



State of Ohio Environmental Protection Agency

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Columbus, Ohio 43266-0149  
(614) 644-3020  
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George V. Voinovich  
Governor

Re: Permit to Install  
Greene County  
Application No: 08-2157 ✓  
NSPS

CERTIFIED MAIL

RECEIVED

February 27, 1991

MAR 05 1991

WRIGHT PATTERSON AIR FORCE BASE  
EDWARD HESS  
2750 ABW/EME  
WRIGHT-PATTERSON AFB, OH 45433-5000

REGIONAL AIR  
POLLUTION  
CONTROL AGENCY

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 & Permit Section  
Division of Air Pollution Control

cc: US EPA  
REGIONAL AIR POLLUTION CONTROL



# Permit to Install Terms and Conditions

Application No. 08-2157  
APS Premise No. 0829700311  
Permit Fee: \$4875.00

Name of Facility: WRIGHT PATTERSON AIR FORCE BASE

Person to Contact: EDWARD HESS

Address: 2750 ABW/EME  
WRIGHT-PATTERSON AFB, OH 45433-5000

Location of proposed source(s): BLDG-20021  
WRIGHT-PATTERSON AFB, OHIO

Description of proposed source(s):  
14 FIBERGLASS REINFORCED PLASTIC (FRP) UNDERGROUND FUEL STORAGE TANKS; 11 FRP UNDERGROUND SCRAP STORAGE TANKS.

Date of Issuance: February 27, 1991

Effective Date: February 27, 1991

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

  
\_\_\_\_\_  
Director

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 SOURCE(S)

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 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 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 prove to be inadequate or cannot meet applicable standards.

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PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 15 days of the effective date of this permit to install.

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

A Permit to Operate application and a \$15 application fee must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be made at least 90 days prior to start-up of the source.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for WRIGHT PATTERSON AIR FORCE BASE located in Greene County. The sources 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.

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<u>Ohio EPA Source Number</u>	<u>Source Identification/Description</u>	<u>BAT Determination</u>	<u>Applicable Federal and OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control &amp; Usage Requirements</u>
T005	2,500 Gallon FRP Underground Storage Tank; A-1 Scrap Fuel	*	3745-31-05 3745-21-07 (D)(2)	<0.1 TPY OC
T006	2,500 Gallon FRP Underground Storage Tank; G-1 Scrap Fuel	*	3745-31-05 3745-21-07 (D)(2)	<0.1 TPY OC
T007	2,500 Gallon FRP Underground Storage Tank; G-2 Scrap Fuel	*	3745-31-05 3745-21-07 (D)(2)	<0.1 TPY OC
T008	12,000 Gallon FRP Underground Storage Tank; TB-1 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR Part 60 Subpart Kb	<0.1 TPY OC
T009	12,000 Gallon FRP Underground Storage Tank; TB-2 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR Part 60 Subpart Kb	<0.1 TPY OC
T010	12,000 Gallon FRP Underground Storage Tank; TB-3 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR Part 60 Subpart Kb	<0.1 TPY OC
T011	12,000 Gallon FRP Underground Storage Tank; TB-4 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR Part 60 Subpart Kb	<0.1 TPY OC

<u>Ohio EPA Source Number</u>	<u>Source Identification/Description</u>	<u>BAT Determination</u>	<u>Applicable Federal and OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control &amp; Usage Requirements</u>
T012	15,000 Gallon FRP Underground Storage Tank; TD-1 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR Part 60 Subpart Kb	<0.1 TPY OC
T013	15,000 Gallon FRP Underground Storage Tank; TD-2 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR 60 Subpart Kb	<0.1 TPY OC
T014	6,000 Gallon FRP Underground Storage Tank; TD-3 Fuel	*	3745-31-05 3745-21-07 (D)(2)	<0.1 TPY OC
T015	6,000 Gallon FRP Underground Storage Tank; TD-5 Scrap Fuel	*	3745-31-05 3745-21-07 (D)(2)	<0.1 TPY OC
T016	20,000 Gallon FRP Underground Storage Tank; TF-1 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR 60 Subpart Kb	1.05 TPY OC
T017	20,000 Gallon FRP Underground Storage Tank; TF-2 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR 60 Subpart Kb	1.05 TPY OC
T018	20,000 Gallon FRP Underground Storage Tank; TF-3 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR 60 Subpart Kb	1.05 TPY OC

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<u>Ohio EPA Source Number</u>	<u>Source Identification/Description</u>	<u>BAT Determination</u>	<u>Applicable Federal and OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control &amp; Usage Requirements</u>
T019	20,000 Gallon FRP Underground Storage Tank; TF-4 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR 60 Subpart Kb	1.05 TPY OC
T020	20,000 Gallon FRP Underground Storage Tank; TF-5 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR 60 Subpart Kb	1.05 TPY OC
T021	20,000 Gallon FRP Underground Storage Tank; TF-6 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR 60 Subpart Kb	1.05 TPY OC
T022	20,000 Gallon FRP Underground Storage Tank; TF-7 Fuel	*	3745-31-05 3745-21-07 (D)(2) 40 CFR 60 Subpart Kb	1.05 TPY OC
T023	4,000 Gallon FRP Underground Storage Tank; TF-8 Fuel	*	3745-31-05 3745-21-07 (D)(2)	<0.1 TPY OC
T024	550 Gallon FRP Underground Storage Tank; 62-1 Scrap Fuel	*	3745-31-05 3745-21-07 (D)(2)	<0.1 TPY OC
T025	1,000 Gallon FRP Underground Storage Tank; 71-A3 Scrap Fuel	*	3745-31-05 3745-21-07 (D)(2)	<0.1 TPY OC
T026	6,000 Gallon FRP Underground Storage Tank; 71-A4 Scrap Fuel	*	3745-31-05 3745-21-07 (D)(2)	<0.1 TPY OC

<u>Ohio EPA Source Number</u>	<u>Source Identification/Description</u>	<u>BAT Determination</u>	<u>Applicable Federal and OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control &amp; Usage Requirements</u>
T027	2,500 Gallon FRP Underground Storage Tank; 71-B Scrap Fuel	*	3745-31-05 3745-21-07 (D)(2)	<0.1 TPY OC
T028	6,000 Gallon FRP Underground Storage Tank; 92-1 Scrap Fuel	*	3745-31-05 3745-21-07 (D)(2)	<0.1 TPY OC
T029	6,000 Gallon FRP Underground Storage Tank; 92-2 Scrap Fuel	*	3745-31-05 3745-21-07 (D)(2)	<0.1 TPY OC

\*BAT is compliance with the allowables; submerged fill; the use of a vapor return line during fuel storage tank filling and emptying.

SUMMARY  
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
OC	9.15

MISCELLANEOUS STORAGE TANKS

Unless otherwise indicated, BAT for any miscellaneous storage tanks identified within this permit consists of the use of submerged fill into the storage tanks. The submerged fill pipe(s) are to be installed within six (6) inches of the bottom of the storage tank.

NEW SOURCE PERFORMANCE STANDARD SUBPART Kb

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b(a) and (b), the owner and operator of storage vessels T008, T009, T010, T011 (12,000 gal); T012, T013, (15,000 gal); T016, T017, T018, T019, T020, T021, T022 (20,000 gal) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each source.

In addition,

In accordance with 40 CFR 60.116b(a) and (c), the owner and operator of storage vessels T008, T009, T010, T011 (12,000 gal); T012, T013, (15,000 gal); T016, T017, T018, T019, T020, T021, T022 (20,000 gal) shall maintain a record of the volatile organic liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Records shall be retained for a minimum of two years.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. This facility shall equip each storage tank with submerged fill.
2. The maximum allowable throughput for each storage tank shall be 500,000 gallons per year.
3. During fuel storage tank filling and emptying a vapor return line shall be connected to each fuel storage tank to control vapor emissions.
4. During scrap fuel storage tank emptying a vapor return line shall be connected to each scrap fuel storage tank.
5. This facility shall maintain monthly records of the number of gallons of fuel throughput for each storage tank.

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6. Upon the issuance of this PTI 08-2157 the following sources shall be withdrawn:

Premises No.	0829700194	T001
	0829700194	T002
	0829700442	T001
	0829700195	T001
	0829700195	T008