



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.  
Columbus, Ohio 43266-0149

Richard F. Celeste  
Governor

Re: Permit to Install  
DARKE County  
Application No. 08-1583 ✓

CERTIFIED MAIL

NOVEMBER 2, 1988

RECEIVED

ARCTEK CORP  
ROBERT WILLOUGHBY  
1 CENTURY DR  
GETTYSBURG, OHIO 45328

NOV 07 1988

REGIONAL AIR  
POLLUTION  
CONTROL AGENCY

Dear Sir:

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions I urge you to read it carefully.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Board of Review 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 with the Environmental Board of Review within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency and the Environmental Law Division of the Office of the Attorney General within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Very truly yours,

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

TGR/gs

cc: US EPA  
REGIONAL AIR POLLUTION CONTROL AGENCY

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## Permit to Install Terms and Conditions

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Application No. 08-1583  
APS Premise No. 0819050198  
Permit Fee: \$1400.

Name of Facility: ARCTEK CORP

Person to Contact: ROBERT WILLOUGHBY

Address: 1 CENTURY DR  
GETTYSBURG, OHIO 45328

Location of proposed source(s): AULD RD  
GETTYSBURG, OHIO

Description of proposed source(s): PARTS WASHER, WELDERS, OVEN, FUSE  
CLEANER, MOLTEN FUSE POT, PAINT  
DIP TANK, REWORK AREA, METAL PARTS  
LUBRICATING.

Date of Issuance: NOVEMBER 2, 1988

Effective Date: NOVEMBER 2, 1988

The above named entity is hereby granted a permit to install for the above described source(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit 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 and specifications, the above described source(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency



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Director

Substantial construction for installation must take place within eighteen months of the effective date of this permit. This deadline may be extended by up to twelve 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.

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, examining records or reports pertaining to the construction, modification or installation of the above described source of environmental pollutants.

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.

The specified permit fee must be remitted within 15 days of the effective date of this permit to install.

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

#### EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for Arctek Corp. located in Darke County. The sources listed below shall not exceed the emission limits/control requirements contained in the following table:

<u>Ohio EPA Source No.</u>	<u>Source Identification</u>	<u>BAT Determination</u>	<u>Applicable Ohio EPA rule</u>	<u>Allowable Emissions (lb/hr, lb/MMBTU, gr/DSCF, etc.)</u>
P001	Metal parts washer	Use of alkaline cleaning fluid	3745-31-05 3745-15-07	<0.09 TPY hydrocarbon
P002	2 welders; one robotic, one manual	Operational control; 5% opacity	3745-31-05 3745-15-07 3745-17-07	5% opacity visible emissions
P003	Tube oxidation oven	Use of natural gas fuel; 5% opacity	3745-31-05 3745-17-07	5% opacity visible emissions 1.5 TPY NO <sub>x</sub> 0.4 TPY CO <sub>x</sub> <0.25 TPY SO <sub>2</sub>
P004	Fuse plug cleaner/molten metal pot	Operational control; 5% opacity	3745-31-05 3745-17-07 3745-17-11 3745-15-07	5% opacity visible emissions
P005	Metal parts lubrication	Minimal organic material use (mineral oil blend)	3745-31-05 3745-21-07 (G)(2)	1 lb/hr; 24 lbs/day 1.0 TPY organic compounds (OC)
K001	Metal parts dip tank	Coating w/VOC content <2.3 lbs/gal less water	3745-31-05 3745-21-09 (U)(1)(a)(iv)	2.3 lbs VOC/gal minus water 5.25 lbs/hr & 23 TPY OC emissions
P006	Rework area, hand tools, manual welder	Operational control	3745-31-05 3745-15-07 3745-17-07	Negligible emissions 5% opacity visible emissions

SUMMARY  
 TOTAL NEW SOURCE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Particulate	<0.25
Sulfur dioxide	<0.25
Organic compounds	24.0
Nitrogen dioxide	1.5
Carbon monoxide	<0.40

This condition in no way limits the applicability of any other state or federal regulation.

APPLICABILITY

This Permit to Install is applicable only to the air contaminant sources listed and does not include the installation or modification of wastewater disposal systems or solid waste disposal facilities. Separate application must be made to the Director for the installation or modification of any such wastewater disposal systems or solid waste disposal facilities.

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.

PERMIT TO OPERATE APPLICATION

A Permit to Operate Application and a \$15 application fee must be submitted to the appropriate field office for each source in this Permit to Install. In accordance with OAC rule 3745-35-02, the application shall be made at least ninety days prior to start-up of the source.

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.

MALFUNCTION/ABATEMENT

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.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

Arctek Corp. shall maintain monthly records which list the following information for each surface coating or ink employed in this source:

- (a) the company identification of the surface coating;
- (b) the number of gallons employed;
- (c) the volatile organic compound (VOC) content, in percent by volume;
- (d) the solids content, in percent by volume;

- (e) the water content, in percent by volume; and
- (f) density of the volatile organic solvents, pounds per gallon.

These monthly records, as well as any supporting coating or ink analyses and computations, shall be retained in the company's files for a period of not less than two years and shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

Arctek Corp. shall submit semi-annual reports to the Regional Air Pollution Control Agency which summarize the following information for each coating employed in this source during the previous six calendar months: company identification of the surface coating, the total number of gallons employed, the VOC content (in pounds VOC per gallon of coating, minus water), the water content and the nonvolatile (solids) content. The reports shall be submitted by February 15 and August 15 of each year and shall cover the previous six calendar months (July through December and January through June, respectively).