096140
County: Cuyahoga

RE: DRAFT AIR POLLUTION TITLE V PERMIT
Permit Type: Initial

Dear Permit Holder:

A draft of the OAC Chapter 3745-77 Title V permit for the referenced facility has been issued. The purpose of this draft is to solicit public comments. A public notice will appear in the Ohio Environmental Protection Agency (EPA) Weekly Review and the local newspaper, The Plain Dealer. A copy of the public notice, the Statement of Basis, and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
50 West Town Street, Suite 700
P.O. Box 1049
Columbus, Ohio 43216-1049

and

Cleveland Division of Air Quality
2nd Floor
75 Erieview Plaza
Cleveland, OH 44114

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified if a public hearing is scheduled. A decision on processing the Title V permit will be made after consideration of comments received and oral testimony if a public hearing is conducted. You will then be provided with a Preliminary Proposed Title V permit and another opportunity to comment prior to the 45-day Proposed Title V permit submittal to U.S. EPA Region 5. The permit will be issued final after U.S. EPA review is completed and no objections to the final issuance have been received. If you have any questions, please contact Cleveland Division of Air Quality at (216)664-2297.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: U.S. EPA Region 5 - *Via E-Mail Notification*
CDAQ; Pennsylvania

PUBLIC NOTICE
1/14/2013 Issuance of Draft Air Pollution Title V Permit

Independence Recycling, Inc.
2615 West 3rd Street,
Cleveland, OH 44113
Cuyahoga County
FACILITY DESC.: Dimension Stone Mining and Quarrying
PERMIT #: P0096140
PERMIT TYPE: Initial
PERMIT DESC: Initial Title V permit for Independence Recycling (as a support facility for the Title V facility - ArcelorMittal). This facility is a portable slag crushing plant (F001), it consists of one jaw crusher, two cone crushers, conveyors, four screeners and an 18.93 mmBtu/hr diesel generator to run the plant. Also located at the plant are unpaved roadways and parking areas (F002) and storage piles (F003). PTI 13-04621 was issued on 9/12/2006 for F001, and PTI 13-04622 was issued on 4/25/2006 for F002 and F003.

The Director of the Ohio Environmental Protection Agency issued the draft permit above. The permit and complete instructions for requesting information or submitting comments may be obtained at: http://epa.ohio.gov/dapc/permitsonline.aspx by entering the permit # or: David Hearne, Cleveland Division of Air Quality, 2nd Floor 75 Erieview Plaza, Cleveland, OH 44114. Ph: (216)664-2297

Statement of Basis For Air Pollution Title V Permit

Facility ID:	1318958479
Facility Name:	Independence Recycling, Inc.
Facility Description:	Portable rock crushing plant.
Facility Address:	2615 West 3rd Street, Cleveland, OH 44113
Permit #:	P0096140, Initial

This facility is subject to Title V because it is major for:

☐ Lead ☐ Sulfur Dioxide ☐ Carbon Monoxide ☐ Volatile Organic Compounds ☐ Nitrogen Oxides
☐ Particulate Matter ≤ 10 microns ☐ Single Hazardous Air Pollutant ☐ Combined Hazardous Air Pollutants
☐ Maximum Available Control Technology Standard(s) ☐ GHG ☐ Title IV **See information below.**

A. Standard Terms and Conditions

Has each insignificant emissions unit been reviewed to confirm it meets the definition in OAC rule 3745-77-01(U)?	Yes
Were there any "common control" issues associated with this facility? If yes, provide a summary of those issues and explain how the DAPC decided to resolve them.	Independence Recycling is a support operation for ArcelorMittal Steel which is a Title V facility. Consequently, a Title V permit is being issued for Independence Recycling so that each entity will be responsible for their own respective emissions units.
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a minor permit modification per OAC rule 3745-77-08(C)(1)	N/A
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a significant permit modification per OAC rule 3745-77-08(C)(3)	N/A

Please identify the affected unit(s)and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a reopening per OAC rule 3745-77-08(D)	N/A
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document resulting from a renewal per OAC rule 3745-77-08(E)	Added MACT Subpart ZZZZ for diesel engine since this is a portable facility but has remained in one location for more than 12 months. This is a support operation for ArcelorMittal Steel which is a major source of HAPs.
Please identify the affected unit(s) and pollutant(s) for which a Compliance Assurance Monitoring (CAM) Plan is required per 40 CFR 64. Provide more emissions unit specific detail in Section C.	CAM does not apply because there are no add-on pollution control devices for each emissions unit.

B. Facility-Wide Terms and Conditions

Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
B.2			This Title V permit is being issued because Independence Recycling is a support facility for ArcelorMittal Steel Plant.

C. Emissions Unit Terms and Conditions

Key:

EU = emissions unit ID

ND = negative declaration (i.e., term that indicates that a particular rule(s) is (are) not applicable to a specific emissions unit)

OR = operational restriction

M = monitoring requirements

ENF = did noncompliance issues drive the monitoring requirements?

R = record keeping requirements

Rp = reporting requirements

ET = emission testing requirements (not including compliance method terms)

St = streamlining term used to replace a PTI monitoring, record keeping, or reporting requirement with an equivalent or more stringent requirement

Misc = miscellaneous requirements

EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
F001	*Slag Crushing Plant* 10.48 lbs PM/hour 4.10 lbs PM_{10}/hour Visible emissions of fugitive dust shall not exceed ten percent opacity, as a six-minute average. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.	31-05(A)(3) (PTI#13-04621)		N	Y	Y	N	Y	Y	N	N	Y	OR – The permittee shall employ best available control measures for the crushing operation for the purpose of ensuring compliance with the applicable requirements. M- Perform daily inspections during representative, normal operating conditions. R – Maintain daily and monthly records Rp – The permittee shall submit quarterly deviation reports that identify each day during which an inspection was not performed by the required frequency and each instance when a control measure, that was to be performed as a result of an inspection, was not performed.
F001	*Diesel Generator* 1.17 lb/hour of particulate emissions; 1.08 lb/hour of PM_{10} emissions; 35.97 lbs/hour of NO_x emissions; 16.09 lbs/hour of CO emissions; 9.65 lbs/hour of SO_2emissoins; and 1.10 lb/hr of OC emissions.			N	Y	M	N	Y	N	N	N	N	OR – The permittee shall use only diesel fuel with a sulfur content less than 0.5% by weight in the engine and generator. R – Maintain records when a fuel other than diesel fuel is burned.

EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
F001	Visible particulate emissions shall not exceed twenty percent opacity, as a six-minute average, except as provided by rule.	17-07(A)		N	N	Y	N	N	N	Y	N	N	OR – Use only diesel fuel with a sulfur content less than 0.5% by weight in the engine and generator. R – Records of fuel type Rp – Deviation report for fuel type ET – Method 9 used to determine compliance.
F001	None	17-07(B)(1)		Y	N	N	N	N	N	N	N	N	ND - The visible emission limitation for fugitive dust specified by this rule is less stringent than the visible emission limitation for fugitive dust established pursuant to OAC rule 3745-31-05(A)(3).
F001	None	17-08(B)		Y	N	N	N	N	N	N	N	N	ND – The fugitive dust control measures specified by this rule are equivalent to the fugitive dust control measures established pursuant to OAC rule 3745-31-05(A)(3).
F001	0.062 lb/mmBtu of particulate emissions of actual heat input.	17-11(B)(5)(b)		N	N	N	N	N	N	N	N	N	ET – If required, stack test using Methods 1 – 5.
F001	None		40 CFR Part 60 Subpart OOO	Y	N	N	N	N	N	N	N	N	ND - The emission limitation specified by this rule is equivalent to or less stringent to the emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).
F001	RICE, located at a major source for HAPs, shall be operated and maintain in continuous compliance with emission standards and applicable requirements of the Subpart.		40 CFR Part 63 Subpart ZZZZ	N	Y	Y	N	Y	Y	Y	N	N	M – Use of CMS, CEMS, and/or CPMS ET – conduct semiannual/annual equipment performance tests
F001	Emissions of		40 CFR	N	Y	Y	N	Y	Y	Y	N	N	OR – option to limit the formaldehyde to 580 ppbvd or less at

EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
	formaldehyde shall not exceed 580 ppbvd at 15% O_2 or emissions of CO shall be reduced by 70% or more.		63.6600(b)										%15 O_2 at the outlet of control device ET – Performance test submitted that meets requirements of 40 CFR 63.6610(d), or initial performance test 180 days from startup.
F001	The exhaust emissions from this engine shall not exceed 3.5 grams CO/kilowatt hour (g/kW-hr); or Emissions of CO shall be reduced by 70% or more		40 CFR 89.112 Tier 2 limit	N	Y	Y	N	Y	Y	Y	N	N	ET – Compliance with the emission limitation shall be based on the manufacturer's certification of the engine (if certified) or the CO emission testing data submitted for a similar engine.
F001	Emissions of NO_x shall not exceed 3.0 grams/HP-hr.	110-03(F)(3)		N	N	N	N	N	N	Y	N	N	ET – Compliance with the emissions limitation shall be based on the NOx emissions test data and by operating and maintaining the engine according to the manufacturer's specifications.
F001	The sulfur content of the diesel fuel burned in this emissions unit shall not exceed 15 ppm or 0.0015% sulfur by weight.		40 CFR 63.6604 40 CFR 80.510(b)	N	Y	Y	N	Y	Y	N	N	N	R – Maintain documentation on the sulfur content of all fuels received.

EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
F001	20.95 tons/year PM emissions per rolling, 12-month period (crushing) 8.21 tons/year PM_{10} emissions per rolling, 12-month period (crushing) 2.34 tons/year particulate emissions per rolling, 12-month period (generator) 1.11 tons/year PM_{10} emissions per rolling, 12-month period (generator) 36.76 tons/year NO_x emissions per rolling, 12-month period 16.44 tons/year CO emissions per rolling, 12-month period 9.87 tons/year SO_2 emissions per rolling, 12-month period 1.74 tons/year OC emissions per rolling, 12-month period	31-05(C) Synthetic Minor to avoid PSD and Nonattainment NSR		N	Y	N	N	Y	Y	N	N	N	OR – The maximum annual fuel consumption for this emissions unit shall not exceed 286,542 gallons of diesel fuel, based upon a rolling, 12-month summation of the diesel fuel consumption. R – Maintain monthly records of the rolling, 12-month summation of the fuel consumption Rp – Quarterly deviation reports which identify all exceedances of the rolling, 12-month limitation on fuel consumption.

EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
F002	7.4 tons/ year of fugitive particulate matter of 10 microns or less (PM10) 25.2 tons/year of fugitive particulate emissions (PE) no visible PE except for 3 minutes during any 60-minute period best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust	31-05(A)(3) (PTI#13-04622)		N	Y	Y	N	Y	Y	N	N	N	OR – Best available control measures shall be employed on all unpaved roadways and parking areas. M – Daily inspections of all roads and parking areas. R – Records when inspection did not occur and when control measures were implemented and not implemented. Rp – Deviation reports of any non inspection days and instances when control measure was not implemented.
F002	None	17-07(B)(5)		Y	N	N	N	N	N	N	N	N	ND - The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
F002	Best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust.	17-08(B)		Y	Y	Y	N	Y	Y	N	N	N	OR – Best available control measures shall be employed on all unpaved roadways and parking areas. M – Daily inspections of all roads and parking areas. R – Records when inspection did not occur and when control measures were implemented and not implemented. Rp – Deviation reports of any non inspection days and instances when control measure was not implemented.

EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
F003	3.1 tons/year of fugitive particulate matter of 10 microns or less (PM10) 6.4 tons/year of fugitive particulate emissions (PE) no visible PE except for one minute during any 60-minute period best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust	31-05(A)(3) (PTI#13-04622)		N	Y	Y	N	Y	Y	N	N	N	OR – Best available control measures on all load-in and load-out operations. Maintain drop height for stackers and front-loaders, and sufficient dust suppression. Best available control measures shall be employed for wind erosion. M – Daily inspections of load-in, load-out, and wind erosion at each storage pile. R – date and reason of inspection and non-inspection. Dates control measures implemented. Quarterly records with total number of days controls were used and total days controls were not required. Rp – Quarterly deviation reports identifying why inspection was not performed and each instance a control measure was not implemented.
F003	None.	17-07(B)		Y	N	N	N	N	N	N	N	N	ND - The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
F003	Best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust	17-08(B)		N	Y	Y	N	Y	Y	N	N	N	OR – Best available control measures on all load-in and load-out operations. Maintain drop height for stackers and front-loaders, and sufficient dust suppression. Best available control measures shall be employed for wind erosion. M – Daily inspections of load-in, load-out, and wind erosion at each storage pile. R – date and reason of inspection and non-inspection. Dates control measures implemented. Quarterly record with total number of days controls were used and total days controls were not required. Rp – Quarterly deviation reports identifying why inspection was not performed and each instance a control measure was not implemented

DRAFT

Division of Air Pollution Control
Title V Permit
for
Independence Recycling, Inc.

Facility ID:	1318958479
Permit Number:	P0096140
Permit Type:	Initial
Issued:	1/14/2013
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance

Division of Air Pollution Control
Title V Permit
for
Independence Recycling, Inc.

Table of Contents

Authorization 1
A. Standard Terms and Conditions 3
1. Federally Enforceable Standard Terms and Conditions 4
2. Monitoring and Related Record Keeping and Reporting Requirements 4
3. Scheduled Maintenance 7
4. Risk Management Plans 7
5. Title IV Provisions 8
6. Severability Clause 8
7. General Requirements 8
8. Fees 9
9. Marketable Permit Programs 9
10. Reasonably Anticipated Operating Scenarios 9
11. Reopening for Cause 10
12. Federal and State Enforceability 10
13. Compliance Requirements 10
14. Permit Shield 12
15. Operational Flexibility 12
16. Emergencies 12
17. Off-Permit Changes 12
18. Compliance Method Requirements 13
19. Insignificant Activities or Emissions Levels 13
20. Permit to Install Requirement 13
21. Air Pollution Nuisance 14
22. Permanent Shutdown of an Emissions Unit 14
23. Title VI Provisions 14
24. Reporting Requirements Related to Monitoring and Record Keeping Requirements Under State Law Only 15
25. Records Retention Requirements Under State Law Only 15
26. Inspections and Information Requests 15
27. Scheduled Maintenance/Malfunction Reporting 16
28. Permit Transfers 16

29. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations 16

B. Facility-Wide Terms and Conditions 17

C. Emissions Unit Terms and Conditions 19

1. F001, Portable Slag Crushing Plant 20
2. F002, Unpaved Roadways & Parking Areas 43
3. F003, Storage Piles 47

Authorization

Facility ID:	1318958479
Facility Description:	Portable rock crushing plant.
Application Number(s):	A0027741
Permit Number:	P0096140
Permit Description:	Initial Title V permit for Independence Recycling (as a support facility for the Title V facility - ArcelorMittal). This facility is a portable slag crushing plant (F001), it consists of one jaw crusher, two cone crushers, conveyors, four screeners and an 18.93 mmBtu/hr diesel generator to run the plant. Also located at the plant are unpaved roadways and parking areas (F002) and storage piles (F003). PTI 13-04621 was issued on 9/12/2006 for F001, and PTI 13-04622 was issued on 4/25/2006 for F002 and F003.
Permit Type:	Initial
Issue Date:	1/14/2013
Effective Date:	To be entered upon final issuance
Expiration Date:	To be entered upon final issuance
Superseded Permit Number:	

This document constitutes issuance of an OAC Chapter 3745-77 Title V permit to:

Independence Recycling, Inc.
2615 West 3rd Street
Cleveland, OH 44113

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Cleveland Division of Air Quality
2nd Floor
75 Erieview Plaza
Cleveland, OH 44114
(216)664-2297

The above named entity is hereby granted a Title V permit pursuant to Chapter 3745-77 of the Ohio Administrative Code. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. You will be sent a notice approximately 18 months prior to the expiration date regarding the renewal of this permit. If you do not receive a notice, please contact the Cleveland Division of Air Quality. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-08(E) and in accordance with the terms of this permit beyond the expiration date, if a timely renewal application is submitted. A renewal application will be considered timely if it is submitted no earlier than 18 months (540 days) and no later than 6 months (180 days) prior to the expiration date.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Scott J. Nally
Director

A. Standard Terms and Conditions

1. Federally Enforceable Standard Terms and Conditions

a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:

(1) Standard Term and Condition A. 24., Reporting Requirements Related to Monitoring and Record Keeping Requirements of State-Only Enforceable Permit Terms and Conditions

(2) Standard Term and Condition A. 25., Records Retention Requirements for State-Only Enforceable Permit Terms and Conditions

(3) Standard Term and Condition A. 27., Scheduled Maintenance/Malfunction Reporting

(4) Standard Term and Condition A. 29., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

(Authority for term: ORC 3704.036(A))

2. Monitoring and Related Record Keeping and Reporting Requirements

a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit), the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

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

(2) The date(s) analyses were performed.

(3) The company or entity that performed the analyses.

(4) The analytical techniques or methods used.

(5) The results of such analyses.

(6) The operating conditions existing at the time of sampling or measurement.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

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 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.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c) The permittee shall submit required reports in the following manner:

(1) All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:

Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year in accordance with Standard Term and Condition A.2.c)(2) below; and each report shall cover the previous calendar quarter. An exceedance of the visible emission limitations specified in OAC rule 3745-17-07(A)(1) that is caused by a malfunction is not a violation and does not need to be reported as a deviation if the owner or operator of the affected air contaminant source or air pollution control equipment complies with the requirements of OAC rule 3745-17-07(A)(3)(c).

In accordance with OAC rule 3745-15-06, a malfunction reportable under OAC rule 3745-15-06(B) is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any scheduled maintenance, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(2) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit or, in some cases, in section B. Facility-Wide Terms and Conditions of this Title V permit), all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive

measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as provided below, the written reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written deviation reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. Full compliance with OAC rule 3745-77-07(A)(3)(c) requires reporting of all other deviations of the federally enforceable requirements specified in the permit as required by such rule.

If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement satisfies the reporting requirements specified in this Standard Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy (for the deviations so reported) the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this Standard Term and Condition.

See A.29 below if no deviations occurred during the quarter.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(3) All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with Standard Term and Condition A.2)c)(2) above shall be submitted in the following manner:

Unless otherwise specified by rule, written reports that identify deviations of the following federally enforceable requirements contained in this permit; Standard Terms and Conditions: A.3, A.4, A.5, A.7.e), A.8, A.13, A.15, A.19, A.20, A.21, and A.23 of this Title V permit, as well as any deviations from the requirements in section C. Emissions Unit Terms and Conditions of this Title V permit, and any monitoring, record keeping, and reporting requirements, which are not reported in accordance with Standard Term and Condition A.2.c)(2) above shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency by January 31 and July 31 of each year; and each report shall cover the previous six calendar months. Unless otherwise specified by rule, all other deviations from federally enforceable requirements identified in this permit shall be submitted annually as part of the annual compliance certification, including deviations of federally enforceable requirements not specifically addressed by permit or rule for the

insignificant activities or emissions levels (IEU) identified in section B. Facility-Wide Terms and Conditions of this Title V permit. Annual reporting of deviations is deemed adequate to meet the deviation reporting requirements for IEUs unless otherwise specified by permit or rule.

In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.

These semi-annual and annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with Standard Term and Condition A.2.c)(2) above.

If no such deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no such deviations occurred during that period.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii) and OAC rule 3745-77-07(A)(13)(b))

(4) 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 (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."

(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

(5) Reports of any required monitoring and/or record keeping information shall be submitted to Cleveland Division of Air Quality.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

3. Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance 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). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in Standard Term and Condition A.2.c)(1) above.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

4. Risk Management Plans

If applicable, the permittee shall 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"); and, pursuant to 40 C.F.R. 68.215(a), the permittee shall submit either of the following:

a) a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or

b) as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

(Authority for term: OAC rule 3745-77-07(A)(4))

5. 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.

(Authority for term: OAC rule 3745-77-07(A)(5))

6. 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.

(Authority for term: OAC rule 3745-77-07(A)(6))

7. 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, in accordance with Standard Term and Condition A.11 below. 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.

f) Except as otherwise indicated below, this Title V permit, or permit modification, is effective for five years from the original effective date specified in the permit. In the event that this facility becomes eligible for non-title V permits, this permit shall cease to be enforceable when:

(1) the permittee submits an approved facility-wide potential to emit analysis supporting a claim that the facility no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on the permanent shutdown and removal of one or more emissions units identified in this permit; or

(2) the permittee no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on obtaining restrictions on the facility-wide potential(s) to emit that are federally enforceable or legally and practically enforceable ; or

(3) a combination of (1) and (2) above.

The permittee shall continue to comply with all applicable OAC Chapter 3745-31 requirements for all regulated air contaminant sources once this permit ceases to be enforceable. The permittee shall comply with any residual requirements, such as quarterly deviation reports, semi-annual deviation reports, and annual compliance certifications covering the period during which this Title V permit was enforceable. All records relating to this permit must be maintained in accordance with law.

(Authority for term: OAC rule 3745-77-01(W), OAC rule 3745-77-07(A)(3)(b)(ii), OAC rule 3745-77(A)(7))

8. 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.

(Authority for term: OAC rule 3745-77-07(A)(8))

9. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

(Authority for term: OAC rule 3745-77-07(A)(9))

10. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these standard terms and conditions shall apply to all operating scenarios authorized in this permit.

(Authority for term: OAC rule 3745-77-07(A)(10))

11. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

a) Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.

b) This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.

c) The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.

d) The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

12. 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.

(Authority for term: OAC rule 3745-77-07(B))

13. Compliance Requirements

a) Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V 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:

(1) 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.

(2) 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 paragraph (E) of OAC rule 3745-77-03.

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

(4) 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:

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

(2) 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.

d) Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:

(1) Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted (i.e., postmarked) on or before April 30th of each year during the permit term.

(2) Compliance certifications shall include the following:

a. An identification of each term or condition of this permit that is the basis of the certification.

b. The permittee's current compliance status.

c. Whether compliance was continuous or intermittent.

d. The method(s) used for determining the compliance status of the source currently and over the required reporting period.

e. Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.

(3) Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

14. Permit Shield

a) Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

b) This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

(Authority for term: OAC rule 3745-77-07(F))

15. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

16. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

(Authority for term: OAC rule 3745-77-07(G))

17. Off-Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

a) The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.

b) The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emissions levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.

c) The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).

d) The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

e) The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit-to-install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(Authority for term: OAC rule 3745-77-07(I))

18. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.

(This term is provided for informational purposes only.)

19. Insignificant Activities or Emissions Levels

Each IEU that has one or more applicable requirements shall comply with those applicable requirements.

(Authority for term: OAC rule 3745-77-07(A)(1))

20. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

(Authority for term: OAC rule 3745-77-07(A)(1))

21. 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.

(Authority for term: OAC rule 3745-77-07(A)(1))

22. Permanent Shutdown of an Emissions Unit

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification from the responsible official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the responsible official that the emissions unit was permanently shut down.

After the date on which an emissions unit is permanently shut down (i.e., that has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31 and therefore ceases to meet the definition of an "emissions unit" as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any Title V permit requirements applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.

No emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.

(Authority for term: OAC rule 3745-77-01)

23. Title VI Provisions

If applicable, the permittee shall comply with the standards for recycling and reducing emissions of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices specified in 40 CFR 82.156.

b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment specified in 40 CFR 82.158.

c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

(Authority for term: OAC rule 3745-77-01(H)(11))

24. Reporting Requirements Related to Monitoring and Record Keeping RequirementsUnder State Law Only

The permittee shall submit required reports in the following manner:

a) Reports of any required monitoring and/or record keeping 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 (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) 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. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. 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 (i.e., postmarked) quarterly, 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.)

25. Records Retention RequirementsUnder State Law Only

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.

26. 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.

(Authority for term: OAC rule 3745-77-07(C))

27. 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).

28. 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.

(Authority for term: OAC rule 3745-77-01(C))

29. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

If no emission limitation (or control requirement), operational restriction and/or control device parameter limitation 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 (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

a) where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in Standard Term and Condition A.2.c)(2); or

b) where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potentials to emit; or

c) where the company's responsible official has certified that an emissions unit has been permanently shut down.

B. Facility-Wide Terms and Conditions

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

   a) None.

2. This Title V permit is being issued because Independence Recycling, Inc. is a support operation for Arcelor Mittal Steel Plant (1318001613) which is a Title V facility.

C. Emissions Unit Terms and Conditions

1. F001, Portable Slag Crushing Plant

Operations, Property and/or Equipment Description:

500 TPH Portable Slag Crushing Plant including primary and secondary crushing, screening and conveyor system and 18.93 mmBtu/hr (7440 HP) diesel generator.

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) PTI#13-04621 issued on 9/12/2006	*Slag Crushing Plant* 10.48 lbs PM/hour (fugitive) 4.10 lbs PM_{10}/hour (fugitive) Visible emissions of fugitive dust shall not exceed ten percent opacity, as a six-minute average. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. See b)(2)a. below. *18.93 mmBtu/hr Diesel Generator* 1.17 lb/hour of particulate emissions; 1.08 lb/hour of PM_{10} emissions; 35.97 lbs/hour of NO_x emissions; 16.09 lbs/hour of CO emissions; 9.65 lbs/hour of SO_2emissoins; and 1.10 lb/hr of OC emissions. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(5)(b) and 3745-17-

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		07(A).
b.	OAC rule 3745-17-07(A)	Visible particulate emissions from the diesel generator stack shall not exceed twenty percent opacity, as a six-minute average, except as provided by rule.
c.	OAC rule 3745-17-07(B)(1)	The visible emission limitation for fugitive dust specified by this rule is less stringent than the visible emission limitation established for fugitive dust pursuant to OAC rule 3745-31-05(A)(3).
d.	OAC rule 3745-17-08(B)	The fugitive dust control measures specified by this rule are equivalent to the fugitive dust control measures established pursuant to OAC rule 3745-31-05(A)(3).
e.	40 CFR Part 60 Subpart OOO	The visible emission limitation for fugitive dust specified by this rule is equivalent to or less stringent than the visible emission limitation for fugitive dust established pursuant to OAC rule 3745-31-05(A)(3).
f.	40 CFR Part 63 Subpart ZZZZ (40 CFR 63.6580 to 63.6675) In accordance with 40 CFR 63.6585, this emissions unit is a stationary internal combustion engine (ICE) subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines.	The new stationary compression ignition (CI) reciprocating internal combustion engine (RICE), located at a major source for hazardous air pollutants (HAPs), shall be operated and maintain in continuous compliance with the emission standards and applicable requirements of 40 CFR Part 63, Subpart ZZZZ.
g.	40 CFR 63.6600(b) Table 2a #3 to Subpart ZZZZ	Emissions of formaldehyde shall not exceed 580 ppbvd at 15% O_2 or emissions of CO shall be reduced by 70% or more.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
h.	40 CFR 89.112 Tier 2 limit	The exhaust emissions from this engine shall not exceed 3.5 grams CO/kilowatt hour (g/kW-hr); or Emissions of CO shall be reduced by 70% or more, as option in b)(2)(e).
i.	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions (PE) shall not exceed 0.062 lb/MMBtu of actual heat input from ICE greater than 600 horsepower (HP).
j.	OAC rule 3745-110-03(F)(3)	Emissions of nitrogen oxides (NOx) shall not exceed 3.0 grams/HP-hr.
k.	40 CFR 63.6604 40 CFR 80.510(b)	The sulfur content of the diesel fuel burned in this emissions unit shall not exceed 15 ppm or 0.0015% sulfur by weight.
l.	OAC rule 3745-31-05(D)(1)(a) Synthetic Minor to avoid PSD and Nonattainment NSR	*Slag Crushing Plant* 20.95 tons/year PM emissions per rolling, 12-month period (fugitive) 8.21 tons/year PM_{10} emissions per rolling, 12-month period (fugitive) *18.93 mmBtu/hr Diesel Generator* 2.34 tons/year particulate emissions per rolling, 12-month period 1.11 tons/year PM_{10} emissions per rolling, 12-month period 36.76 tons/year NO_x emissions per rolling, 12-month period 16.44 tons/year CO emissions per rolling, 12-month period 9.87 tons/year SO_2 emissions per rolling, 12-month period 1.74 tons/year OC emissions per rolling, 12-month period

(2) Additional Terms and Conditions

a. The permittee shall employ best available control measures for the crushing operation for the purpose of ensuring compliance with the applicable requirements. In accordance with the permittee's permit application, the permittee has committed to employing water spray bars at the hopper charging point, after crushing operations, and at the end of each conveyor belt to ensure compliance. The permittee shall also minimize the free fall distance of the processed material. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

b. For each phase of the crushing operation that is not adequately enclosed, the control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) is (are) necessary to ensure compliance with the applicable requirements. Any required implementation of the control measure(s) shall continue during the operation of the crusher until further observation confirms that use of the control measure(s) is unnecessary.

c. The portable crushing plant that is covered by this permit and subject to the requirements of OAC rules 3745-17-07 and 3745-17-08 are listed below:

Front end loader to hopper
500 ton per hour 2250 Jaw Crusher
500 ton per hour 57S Cone Crusher
500 ton per hour 52FC Cone Crusher
4 Screening plants
Conveyor belts

d. Physically attach a permanent label to this portable crushing plant and identify it as facility number 13 18 95 8479.

e. The permittee shall control the emissions of formaldehyde and CO from the stationary RICE exhaust using an oxidation catalyst or non-selective catalytic reduction (NSCR) device. The permittee shall either limit the concentration of formaldehyde to 580 ppbvd or less at 15% O_2 at the outlet of the control device or the average reduction of CO, calculated according to 40 CFR 63.6620(e), shall not be less than 70% of the uncontrolled CO emissions.

f. The quality of the diesel fuel burned in this emissions unit shall meet the following specifications on an "as received" basis:

i. a sulfur content which is sufficient to comply with the allowable sulfur dioxide emission limitation of 0.0015 pound sulfur dioxide/MMBtu actual heat input; and 15 ppm sulfur or 0.0015% sulfur by weight;

ii. a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent; and

iii. a heating value greater than 135,000 Btu/gallon.

Compliance with the above-mentioned specifications shall be determined by using theanalytical results provided by the permittee or oil supplier for each shipment of oil.

g. The permittee shall comply with the following applicable requirements identified in 40 CFR Part 63, Subpart ZZZZ:

Applicable Rule	Requirement
40 CFR 63.6595(a)(2) & (3)	The compliance date for Part 63 Subpart ZZZZ for new CI RICE has past / compliance upon startup.
Applicable Tables from Part 63, Subpart ZZZZ	Comply with: emission limit options in Table 2a #3; operating limitations in Table 2b #1; performance test frequency in Table 3 #1 or #3; performance test methods in Table 4 #1 or #3; initial compliance demonstration in Table 5 #1, #5, or #10; continuous compliance monitoring requirements in Table 6 #1, #3, or #7; reporting requirements/frequency in Table 7; and the general provision from Subpart A in Table 8.
40 CFR 63.6600(b)	Maintain compliance with the emission limitation in Table 2a #3 (limit HCHO to 580 ppbvd or less at 15% O_2 or reduce CO by 70%) and the operating limitations identified in Table 2b to Part 63 Subpart ZZZZ.
40 CFR 63.6600(b); 40 CFR 63.6610; 40 CFR 63.6620; and Subpart ZZZZ Tables 4 & 5	Conduct an initial performance test within 180 days following the compliance date (180 of startup) using the appropriate test methods in Table 4; while continuously monitoring either CO and O_2 (or CO_2), using continuous emissions monitoring systems (CEMS), **or** the temperature at the inlet of the catalyst to the control device using a continuous parameter monitoring system (CPMS), as required in Table 5; and establish the operating parameter for the pressure drop across the catalyst.
40 CFR 63.6615; Subpart ZZZZ Table 3 #1 or #3; and Table 6 #1, #3, or #7	Either install CEMS to continuously monitor CO at the inlet and outlet of the control device if demonstrating compliance with the control requirement or at the outlet if choosing to comply with the CO concentration limit and conduct annual relative accuracy test audits (RATA) and daily data quality checks according to Table 6 #3 and measure the pressure drop across the catalyst monthly; **or** As required in Table 6 #1 or #7, install CPMS at the inlet of the catalyst of the control device and conduct subsequent semiannual performance tests (except where following 2 consecutive compliant performance tests, the frequency can be reduced to annually) to demonstrate compliance with either the formaldehyde concentration or the CO percent control, using the test methods in Table 4; and measure the pressure drop across the catalyst monthly.

40 CFR 63.6625(a); or 40 CFR 63.6625(b); and 40 CFR 63.8(c), (d), & (e)	Develop and implement a site-specific monitoring plan for the continuous monitoring system (CMS), to include a quality control program and performance evaluation test plan for the CMS, in accordance with 40 CFR 63.8.
40 CFR 63.6665	Meet all of the general provisions of Subpart A, from Sections 63.1 through 63.15, that apply to the CI RICE, as identified in Table 8 to Subpart ZZZZ.

c) Operational Restrictions

(1) The maximum annual fuel consumption for this emissions unit shall not exceed 286,542 gallons of diesel fuel, based upon a rolling, 12 month summation of the diesel fuel consumption.

[Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-31-05(D)(1)(a); PTI#13-04621]

(2) The permittee shall comply with the following applicable requirements identified in 40 CFR Part 63, Subpart ZZZZ:

Applicable Rule	Requirement
40 CFR 63.6625(a)(1)	If using CEMS for compliance, CEMS must be installed, operated, and maintained in continuous operation in accordance with the performance specifications of 40 CFR 60, Appendix B.
40 CFR 63.6625(b)(2)	If using CPMS for compliance, CPMS must be installed, operated, and maintained in continuous operation in accordance with the site-specific monitoring plan.
40 CFR 63.6604	Compliance with 80.510(b) for the quality of diesel fuel burned in non-emergency CI ICE with a displacement ofless than 30 liters/cylinder and a site rating of more than 300 brake horsepower. Standard for diesel fuel oil.
40 CFR 63.6605	General duty to minimize emissions, with good air pollution control practices for minimizing emissions; and compliance required at all times.
40 CFR 63.6625(h)	Minimize idle and startup time, not to exceed 30 minutes.
40 CFR 63.6600(b); 40 CFR 63.6640(a); and Subpart ZZZZ Table 2b #1	Comply with operating limitations in Table 2b: The temperature of the stationary RICE exhaust at the inlet of the oxidation catalyst shall be maintained at greater than or equal to 450 degrees Fahrenheit and less than or equal to 1,350 degrees Fahrenheit; and the pressure drop across the catalyst shall be maintained at no more than 2 inches of water, plus or minus 10% of the pressure drop measured during the initial performance test, at 100% load.

40 CFR 63.6625(b)(4) through (6)	Must conduct an annual equipment performance evaluation or system accuracy audit on the temperature measurement device. The temperature sensor must meet the minimum tolerance range and must be installed, operated, and maintained as specified in 40 CFR 63.6625(b) and in accordance with the site-specific monitoring plan.

[Authority for term: OAC rule 3745-77-07(A)(1); 40 CFR Part 63, Subpart ZZZZ]

d) Monitoring and/or Recordkeeping Requirements

(1) Except as otherwise provided in this section, for concrete recycling operations that are not adequately enclosed, the permittee shall perform daily inspections of such operations.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

(2) The above mentioned inspections shall be performed during representative, normal operating conditions.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

(3) The permittee may, upon receipt of written approval from the Cleveland Division of Air Quality (Cleveland DAQ), modify the above mentioned inspection frequencies if operating experience indicated that less frequent inspections would be sufficient to ensure compliance with the applicable requirements.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

(4) The permittee shall maintain records of the following information:

a. the date and reason any required inspection was not performed;

b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s):

c. the dates the control measure(s) was (were) implemented; and

d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

The information in (4)d. above, shall be kept separately for each material handling operation, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

(5) The permittee shall maintain daily records of the following information:

a. the production rate of crushed slag processed for each day;

b. the application of water and/or chemical additives;

c. the name of the equipment operator responsible for the treatment; and,

d. the general weather conditions for each day, with respect to temperature, precipitation, wind speed and wind direction.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

(6) For each day during which the permittee burns a fuel other than diesel fuel the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit. The permittee shall also maintain documentation on the sulfur content of all fuels received.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

(7) The permittee shall maintain monthly records of the following information:

a. the operating hours for each month;

b. the fuel consumption for each month; and

c. the rolling, 12-month summation of the fuel consumption.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(D)(1)(a); PTI#13-04621]

(8) For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of the diesel oil received and the oil supplier's (or permittee's) analyses for sulfur content, in parts per million (40 CFR 80.510) or percent by weight. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR 80.580, using the appropriate ASTM methods. These records shall be retained for a minimum of 5 years and shall be available for inspection by the Director or his/her representative.

[Authority for term: OAC rule 3745-77-07(C); 40 CFR Part 63, Subpart ZZZZ]

(9) The permittee shall comply with the following applicable requirements identified in 40 CFR Part 63, Subpart ZZZZ:

Applicable Rule	Requirement
40 CFR 63.6625(a); 40 CFR 63.8; and Subpart ZZZZ Table 6 #3	If installing CEMS to demonstrate continuous compliance must conduct: 1. daily and periodic data quality checks in accordance with 40 CFR Part 60, Appendix F, procedure 1. 2. an initial performance evaluation of the CEMS (initially in conjunction with the appropriate test methods in Table 4) using Performance Specifications 3 and 4A (PS 3 and 4A) of 40 CFR Part 60, Appendix B; and 3. annual relative accuracy test audits (RATA) for each CEMS according to the requirements in 40 CFR 63.8 and using PS 3 and 4A of 40 CFR Part 60, Appendix B. Each CEMS must complete a minimum of 1 cycle of operation each 15-minute period; and need at least 2 readings to have a valid hour of data. Data from the CEMS shall be reduced to 1-hour and 4-hour averages according to Table 6 #3.
40 CFR 63.6625(b); 40 CFR 63.8; and Subpart ZZZZ Table 6 #1 or #7	If installing CPMS to demonstrate continuous compliance, the CPMS must collect data at least once every 15 minutes and the catalyst inlet temperature shall be reduced to 4-hour rolling averages. The pressure drop across the catalyst must be monitored and recorded monthly. Develop site-specific monitoring plan for the CPMS.
40 CFR 63.6600(b) and Subpart ZZZZ Table 2b	If not using CPMS to demonstrate compliance, maintain a daily log to record the catalyst inlet temperature. Maintain a monthly record of the pressure drop across the catalyst.
40 CFR 63.6635	Except for monitor malfunctions, associated repairs, and required quality assurance activities, must continuously monitor that the RICE is operating. Must use all valid data (not recorded during malfunctions, repairs, or required quality assurance or control activities) in calculations used to report emissions or operating levels.
40 CFR 63.6640(a)	Demonstrate continuous compliance with the emission limitation and operating limitations identified in Tables 2a and 2b according to the methods specified in Table 6 to Subpart ZZZZ.
40 CFR 63.6655(a) and 40 CFR 63.10	Keep records of: 1. each notification and report submitted to comply with Subpart ZZZZ; 2. the occurrence and duration of each malfunction of the RICE and any control or monitoring equipment; 3. corrective actions taken during each period of malfunction to minimize emissions and restore normal operations; 4. records of performance tests and performance evaluations; 5. all required maintenance performed on air pollution control and monitoring equipment; and 6. any excess emissions or parameter monitoring exceedances, as identified by 40 CFR 63.10.

Applicable Rule	Requirement
40 CFR 63.6655(b); 40 CFR 63.10(b); and 40 CFR 63.8(d)	Keep records for each CEMS or CPMS used to demonstrate compliance, including: the performance evaluation/test plan; previous versions of the performance evaluation plan; performance tests and evaluations; results of the quality control program; CMS calibration checks; maintenance performed on air pollution control and monitoring equipment; the occurrence, duration, and corrective actions taken during periods of malfunction; and all measurements needed to demonstrate compliance with the relevant standard.
40 CFR 63.6655(d)	Keep the records required in Table 6 to Subpart ZZZZ to demonstrate continuous compliance.
40 CFR 63.6604 and 40 CFR 80.510(b)	Maintain records for the quality of diesel fuel burned in the CI ICE, i.e., for the standards identified in 40 CFR 80.510(b).
40 CFR 63.6625(h)	Maintain a record of each idle and/or startup time that exceeded 30 minutes.
40 CFR 63.6660	Records readily available and retained for at least 5 years after the date of occurrence or date of report according to 63.10(b)(1).

[Authority for term: OAC rule 3745-77-07(C)(1); 40 CFR Part 63, Subpart ZZZZ]

e) Reporting Requirements

(1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall submit quarterly deviation reports to the Cleveland DAQ that identify any of the following occurrences:

a. each day during which an inspection was not performed by the required frequency; and

b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.

These deviation (excursion) reports shall be submitted in accordance with the general terms and conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

(3) The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than diesel was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

(4) The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 60.672 of 40 CFR Part 60, including reports of opacity observations made using method 9 to demonstrate compliance with 60.672(b) and the BAT limit for fugitive opacity contained in this permit.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

(5) The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12-month limitation on fuel consumption.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(D)(1)(a); PTI#13-04621]

(6) A comprehensive written report on the results of the performance tests, conducted to demonstrate compliance with 40 CFR 63.6600(b) and OAC rule 3745-110-03(F), shall be signed by the person or persons responsible for the tests and submitted to the Cleveland Division of Air Quality (Cleveland DAQ) within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Cleveland DAQ.

[Authority for term: OAC rule 3745-77-07(C)(1); 40 CFR Part 63, Subpart ZZZZ]

(7) The permittee shall comply with the following applicable requirements identified in 40 CFR Part 63, Subpart ZZZZ:

Applicable Rule	Requirement
40 CFR 63.6604	Identify in the semiannual compliance reports any period of time (date and number of hours), during the reporting period, that the quality of oil burned in this emissions unit did not meet the requirements established in 40 CFR 80.510(b).
40 CFR 63.6640(b)	Submit a report of each instance in which the emission limitation or operating limitations in Tables 2a and 2b were not met; these deviations to be reported according to the requirements of 63.6650.
40 CFR 63.6640(e)	Submit a report of each instance in which the applicable requirements in Table 8 to Subpart ZZZZ, the general provisions from Subpart A, were not met.
40 CFR 63.6645(a)(3)	Submit all notifications required per 63.7(b) and (c); 63.8(e), (f)(4), and (f)(6); and 63.9(b) through (e), (g), and (h) that apply to the CI RICE.

Applicable Rule	Requirement
40 CFR 63.6645(c) and 40 CFR 63.9(b)(2)	The initial notification that the new RICE is subject to the NESHAP standards must be submitted within 120 days after the effective date of the standard (startup). The permit application may serve as the initial notification.
40 CFR 63.6625(a) & (b); 40 CFR 63.7(c); and 40 CFR 63.8(d) & (e)(3)	Upon request, submit a performance evaluation test plan for each monitoring system and/or the site-specific test plan to the office requesting it.
40 CFR 63.6645(g); 40 CFR 63.7(b); 40 CFR 63.8(e); and 40 CFR 63.9(e) & (g)	Submit a Notification of Intent to conduct a performance test for the emissions unit or a performance evaluation of the CMS at least 60 days before the test is scheduled to begin.
40 CFR 63.6645(h); 40 CFR 63.6630(c); 40 CFR 63.8(e)(5); 40 CFR 63.9(h); 40 CFR 63.10(d)(2) & (e)(2); and OAC rule 3745-15-04(A)	Submit a Notification of Compliance Status for each compliance demonstration required in Tables 3 and 5 to Subpart ZZZZ, including the performance test and CMS performance evaluation results, before the close of business on the 60th day following the completion of the test; or within 30 days of the initial compliance demonstration if the demonstration does not include a performance test. OAC rule 3745-15-04(A) requires performance test results to be submitted within 30 days of the test date unless additional time is requested.
40 CFR 63.6650(a)	Submit each applicable report in Table 7 of Subpart ZZZZ.
40 CFR 63.6650(b)(1) to (5) and Subpart ZZZZ Table 7 #1	Submit Semiannual Compliance Reports to include the information identified in 63.6650(c) through (f), as applicable to the CI ICE. Following the initial compliance report, each subsequent report shall cover the reporting period from January 1st through June 30th and July 1st through December 31st. The Semiannual Compliance Reports must be postmarked or delivered no later than July 31st and January 31st.
40 CFR 63.6650(c)	63.6650(c) contains the required information to be submitted in each compliance report.
40 CFR 63.6650(d) & (e)	63.6650(d) contains the required information to be submitted for each deviation from an emission or operating limitation not monitored by a continuous monitoring system (CMS) and 63.6650(e) the information needed where using a CMS to comply with the emission or operating limitation.

[Authority for term: OAC rule 3745-77-07(C); 40 CFR Part 63, Subpart ZZZZ]

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

10.48 pounds/hour of PM from slag crushing operation

4.10 pounds/hour of PM_{10} from slag crushing operation

Applicable Compliance Method:

Compliance with the hourly PM/PM_{10} emission limitation shall be determined using the controlled emission factors for crushing and material handling operations in AP-42, Chapter 11.19.2 (Crushed Stone Processing), Fifth Edition, dated 1/1995. The watering controlled emission factors from AP-42, are 0.0012 for PM and 0.00054 for PM_{10} for primary crushing, 0.00014 for PM and 0.000049 for PM_{10} for conveyors and 0.0022 for PM and 0.00074 for PM_{10} for screening in pounds/ton. The uncontrolled emission factor for hopper loading is 0.000016 for PM_{10}, for hopper loading PM emissions, multiply by (1 -.60) to account for the 60% watering emission control efficiency. The uncontrolled emission factor for pile formation is 9.5 lbs/hour of PM, multliply this by (1 - .75) to account for 75% watering emission control efficiency. These emissions factors shall be multiplied by the maximum process weight rate, in tons/hour, for each operation identified in b)(2). and summed.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

b. Emission Limitation:

Visible emissions of fugitive dust shall not exceed ten percent opacity, as a six-minute average.

Applicable Compliance Method:

Compliance with the above visible emission limitation shall be determined through performance testing using Method 9 of 40 CFR, Part 60, Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

c. Emission Limitation:

0.062 lb PE/MMBtu and 1.17 lbs/hour of PM emissions from the diesel fired generator

Applicable Compliance Method:

If required, compliance shall be determined by performing a stack test using Methods 1-5 of 40 CFR Part 60, Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); OAC rule 3745-17-11(B)(5)(b); PTI#13-04621]

d. Emission Limitation:

1.08 lbs/hour of PM_{10} emissions from the diesel fired generator

Applicable Compliance Method:

Compliance with the hourly PM_{10} emission limitation may be determined by multiplying the emission factor taken from the U.S. EPA reference document AP-42, 5th Edition compilation of Air Pollution Emission Factors Section 3.4, Table 3.4-2 (0.0573 lbs PM_{10}/mmBtu), by the capacity (18.93 mmBtu/hr).

If required, compliance shall be determined by performing a stack test using Methods 1-5 of 40 CFR Part 60, Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

e. Emission Limitations:

3.0 grams NOx/HP-hr

Applicable Compliance Method:

Compliance with the emission limitationsshall be based on the NOx emissions testing data, as specified below and by operating and maintaining the engine according to the manufacturer's specifications.

Thepermittee shall demonstrate compliance with the 3.0 grams/HP-hremission limitation through exhaust emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7, 7A, 7C, 7D, or 7E, as appropriate, and the requirements of OAC rule 3745-110-05. The compliance demonstrations shall be performed while the engine is operating at, or as close as possible, to 100% load and 100% of its speed. The permittee shall obtain any additional test data (i.e., flow rates, oxygen concentrations, moisture contents, etc.), diluent monitoring data, source fuel usage,and/or horsepower data, concurrent with the required compliance demonstration in order to convert the emission test results or monitoring data to the units of the applicable limit. Compliance demonstrations shall be performed that are representative of the normal operating modes, including fuel types or fuel blends employed and shall exclude periods of startup, shutdown, malfunction, and low load operating conditions.

The permittee shall notify the Cleveland Division of Air Quality (Cleveland DAQ) in writing of the scheduled performance test date at least 30 calendar days before it is scheduled, to allow the agency time to review and approve the site-specific test plan and to arrange for an observer to be present during the compliance demonstration.

Personnel from the Cleveland DAQ shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to

ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment. A written report of the test results, signed by the person responsible for the testing, shall be submitted to the Cleveland DAQ no later than 30 days after completion of the emissions tests.

[Authority for term: MACT Subpart ZZZZ, OAC 3745-110-03(F)(3), OAC 3745-110-05(A) and (F), and [OAC rule 3745-15-04(A) and (B)]

f. Emission Limitation:

35.97 lbs/hr of NO_x emissions from the diesel fired generator

Applicable Compliance Method:

Compliance with the hourly NO_x emission limitation may be determined by multiplying the emission factor taken from the U.S. EPA reference document AP-42, 5th Edition Compilation of Air Pollution Emission Factors Section 3.4, Table 3.4-1 (1.9 lbsNOx/mmBtu, controlled), by the capacity (18.93 mmBtu/hr).

If required, compliance shall be determined by performing a stack test using Methods 1-4 and 7 of 40 CFR Part 60, Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

g. Emission Limitations:

3.5 grams CO/kW-hr or 70% control (see testing f)(1)i. below)

Applicable Compliance Method:

Compliance with the emission limitations shall be based on the manufacturer's certification of the engine (if certified) or the CO emissions testing data submitted for this engine or a similar engine, and by maintaining it according to the manufacturer's specifications. The g/kW-hr limit is the Tier 2 emissions standard for diesel engines greater than 300 horsepower for model year 2001 and later, from 40 CFR 89.112 Table 1.

[Authority for term: OAC rule 3745-77-07(C)(1); 40 CFR Part 63, Subpart ZZZZ]

h. Emission Limitation:

16.09 lbs/hour of CO emission from the diesel fired generator

Applicable Compliance Method:

Compliance with the hourly CO emission limitation may be determined by multiplying the emission factor taken from the U.S. EPA reference document AP-42, 5th Edition Compilation of Air Pollution Emission Factors Section 3.4, Table 3.4-1 (0.85 lb CO/mmBtu), by the capacity (18.93 mmBtu/hr).

If required, compliance shall be determined by performing a stack test using Methods 1-4 and 10 of 40 CFR Part 60, Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

i. Emission Limitations:

580 ppbvd formaldehyde at 15% O_2 or

reduce CO by 70% or more

Applicable Compliance Method:

Unless a performance test is submitted that meets the requirements of 40 CFR 63.6610(d), the permittee shall conduct an initial performance test within 180 days from startup, to demonstrate compliance with either the formaldehyde limitation or the reduction requirement for CO. The appropriate tests methods from Table 4 to Subpart ZZZZ shall be conducted based on the option chosen for compliance, i.e., the part per billion formaldehyde concentration or percent reduction carbon monoxide. The appropriate emission and/or operating limitations, required per 40 CFR 63.6630 and identified in Table 5, shall be established and compliance demonstrated during each performance test.

The temperature at the inlet to the catalyst shall be monitored during the performance test and maintained between 450 °F and 1350 °F. The 3-hour block average temperature at the inlet to the catalyst shall be documented during performance tests and the pressure drop shall be recorded to establish the operating range for the pressure drop across the catalyst. Per 63.6640(b), if the catalyst is changed or the control device replaced, a new performance test must be conducted to demonstrate compliance with the emission limitation and to reestablish the values for or compliance with the operating parameters.

Each performance test shall consist of 3 separate test runs and each test run shall last a minimum of 1 hour and shall be conducted during normal operations. The engine percent load, during the performance test, shall be determined by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load and the estimated percent load shall be included in the notification of compliance.

A compliant performance test shall demonstrate that either the CO emissions have been reduced by 70% or that the average formaldehyde concentration is less than or equal to 580 ppbvd, corrected to 15 percent O_2 on a dry basis, and from three 1-hour or longer performance test runs.

If demonstrating compliance with the 70% control requirement for CO, the permittee may use a portable CO and O_2 analyzer at the inlet and outlet of the control device and use ASTM Method D6522-00 to meet the performance testing requirement in Table 4 to Subpart ZZZZ. The CO concentrations at the inlet and

outlet of the control device must be normalized to a dry basis and to 15% oxygen, or an equivalent percent CO_2, as required in 40 CFR 63.6620(e).

The following test methods shall be employed to demonstrate compliance with the emission limitation for formaldehyde or may be used to demonstrate compliance with the control requirement for CO:

i. Method 1 or 1A of 40 CFR Part 60, Appendix A to select the sampling port location and the number of traverse points

ii. Method 3, 3A, or 3B of 40 CFR Part 60, Appendix A or ASTM Method D6522-00 to measure O_2 at the inlet and outlet of the control device to normalize the CO or formaldehyde concentration(s).

iii. Method 4 of 40 CFR Part 60, Appendix A; or Method 320 of 40 CFR Part 63, Appendix A; or ASTM D6348-03 to measure the moisture content at the inlet and outlet of the control device if demonstrating compliance through the percent control or to measure the moisture content of the stationary RICE exhaust.

iv. Method 10 of 40 CFR Part 60, Appendix A; or Method 320 of 40 CFR Part 63, Appendix A; or ASTM D 6348-03 to measure CO at the inlet and outlet of the control device if demonstrating compliance through the percent control or to measure CO at the exhaust of the stationary ICE.

v. Method 320 or Method 323 of 40 CFR Part 63, Appendix A; or if meeting the requirements of Table 4, ASTM D 6348-03 at the outlet of the control device if demonstrating compliance with the formaldehyde concentration limitation.

vi. The following equation shall be used to normalize the formaldehyde concentrations to a dry basis and to 15 percent oxygen (O_2)**:

$C_{adj} = C_d\ (5.9 / 20.9 - \%\ O_2)$

Where:

C_{adj}= calculated formaldehyde concentration adjusted to 15 percent O_2.

C_d= measured concentration of formaldehyde, uncorrected.

5.9 = 20.9 percent O_2 − 15 percent O_2, the defined O_2 correction value, percent.

$\%O_2$ = measured O_2 concentration, dry basis, percent.

** Optionally, the pollutant concentrations can be corrected to 15% O_2 using a CO_2 correction factor, by calculating the fuel factor (F_o value) using Method 19 results obtained during the performance test (40 CFR 63.6620(e)(2)).

vii. If compliance is demonstrated for the control efficiency for CO, the following equation shall be used to determine the percent reduction:

$R = (C_i - C_o) / C_i \times 100$

Where:

C_i= concentration of CO at the control device inlet,

C_o= concentration of CO at the control device outlet, and

R = percent reduction of CO emissions.

If using CEMS at the inlet and outlet of the control device to monitor and comply with the requirement to reduce CO emissions, the permittee shall conduct annual RATA using Performance Specifications 3 and 4A of 40 CFR Part 60 Appendix B and daily and periodic data quality checks in accordance with 40 CFR Part 60, Appendix F, Procedure 1.

If using a CPMS to demonstrate compliance, the permittee shall conduct subsequent performance tests for the formaldehyde concentration or the percent reduction of CO every 6 months (semiannually); except, where following 2 consecutive compliant performance tests, the frequency can be reduced to annually if each such tests demonstrates compliance with the CO reduction requirement or formaldehyde emission limitation and where there have been no deviations from operating limitations.

The permittee shall notify the Cleveland DAQ in writing of each scheduled performance test date or RATA for the CEMS at least 60 calendar days before it is scheduled, to allow the agency time to review and approve the site-specific test plan and to arrange for an observer to be present during the compliance demonstration.

Personnel from the Cleveland DAQ shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

[Authority for term: OAC rule 3745-77-07(C)(1); 40 CFR Part 63, Subpart ZZZZ]

j. <u>Emission Limitation:</u>

9.65 lbs/hour of SO_2 emissions from the diesel fired generator

<u>Applicable Compliance Method:</u>

Compliance with the hourly SO_2 emission limitation may be determined by multiplying the emission factor taken from the U.S. EPA reference document AP-42, 5th Edition Compilation of Air Pollution Emission Factors Section 3.4, Table

3.4-1 (1.01 lb SO_2/mmBtu x .5 sulfur content = 0.51 lb SO_2/mmBtu) by the capacity (18.93 mmBtu/hr).

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

k. Emission Limitation:

1.7 lbs/hour of OC emission from the diesel fired generator

Applicable Compliance Method:

Compliance with the hourly OC emission limitation may be determined by multiplying the emission factor taken from the U.S. EPA reference document AP-42, 5th Edition Compliance of Air Pollution Emission Factors Section 3.4, Table 3.4-1 (0.09 lb TOC/mmBTU) by the capcity (18.93 mmBtu/hr.)

If required, compliance shall be determined by performing a stack test using Methods 1-4 and 25 or 25A of 40 CFR Part 60, Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04621]

l. Sulfur Content Limitations for Diesel Fuel:

Sulfur content 15 ppm or $\leq$ 0.0015%by weightsulfur

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements for the sulfur content of each shipment of diesel oil received. If meeting the standards in 40 CFR 80.510(b), this calculates to approximately 0.0015lb SO_2/MMBtu.

[Authority for term: OAC rule 3745-77-07(C)(1); 40 CFR Part 63, Subpart ZZZZ]

m. Emission Limitation:

Visible particulate emission shall not exceed twenty percent opacity, as a six-minute average, except as provided by rule (from the diesel fired generator).

Applicable Compliance Method:

Compliance shall be determined through performance testing using USEPA Method 9 of 40 CFR Part 60, Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-07(a); PTI#13-04621]

n. Emission Limitation:

20.95 tons/year of PM emissions from crushing operation per rolling, 12-month period

8.21 tons/year of PM_{10} emission from crushing operation per rolling, 12-month period

Applicable Compliance Method:

Compliance may be determined by multiplying the lb/hour limitation by the actual annual operating hours per rolling 12-month period, and dividing by 2000 lbs/ton. Alternatively, if actual annual records of the amount of material processed is maintained for each part of the crushing operation, then actual annual emissions may be determined by multiplying the emission factors identified in f)(1)a. above by the actual annual amount of material processed, then multiply by control efficiency (as noted in f)(1)a.), and then divide by 2000 lbs/ton.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(D)(1)(a); PTI#13-04621]

o. Emission Limitation:

2.34 tons/year of PM emissions from the diesel fired generator per rolling, 12-month period;

1.11 tons/year of PM_{10} emissions from the diesel fired generator per rolling, 12-month period;

36.76 tons/year of NO_x emissions from the diesel fired generator per rolling, 12-month period;

16.44 tons/year of CO emissions from the diesel fired generator per rolling, 12-month period;

9.87 tons/year of SO_2 emissions from the diesel fired generator per rolling, 12-month period;

1.74 tons/year of OC emissions from the diesel fired generator per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be determined by multiplying the emission factor (noted above) for each pollutant by 135,000 Btu/gallon and then multiply by the actual annual amount of diesel fuel consumed per rolling 12-month period, and dividing by 2000 lbs/ton. The actual amount of diesel fuel consumed shall be determined in accordance with the record keeping in d)(7).

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(D)(1)(a); PTI#13-04621]

g) Miscellaneous Requirements

(1) The permittee may relocate the portable source within the State of Ohio without first obtaining a permit-to-install and operate (PTIO) or a permit-to-install (PTI), providing the appropriate exemption requirements have been met and following the approval of the Director (the appropriate Ohio EPA District Office or local air agency). The Director may issue a "Notice of Site Approval" if the following criteria is met, pursuant to the permanent exemption for portable sources in OAC rule 3745-31-03(A)(1):

a. the portable source is operated in compliance with any applicable best available technology (BAT) determination issued in a permit and all applicable state and/or federal rules and laws;

b. the portable source is operating pursuant to a currently effective PTIO or PTI and/or permit to operate (PTO) and continues to comply with the requirements of the permit;

c. the permittee has provided a minimum of 30 days notice of the intent to relocate the portable source to the permitting authority (the Ohio EPA District Office or local air agency that has issued the effective current permit) prior to the scheduled relocation;

d. the Ohio EPA district office or local air agency having jurisdiction over the new site has determined that the permitted emissions would not cause a nuisance and would be acceptable under OAC rule 3745-15-07; and

e. the Director has issued a "Notice of Site Approval", stating that the proposed site is acceptable and the relocation of the portable source, along with any supporting permitted emissions (e.g. roadways or storage piles), would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site.

The portable source can be relocated upon receipt of the Director's "Notice of Site Approval" for the site.

[Authority for term: OAC rule 3745-31-03(A)(1)(p)(i)]

(2) If the relocation of the portable source would result in the installation of a major source or the modification of a major source, as defined in OAC rule 3745-31-01, the permittee shall submit an application and obtain a PTIO or PTI (as applicable) for the new location prior to moving the portable source.

When a portable source is located at a stationary source or at a site with multiple portable sources, the potential emissions of the portable source may be required to be added to that of the facility, in order to determine the potential to emit for Title V and PSD applicability. Relocation of any portable source that results in the creation of a major source, as defined in OAC rule 3745-77-01, must also meet all applicable requirements under the Title V program contained in OAC rule 3745-77, which may include the requirement to apply for a Title V permit.

The "Notice of Intent to Relocate" shall be submitted to the Ohio EPA District Office or local air agency responsible for issuing the permits for the portable source. Upon receipt of the notice, the permitting office shall notify the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Failure to submit said notification or failure to receive Ohio EPA approval prior to relocation of the portable source may result in fines and civil penalties.

[Authority for term: OAC rule 3745-31-03(A)(1)(p)(i)]

(3) At the discretion and following the approval of the Director (the appropriate Ohio EPA District Office or local air agency), the permittee may relocate the portable source within the State of Ohio without first obtaining a permit-to-install and operate (PTIO) or a permit-to-install (PTI), providing the appropriate notification and exemption requirements have been met. Pursuant to the permanent exemption for portable sources in OAC rule 3745-31-03(A)(1), the Director may issue a “Notice of Site Approval” for any pre-disclosed location if the portable source meets the requirements of OAC rule 3745-31-05(H), as follows:

a. the portable source is operating pursuant to a currently effective permit-to-install (PTI), permit-to-install and operate (PTIO), or has been approved for registration status and continues to comply with the requirements of the permit and any applicable state and/or federal rules;

b. the portable source has been issued a PTIO or PTI and the permittee continues to comply with the requirements of the permit, including any applicable best available technology (BAT) determination;

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

d. the permitting District Office/local air agency and the District Office/local air agency having jurisdiction over the new site (if different) have determined that the portable source will have an acceptable environmental impact at the proposed site;

e. a public notice, meeting the requirements OAC rule 3745-47, is published in the county where the proposed site is located;

f. the owner of the proposed site (if not the permittee) has provided the portable source owner with approval, or an equivalent declaration, that it is acceptable to move the portable source to the proposed site; and

g. thepermittee has provided the Ohio EPA with a minimum of a 15-day written notice of the relocation.

The portable source can be relocated upon receipt of the Director’s “Notice of Site Approval” for the site. Any site approval issued by the Ohio EPA, pursuant to OAC rule 3745-31-05(H) is subject to expiration and renewal. Pursuant to OAC rule 3745-31-07(C)(3), any site approval for a portable source shall be issued for a period of time

determined to be appropriate by the Director and the renewal will be reevaluated and subject to the same requirements above.

[Authority for term: OAC rule 3745-31-03(A)(1)(p)(ii)], [OAC rule 3745-31-05(H)], [OAC rule 3745-31-07(C)(3)], and [ORC 3704.03(G)]

2. F002, Unpaved Roadways & Parking Areas

Operations, Property and/or Equipment Description:

Unpaved roadways and parking areas.

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) PTI #13-04622 issued on 4/25/2006	7.4 tons/ year of fugitive particulate matter of 10 microns or less (PM_{10}) 25.2 tons/year of fugitive particulate emissions (PE) no visible PE except for 3 minutes during any 60-minute period best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust (See b)(2)a. through b)(2)f.)
b.	OAC rule 3745-17-07(B)(5) (applicable only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-17-08(B) (applicable only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08)	(See b)(2)a. through b)(2)f.)

(2) Additional Terms and Conditions

a. The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to treat the unpaved roadways and parking areas by application of chemical stabilization/dust suppressants and/or watering at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

b. The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for unpaved roadways and parking areas that are covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

c. The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.

d. Any unpaved roadway or parking area that is subsequently paved, will require a General Permit for paved roadways and parking areas.

e. Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.

f. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) Except as otherwise provided in this section, the permittee shall perform inspections of each of the roadway segments and parking areas in accordance with the following frequencies:

unpaved roadways and parking areas	minimum inspection frequency
all roads and parking areas	daily

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

(2) The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

(3) The permittee shall maintain records of the following information:

a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

c. the dates the control measures were implemented; and

d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in d)(3)d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

e) Reporting Requirements

(1) The permittee shall submit deviation reports that identify any of the following occurrences:

a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and

b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

(2) The deviation reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

7.4 tons/year of fugitive PM_{10}

25.2 tons/year of fugitive PE

Applicable Compliance Method:

Compliance with fugitive PE and PM_{10} limitations shall be determined by using the emission factor equations in Section 13.2.2, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 12/03) for unpaved roadways. Should further updates in AP-42 occur, the most current equations for unpaved roads shall be used.These emission limits in the General Permit were based on a maximum of 120,000 vehicle miles traveled per year, and a 95 % control efficiency for PE and PM_{10}.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

b. Emission Limitation:

No visible PE from unpaved roadways and parking areas except for a period of time not to exceed 3 minutes during any 60-minute observation period.

Applicable Compliance Method:

If required, compliance with the visible PE limitation listed above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources").

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

g) Miscellaneous Requirements

(1) None.

3. F003, Storage Piles

Operations, Property and/or Equipment Description:

Storage Piles

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) PTI #13-04622 issued on 4/25/2006	3.1 tons/year of fugitive particulate matter of 10 microns or less (PM_{10}) 6.4 tons/year of fugitive particulate emissions (PE) no visible PE except for one minute during any 60-minute period best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust (See b)(2)a. through b)(2)e.)
b.	OAC rule 3745-17-07(B) (applicable only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-17-08(B) (applicable only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08)	(See b)(2)a. through b)(2)e.)

(2) Additional Terms and Conditions

a. The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to maintain minimal drop heights for stackers and front-loaders, and chemical stabilization/dust suppressants and/or watering/sprinkling systems at sufficient treatment frequencies to ensure compliance.

b. The operator shall avoid dragging any front-end loader bucket along the ground. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

c. The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.

d. The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the application, the permittee has committed to perform one or more of the following: (chemical stabilization, watering/sprinkling systems/hoses, covering the storage piles) to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

e. The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.

f. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05(A)(3).

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile in accordance with the following frequencies:

storage pile identification	minimum load-in inspection frequency
all	daily

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

(2) Except as otherwise provided in this section, the permittee shall perform inspections of each load-out operation at each storage pile in accordance with the following frequencies:

storage pile identification	minimum load-out inspection frequency
all	daily

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

(3) Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile in accordance with the following frequencies:

storage pile identification	minimum wind erosion inspection frequency
all	daily

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

(4) No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

(5) The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for load-in and load-out of a storage pile, and wind erosion from the surface of a storage pile. The inspections shall be performed during representative, normal storage pile operating conditions.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

(6) The permittee shall maintain records of the following information:

a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

c. the dates the control measures were implemented; and

d. on a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

The information required in d)(6)d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation reports that identify any of the following occurrences:

a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and

b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

(2) The deviation reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitations:

3.1 tons/year of fugitive PM_{10}

6.4 tons/year of fugitive PE

Applicable Compliance Method:

Compliance with fugitive PE limitations shall be determined by using the emission factor equations in Sections 13.2.4 and 13.2.5, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 1/95), for load-in operations, load-out operations, and wind erosion. These emission limits in the General Permit were based on a maximum production of 3,000,000 tons per year, a maximum storage surface area less than or equal to 6 acres, and a 95% overall control efficiency for PE and PM_{10}.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

b. Emission Limitation:

There shall be no visible PE except for a period of time not to exceed one minute in any 60-minute observation period.

Applicable Compliance Method:

Compliance with the visible PE limitations for the storage piles identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources").

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3); PTI#13-04622]

g) Miscellaneous Requirements

(1) None.