



State of Ohio Environmental Protection Agency

STREET ADDRESS:

1800 WaterMark Drive
Columbus, OH 43215-1099

TELE: (614) 644-3020 FAX: (614) 644-2329

MAILING ADDRESS:

P.O. Box 1049
Columbus, OH 43216-1049

Re: Permit to Install
Portage County
Application No: 16-1796

CERTIFIED MAIL

August 26, 1998

PARKER HANNIFIN CORP - PARFLEX DIVISION
KELLY OTT
PO BOX 1212
RAVENNA, OH 44266

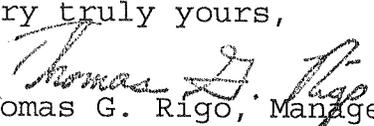
Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

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 with the Environmental Review Appeals Commission 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 within three (3) days of filing with the Commission. It is also requested by the Director that a copy of the appeal be served upon the Environmental Enforcement Section of the Office of the Attorney General. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
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
AKRON AIR POLLUTION CONTROL



Permit to Install Terms and Conditions

Application No. 16-1796
APS Premise No. 1667060121
Permit Fee: \$400.00

Name of Facility: PARKER HANNIFIN CORP - PARFLEX DIVISION

Person to Contact: KELLY OTT

Address: PO BOX 1212
RAVENNA, OH 44266

Location of proposed source(s): 1300 N FREEDOM STREET
RAVENNA, OHIO

Description of proposed source(s):
PROCEDYNE TOOL CLEANING OVEN #2 - INCINERATOR.

Date of Issuance: August 26, 1998

Effective Date: August 26, 1998

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

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Facility Name: **Parker Hannifin Corp - Parflex Division**

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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.

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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.

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.

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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 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 filed no later than thirty days after commencement of operation.

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.

Facility Name: **Parker Hannifin Corp - Parflex Division**Application Number: **16-1796**Date: **August 26, 1998**AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Parker Hannifin Corp - Parflex Division** located in **Portage** 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.

Ohio EPA Source Number	Source Identification Description	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
N002	Procedyne tool cleaning oven no. 2 - incinerator	See Additional Special Terms and Conditions	3745-31-05 3745-17-07 3745-17-09	0.02 pound PM per 100 pounds materials charged 0.01 TPY PM 0.08 pound/hour NO _x 0.35 TPY NO _x 0.004 pound/hour VOC 0.02 TPY VOC 0.002 pound/hour SO _x 0.01 TPY SO _x 0.02 pound/hour CO 0.07 TPY CO 1 percent opacity as a six-minute average

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SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	0.01
NOx	0.35
VOC	0.02
SOx	0.01
CO	0.07

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 **Akron Air Pollution Control, 146 South High Street, Room 904, Akron, OH 44308.**

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

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reported immediately to the **Akron Air Pollution Control, 146 South High Street, Room 904, Akron, OH 44308.**

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.

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

A. Operational Restrictions

1. The incinerator shall only be fired with natural gas.
2. The permittee shall not process parts which may emit vapors of toxic metals such as lead or mercury. The permittee shall not process parts or materials containing coatings or plastics which contain halogens such as chloride, fluorine, or bromine.
3. The incinerator shall be operated, maintained, and cleaned according to the manufacturer's recommendations so as to prevent the emissions of objectionable odors.

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4. No parts or materials shall be charged until sufficient time has been allowed for the preheating of the secondary chamber. Both the primary and secondary burners shall be kept in operation during the entire time the incinerator is in use. The auxiliary burner shall be fired until the necessary burn-down time is achieved.
5. The secondary chamber shall be maintained at a temperature of at least 1400 degrees Fahrenheit.

B. Monitoring and/or Recordkeeping Requirements

1. None.

C. Reporting Requirements

1. None.

D. Testing Requirements

1. Compliance with the emission limitations in permit to install 16-1796 shall be determined in accordance with the following methods:

a. Emission Limitation

1 percent opacity as a 6-min average

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)

b. Emission Limitation

0.2 lb particulate matter per 100 lbs charged
0.01 TPY particulate matter

Applicable Compliance Method

Future testing may be required in accordance with the procedures in Method 5 of 40 CFR Part 60, Appendix A.

c. Emission Limitation

0.004 lb/hr VOC
0.02 TPY VOC

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Applicable Compliance Method

Multiply the 3-08-9-0013 SCC emission factor of 5.6 lbs/million cubic feet of material charged by the design capacity of the incinerator, in cubic feet per hour.

d. Emission Limitation

0.08 lb/hr NO_x

0.35 TPY NO_x

Applicable Compliance Method

Multiply the NO_x emission factor of 100 lb/ 10⁶ cubic feet by the design capacity of the incinerator, in cubic feet per hour.

The emission factor was taken from AP-42, Fifth Edition, Table 1.4.1.

e. Emission Limitation

0.002 lb/hr SO_x

0.01 TPY SO_x

Applicable Compliance Method

Multiply the SO_x emission factor of 0.6 lb/ 10⁶ cubic feet by the design capacity of the incinerator, in cubic feet per hour.

The emission factor was taken from AP-42, Fifth Edition, Table 1.4.1.

f. Emission Limitation

0.002 lb/hr CO

0.07 TPY CO

Applicable Compliance Method

Multiply the CO emission factor of 21 lbs/ 10⁶ cubic feet by the design capacity of the incinerator, in cubic feet per hour.

The emission factor was taken from AP-42, Fifth Edition, Table 1.4.1.