



State of Ohio Environmental Protection Agency

Street Address:

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Lazarus Gov.  
Center

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

LUCAS COUNTY

Application No: 04-00880

Fac ID: 0448970005

DATE: 7/21/2005

Integrated Resources Inc.  
Scott Stansley  
3810 Herr Road  
Sylvania, OH 43560

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

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
309 South Fourth Street, Room 222  
Columbus, Ohio 43215

Sincerely

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

CC: USEPA

TDES



**Permit To Install  
Terms and Conditions**

**Issue Date: 7/21/2005  
Effective Date: 7/21/2005**

**FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 04-00880**

Application Number: **04-00880**  
APS Premise Number: **0448970005**  
Permit Fee: **\$0**  
Name of Facility: **Integrated Resources Inc. Stansley**  
Person to Contact: **Scott**  
Address: **3810 Herr Road  
Sylvania, OH 43560**

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**3810 Herr Road  
Sylvania, OHIO**

Description of modification:  
**Modification of facility ID for PTI 04-00880.**

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

**Integrated Resources Inc.**  
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**Modification Issued: 7/21/2005**

Facility ID: **0448970005**

## **GENERAL PERMIT CONDITIONS**

### **TERMINATION OF PERMIT TO INSTALL**

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

### **NOTICE OF INSPECTION**

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

### **CONSTRUCTION OF NEW SOURCES**

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

### **PERMIT TO INSTALL FEE**

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

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### **PUBLIC DISCLOSURE**

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

### **APPLICABILITY**

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

### **BEST AVAILABLE TECHNOLOGY**

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

### **PERMIT TO OPERATE APPLICATION AND OPERATION AFTER COMPLETION OF CONSTRUCTION**

If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the source(s) covered by this permit.

### **SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION**

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws and regulations.

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

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

Transfer to Elevated Bins

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Visible emissions, ≤20 % opacity as a 3 min avg. Sufficient moisture special handling enclosure</u>
P901	Truck Loading	Adjustable chutes vent to fabric filter	

Plant roadways and parking areas

Storage Piles	No visible emissions except for a period <1 min/hr sufficient moisture watering, minimize drop heights	No visible emissions except for a period <3 min/hr sufficient moisture speed restriction
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Weight Hopper Loading

Silo Vents & Cement Unloading	Enclosure & fabric filter
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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
Enclosure & fabric filter	Applicable Federal & OAC Rules	3745-31-05	Permit Allowable Mass Emissions and/or Control/Usage Requirements  Fugitive - 20% opacity. Rubber sock & water mist. TSP - 0.12 lb/hr, 0.53 tons/yr  No visible emissions except for a period <1 min/hr. Water spray for dust suppression. Minimize drop height. Maximum pile height of 12 ft. Gravity feed conveyor & underground storage piles. Wind erosion: TSP - 0.06 lb/hr, 0.25 ton/yr load in: TSP - .05 lb/hr, 0.20 ton/yr load out: TSP - 0.4 lb/hr, 1.75 tons/yr  Visible emissions ≤20%. Opacity as a 3 min avg. Adequate moisture for dust suppression.	Minimize drop height. Adequate enclosure. TSP - 0.84 lb/hr, 3.7 tons/yr
		3745-17-07		Unpaved: water spray for dust suppression, 5 mph speed restriction. TSP 0.001 lb/hr, 2.1 tons/yr
		3745-31-05 3745-17-07 (B) (1)		paved: sweeping, 10 mph speed restriction TSP- 0.001 lb/hr, 1.65 tons/yr
		3745-31-05 3745-17-07 (B) (6)		Enclosure, vent to a fabric filter. TSP - 0.007 lb/hr, 0.03 ton/yr
		3745-31-05 3745-17-07 (B) (1)		Enclosure and vent to a fabric filter Unloading: TSP - 0.24 lb/hr, 1.05 tons/yr Vent: TSP - 0.05 lb/hr, 0.21 ton/yr
		3745-31-05 3745-17-07 (B) (1)		

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**SUMMARY**  
**TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u><b>Pollutant</b></u>	<u><b>Tons/Year</b></u>
TSP	11.50

**RECORD(S) RETENTION AND AVAILABILITY**

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

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### **REPORTING REQUIREMENTS**

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Toledo District of Air Pollution Control, 348 South Erie Street, Toledo, Ohio 43602.**

### **WASTE DISPOSAL**

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

### **MAINTENANCE OF EQUIPMENT**

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

### **MALFUNCTION/ABATEMENT**

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Toledo District of Air Pollution Control, 348 South Erie Street, Toledo, Ohio 43602.**

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

### **AIR POLLUTION NUISANCES PROHIBITED**

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

### **NINETY DAY OPERATING PERIOD**

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

### **NOTICE OF INTENT TO RELOCATE**

Pursuant to OAC Rule 3745-31-03(A)(1)(n), the owner or operator of the portable or mobile source identified

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within this Permit to Install may relocate within the state of Ohio without first obtaining a Permit to Install providing the following criteria are met:

- a. the source is equipped with the Best Available Control Technology for such source;
- b. the source is operating pursuant to a currently effective Permit to Operate;
- c. the applicant has provided proper notice of intent to relocate the source to the Director within a minimum of 30 days prior to the scheduled relocation; and
- d. in the Director's judgement, the proposed site is acceptable under Rule 3745-15-07 of the Administrative Code.

In order for the Director to determine compliance with all of the above criteria, the owner or operator of the portable or mobile source must file a "Notice of Intent to Relocate" at least 30 days prior to relocation of the source with the **Toledo District of Air Pollution Control, 348 South Erie Street, Toledo, Ohio 43602.** Upon receipt of the notice, the Director, or the Director's authorized representative, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio Environmental Protection Agency approval prior to relocation of the source may result in fines and civil penalties.

### **CONSTRUCTION COMPLIANCE CERTIFICATION**

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

### **ADDITIONAL SPECIAL TERMS AND CONDITIONS**

#### **1. Relocation Notification**

Integrated Resources shall submit proper notice of intent to relocated to the Director at least thirty (30) days prior to the relocation.

#### **2. Control of Fugitive Dust From Plant Roadways and Parking areas**

The roadways and parking areas shall be treated with water, or a chemical dust suppressant in order to minimize or eliminate at all times visible emissions of fugitive dust generated by vehicular traffic. Frequency of application shall be as needed. This term and conditions shall be waived during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust.

Any material carried off of the source owner's property and deposited onto the city streets by the vehicular traffic or by erosion by water, etc., shall be promptly removed and disposed of properly in such

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manner so as to minimize or prevent resuspension.

A maximum speed limit of five (5) miles per hour for unpaved roadways and ten (10) mph for paved roadways, shall be posted and enforced on the property.

Open bodied vehicles transporting materials likely to become airborne shall be covered at all times.

3. **Visible Emission Limitations for Roadways and Parking Areas**

There shall be no visible particulate emissions from any paved roadways or parking area except for a period of time not to exceed one minute during any sixty-minute observation period.

There shall be no visible particulate emission from any unpaved road or parking area except for a period of time not to exceed three minutes during any sixty-minute observation period.

4. **Weight-Hopper Loading of Cement, Sand and Aggregate**

The cement hopper shall be adequately enclosed. The enclosure shall be sufficient so as to eliminate at all times visible emissions of fugitive dust. There shall be no visible emissions from the weight-hopper.

The aggregate and sand to be loaded into the weigh-hopper and the conveyor shall have a moisture content sufficient so as to minimize or eliminate at all times visible emissions of fugitive dust. The transfer conveyor discharge shall be enclosed and vented to the fabric filter. The enclosure shall be sufficient so as to eliminate at all times visible emissions of fugitive dust at the point of capture. The fabric filter shall achieve an outlet emission rate of not greater than 0.030 grains of particulate emissions per dry standard cubic foot of exhaust gases or there shall be no visible emission from the outlet, whichever is less stringent.

5. **Cement Transferring and Storage**

Cement shall be transferred pneumatically to storage. The pneumatic system shall be adequately enclosed so as to eliminate at all times visible emissions of fugitive dust. Any visible emissions of cement emanation from the delivery vehicle shall be cause for the immediate halt of the unloading process and the refusal of the cement load until the situation is corrected.

The cement silo vent shall be adequately enclosed and vented to a fabric filter. The enclosure shall be sufficient so as to minimize at all times visible emissions of fugitive dust at the points of capture. The fabric filter shall achieve an outlet emissions rate of not greater than 0.030 grains of particulate emissions per dry standard cubic foot of exhaust gases or there shall be no visible emissions from the outlet, whichever is greater.