



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Lazarus Gov.  
Center

RE: **FINAL PERMIT TO INSTALL MODIFICATION**      **CERTIFIED MAIL**  
LUCAS COUNTY  
Application No: 04-01007  
Fac ID: 0448970004

DATE: 7/21/2005

Integrated Resources Inc.  
Scott Stansley  
7901 Sylvania Ave  
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 04-01007**

Application Number: **04-01007**  
APS Premise Number: **0448970004**  
Permit Fee: **\$0**  
Name of Facility: **Integrated Resources Inc. Stansley**  
Person to Contact: **Scott**  
Address: **7901 Sylvania Ave  
Sylvania, OH 43560**

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**7901 Sylvania Avenue  
Sylvania, OHIO**

Description of modification:  
**Modification of Facility ID for portable concrete batch plant and associated equipment.**

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

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**Modification Issued: 7/21/2005**

Facility ID: **0448970004**

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

F002		Parking Lots
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Ohio EPA Source <u>Number</u>	Source Identification <u>Description</u>
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Storage Piles

F001

P902		Transfer of sand and aggregate to bins
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	Loading onto piles	Cement transfer to silos
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	Loadout from piles	Silo vents
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P903	Plant Roadways and	Weight hopper loading
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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>
3745-31-05	3745-31-05	Permit Allowable Mass Emissions and/or Control/Usage Requirements	as a three minute average. 5.5 lbs/hr TSP and 1.27 tons/yr TSP	
3745-17-07	3745-17-07	No visible emissions except for a period not to exceed one minute during any sixty-minute observation period. 0.33 lb/hr TSP and 0.08 ton/yr TSP for wind erosion.	Closed System no visible emissions  No visible emissions 0.02 lb/hr TSP and 0.005 ton/yr TSP	
3745-31-05	3745-17-07	Opacity not to exceed 20% as a three minute average. 0.8 lb/hr TSP and 0.184 ton/yr TSP	Opacity not to exceed 10% as a three minute average for sand and stone loading. No visible emissions from fabric filter during cement loading.	
3745-17-08	(B) (3)	Opacity not to exceed 20% as a three minute average 2.5 lbs/hr TSP and 0.58 ton/yr TSP	1.76 lbs/hr TSP and 0.4 ton/yr TSP	
3745-31-05	3745-17-07	Opacity not to exceed 20% as a three minute average 2.5 lbs/hr TSP and 0.58 ton/yr TSP	Opacity not to exceed 20% as a three minute average. 4.4 lbs/hr TSP and 1.01 tons/yr TSP	
3745-17-07	3745-17-08	NO visible emissions except for a period not to exceed three minutes during any sixty-minute observation period. Speed limit not to exceed 5 mph. 0.14 lb/hr TSP and 0.03 ton/yr TSP	Opacity not to exceed 20% as a three minute average.	
3745-17-08	(B) (3)	Opacity not to exceed 20%		

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

<u>Pollutant</u>	<u>Tons/Year</u>
TSP	3.6

**CONSTRUCTION STATUS**

**RECORD(S) RETENTION AND AVAILABILITY**

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

**REPORTING REQUIREMENTS**

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **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

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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 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.

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### **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. Storage Piles**

The permittee shall minimize the drop height of material being loaded onto or being removed from all storage piles. Sufficient moisture shall be maintained in the material to comply with the allowable visible emission requirements during load-in or load-out.

The storage piles shall be constructed with wind guards that extend above the maximum pile height. Periodic wetting of the piles shall take place so as to comply with the allowable visible emission requirements.

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**2. Plant Roadways and Parking Areas**

The permittee shall apply dust suppressants to the unpaved roadways and parking areas to minimize or eliminate, at all times, visible emissions of fugitive dust generated by vehicular traffic. Water or other appropriate dust suppressant shall be used, and the material shall be applied by a water truck or equipment supplied by a contractor. The dust suppressant shall be applied to the unpaved surfaces as needed to comply with the allowable visible emission requirements. This term and condition shall be waived during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust.

Any material carried off of the permittee's property and deposited onto public streets by vehicular traffic or by water, etc., shall be promptly removed and disposed of properly to minimize resuspension.

A maximum speed limit of 5 miles per hour shall be posted and enforced on the property.

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

The permittee shall maintain records which include the following information for the unpaved roadways and parking areas:

- A. The date dust suppressant were applied to the unpaved surfaces;
- B. The portions of unpaved surfaces that were treated with dust suppressants;
- C. The type of suppressant used and amount; and
- D. The name of the equipment operator responsible for the application of the dust suppressants.

**3. Transfer of Sand and Aggregate to Bins, Cement Transfer to Silos, Silo Vents**

The permittee shall maintain sufficient moisture in the sand and aggregate so as to comply with the visible emission requirements during transfer. Drop heights shall be minimized during loading of conveyors.

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

The cement silos vents 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 0.30 grains of particulate emissions

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per dry standard cubic foot of exhaust gases or there shall be no visible emissions from the outlet, whichever is greater.

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4. **Weight Hopper Loading of Cement, Sand and Aggregate; Loading of Transit Mix Trucks**

The cement weight hopper shall be adequately enclosed and vented to a fabric filter. The enclosure shall be sufficient 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 0.30 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.

The aggregate and sand to be loaded into the weight-hopper and conveyor shall have a moisture content sufficient so as to comply with the visible emission requirements.

Transit mix trucks shall be loaded using an adjustable chute and/or a flexible boot along with water spray during raw material loading. The equipment shall be operated so to comply with the visible emission requirements.