

**4535**

**NOTICE OF EXPIRATION OF PERMIT(S) TO  
OPERATE**

**06/21/93**

**OEPA/DOE-FN  
18  
LETTER**



State of Ohio Environmental Protection Agency

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

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JUN 23 9 51 AM '93

RE: NOTICE OF EXPIRATION  
OF PERMIT(S) TO OPERATE

1431110128  
U.S. DEPT OF ENERGY-FERNALD E June 21, 1993  
BEHRAM SHROFF  
P.O. BOX 398705  
CINCINNATI OH 45239

The Permit(s) to Operate described in the enclosed attachment(s) will expire on the date(s) shown. Pursuant to Rule 3745-35-02 of the Ohio Administrative Code, renewal application(s) must be filed with the field office if this (these) source(s) are to continue in operation. Please be sure to notify the field office if these sources are shut down or out of service so they can be removed from active status.

Each expiring Permit to Operate is listed on the attached form by application number, expiration date and description and identification of the source. In addition, the name and location of your facility and the person-to-contact and his mailing address are shown. If any of this information is incorrect, please indicate the corrections on the enclosed renewal application form(s).

You are hereby advised that pursuant to Section 3745.11 of the Ohio Revised Code, effective November 15, 1981, a non-refundable application fee in the amount of \$15.00 must accompany each application for a Permit to Operate or Variance.

We request that you complete the enclosed appendix(ces) as appropriate for each source, as well as the application form(s). One appendix and one application form are to be completed for each expiring Permit to Operate. Additional copies of these forms may be made by you as necessary.

Please return your remittance, the application fee card, and the completed application form(s) and appendix(ces) within thirty (30) working days of receipt of this letter to the field office as shown on the attachment.

All documents should be submitted and questions directed to the field office to which you submitted your original application. **DO NOT RETURN THESE DOCUMENTS TO CENTRAL OFFICE.**

Very truly yours,

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

TGR/tkb

**Submit Application & FEE**

NOTICE OF EXPIRATION  
SEE ATTACHED LETTER FOR EXPLANATION

PAGE 1

4535-

U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM  
WILLEY ROAD  
FERNALD OHIO 45239

BEHRAM SHROFF  
U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM  
P.O. BOX 398705  
CINCINNATI OHIO 45239

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APPLICATION NO. 1431110128 EXPIRATION DATE 12/30/93

SOURCE EQUIPMENT DESCRIPTION APPENDIX  
COMPANY IDENTIFICATION FOR EQUIPMENT

T102	5800 GAL FIXED ROOF URANYL NITRATE STORAGE TA PLANT 2/3: 2-151	E
T103	5500 GAL FIXED ROOF URANYL NITRATE STORAGE TA PLANT 2/3: 2-153	E
T104	5800 GAL FIXED ROOF URANYL NITRATE STORAGE TA PLANT 2/3: 2-154	E

MAIL APPLICATION AND APPLICATION FEE TO:

DEPT. OF ENVIRONMENTAL SERVICES AIR QUALITY PROGRAMS  
1632 CENTRAL PKWY. CINCINNATI, OH 45210  
(513) 651-9437

\*\*DO NOT RETURN TO CENTRAL OFFICE\*\*

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FOR OFFICIAL USE ONLY

Premise No. \_\_\_/\_\_\_/\_\_\_/\_\_\_  
Source No. \_\_\_/\_\_\_  
Application No. \_\_\_/\_\_\_

\_\_\_\_\_  
(Facility Name)

APPENDIX E-1

ORGANIC MATERIAL STORAGE TANK  
CAPACITY EQUAL TO OR GREATER THAN 40,000 GALLONS

1. Tank identification: Name or number \_\_\_\_\_ Date Installed \_\_\_\_\_  
(month/year)

2. Tank capacity: \_\_\_\_\_ gallons or \_\_\_\_\_ barrels

3. Tank shape: [ ] Cylindrical [ ] Cylindrical with cone roof  
[ ] Spherical [ ] Other, specify \_\_\_\_\_

4. Tank dimensions: Diameter \_\_\_\_\_ Height \_\_\_\_\_ Length \_\_\_\_\_ Width \_\_\_\_\_

Also, if this is a cylindrical tank with a cone roof, divide overall height into the following: height of cylinder \_\_\_\_\_ and vertical height of cone roof \_\_\_\_\_

5. Tank shell material: [ ] Steel [ ] Aluminum [ ] Other, specify \_\_\_\_\_

6. Type of tank: [ ] External floating roof tank  
[ ] Internal floating roof tank  
[ ] Fixed roof tank with flexible diaphragm  
[ ] Fixed roof tank with vapor control system  
[ ] Fixed roof tank, above ground and none of the above types  
[ ] Lifter roof tank  
[ ] Pressure tank  
[ ] Underground tank  
[ ] Other, specify \_\_\_\_\_

7. Supplemental data on type of tank:

- [ ] Check this box if tank is used to store produced crude oil or condensate prior to custody transfer.
- [ ] Check this box if tank was converted from an external floating roof tank to either an internal floating roof tank or a fixed roof tank and provide type and date of conversion \_\_\_\_\_
- [ ] Check this box if tank is heated or insulated and describe \_\_\_\_\_

8. Type of filling: [ ] Splash [ ] Submerged [ ] Other, specify \_\_\_\_\_

9. If this tank is located outdoors and above ground, provide the paint color of the tanks's shell and roof and indicate condition of paint.

Shell: [ ] Aluminum (specular) [ ] Light gray [ ] White  
[ ] Aluminum (diffuse) [ ] Medium gray [ ] Other, specify \_\_\_\_\_

Roof: [ ] Aluminum (specular) [ ] Light gray [ ] White  
[ ] Aluminum (diffuse) [ ] Medium gray [ ] other, specify \_\_\_\_\_

Condition of paint: [ ] Good [ ] Poor

10. If this tank is an internal or external floating roof tank, complete (a) through (g) of this item.

a) Type of floating roof:  Double-deck  Aluminum sandwich panel  
 Pontoon  Other, specify \_\_\_\_\_  
 Pan-type steel

b) Type of seal between floating roof and tank wall:

Single seal (primary seal only)  Dual seals (primary seal with secondary seal mounted above it)  
 Single seal with weather shield (primary seal with weather shield)

c) Primary seal information:

Manufacturer \_\_\_\_\_ Type:  Liquid-mounted, liquid-filled  
Make or model \_\_\_\_\_  Liquid-mounted, resilient foam-filled  
Date installed \_\_\_\_\_ (month/year)  Vapor-mounted, resilient foam-filled  
 Mechanical shoe (complete item below)  
 Flexible wiper  
 Other, specify \_\_\_\_\_

If the primary seal is a mechanical shoe, complete the following:

Vertical length of shoe \_\_\_\_\_ inches  
Vertical length of shoe above stored liquid surface \_\_\_\_\_ inches

d) Secondary seal information:

Manufacturer \_\_\_\_\_ Type:  Rim-mounted, flexible wiper  
Make or model \_\_\_\_\_  Rim-mounted, resilient foam-filled  
Date installed \_\_\_\_\_ (month/year)  Shoe-mounted  
 Other, specify \_\_\_\_\_

e) Most recent seal inspection for visible holes, tears or other openings in the seal or fabric:

Seal(s) inspected \_\_\_\_\_  
Date of inspection \_\_\_\_\_  
Inspected by (person and company) \_\_\_\_\_  
Condition of seal(s)  Good condition  
 Needed repair or replacement, specify type and date of corrective action \_\_\_\_\_

f) Most recent seal gap measurements:

	Primary Seal	Secondary Seal
Date of measurement	_____	_____
By (person and company)	_____	_____
Width of maximum gap	_____ inch	_____ inch
Total area of gaps	_____ sq in	_____ sq in
	_____ sq in/ft tank dia	_____ sq in/ft tank dia

g) Condition of the interior side of the tank shell:

Little or no rust  Dense rust  Gunite-lined

11. If this is an internal floating roof tank, complete (a) through (f) of this item. 4535-

- a) Type of roof above floating deck:     Column-supported     Self-supporting
- b) If roof is column-supported, identify the type of column construction:  
    9-inch by 7-inch built-up columns     Other, identify \_\_\_\_\_  
    8-inch diameter pipe columns         Unknown

- c) Floating deck seam construction:  
    Welded         Bolted         Other, describe \_\_\_\_\_

- d) If deck seams are bolted, complete (i) or (ii):
- (i)  Check if continuous sheet construction and specify width of sheets  
      (e.g., 5 ft, 6 ft, or 7 ft) \_\_\_\_\_
- Check if panel construction and specify size of rectangular panels  
      (e.g., 5 ft X 7.5 ft, or 5 ft X 12 ft) \_\_\_\_\_

(ii) Total length of bolted deck seams: \_\_\_\_\_ ft  
      Total area of floating deck: \_\_\_\_\_ sq ft

- e) On the blank lines to the left of the various types of floating deck fittings shown below, indicate the number, if any, of each fitting.

Access Hatch (usually one)	Automatic Gauge Float Well (usually one)
____ Bolted cover, gasketed	____ Bolted cover, gasketed
____ Unbolted cover, gasketed	____ Unbolted cover, gasketed
____ Unbolted cover, ungasketed	____ Unbolted cover, ungasketed

Deck Supports (Legs or Hangers)	Ladder Well (usually one)
____ Adjustable	____ Sliding cover, gasketed
____ Fixed	____ Sliding cover, ungasketed

\_\_\_\_ Stub Drains (1-inch diameter; not used on welded contact deck)

Column Wells

- \_\_\_\_ Built-up column, gasketed sliding cover
- \_\_\_\_ Built-up column, ungasketed sliding cover
- \_\_\_\_ Pipe column, flexible fabric sleeve seal
- \_\_\_\_ Pipe column, gasketed sliding cover
- \_\_\_\_ Pipe column, ungasketed sliding cover

Sample Pipe or Well (usually one)

- \_\_\_\_ Slotted pipe, gasketed sliding cover
- \_\_\_\_ Slotted pipe, ungasketed sliding cover
- \_\_\_\_ Sample well, slit fabric seal (10% open area)

Vacuum Breaker (10-inch diameter)

- \_\_\_\_ Weighted mechanical actuation, gasketed
- \_\_\_\_ Weighted mechanical actuation, ungasketed

- f) Are all openings on the floating deck, except stub drains, equipped with a cover, seal or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling?     Yes     No    If no, explain \_\_\_\_\_

12. If this is an external floating roof tank, complete (a) through (d) of this item.

a) Type of shell construction:     Welded             Riveted

~~b) Are all openings in the external floating roof, except automatic bleeder vents, rim space vents, leg sleeves, main roof drain, emergency roof drains and slotted gauging/sampling wells, equipped with both a cover, seal or lid without visible gaps and a projection into the tank below the liquid surface?     Yes     No~~

If no, explain \_\_\_\_\_

c) Number of emergency roof drains \_\_\_\_\_. Is each emergency roof drain equipped with both a projection into the tank below the liquid surface and a slotted membrane fabric cover or other device which covers at least 90% of the area of the opening?     yes     no

d) Is there a slotted gauging/sampling well?     Yes     No

If yes, is it equipped with an object which floats on the liquid surface within the well and which covers at least 90% of the area of the well opening?     Yes     No

13. If this tank is a lifter-roof tank or a fixed roof tank with a flexible diaphragm or is interconnected to any of those types of tank, complete the following:

a) Volume capacity of vapor expansion system: \_\_\_\_\_ gal or \_\_\_\_\_ cu ft

b) Identify all tanks and other vapor sources interconnected to vapor expansion system \_\_\_\_\_

14. If this tank is equipped with or vented to a vapor control system, complete (a) through (c) of this item.

a) Type of vapor control system \_\_\_\_\_  
Manufacturer \_\_\_\_\_ Make or model \_\_\_\_\_  
Date installed (month and year) \_\_\_\_\_

b) Date tank was equipped with or vented to vapor control system (month & year) \_\_\_\_\_

c) Specify the rate of emission or percent control (by weight) for any pollutants being controlled: \_\_\_\_\_  
(Attach calculations and test data to support response, unless previously submitted.)

15. Complete the table below for any pressure or vacuum relief vent valve.

<u>Type of Vent Valve</u>	<u>Pressure Setting</u>	<u>Vacuum Setting</u>	<u>If pressure relief is discharged to a vapor control, identify the vapor control.</u>
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_____	_____	_____	_____
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16. Complete (a) and (b) of this item if this tank is subject to the federal New Source Performance Standard under 40 CFR 60, Subpart Ka, "Standards of Performance for Storage Vessels for Petroleum Liquids Constructed After May 18, 1978".

a) Date of initial fill with petroleum liquid \_\_\_\_\_

b) Was tank out of service for a period of a year or more?     Yes     No  
If yes, identify the date of subsequent refilling with petroleum liquid after the most recent out-of-service period of a year or more \_\_\_\_\_

17. Operational Data (Complete (a) through (j) of this item for all materials stored or to be stored. Attach additional sheets, if necessary.)

a) Material \_\_\_\_\_ Trade Name \_\_\_\_\_  
Density: \_\_\_\_\_ lbs/gal or \_\_\_\_\_ °API Producer \_\_\_\_\_

b) Temperature of stored material: Average \_\_\_\_\_ °F and Maximum \_\_\_\_\_ °F  
(If temperature is approximately outdoor ambient temperature, write "AMB".)

c) Vapor pressure of stored material (Complete i, ii or iii of this item. If vapor pressure is not known, write "unknown"):

i) Actual vapor pressure: \_\_\_\_\_ psia at average storage temperature  
\_\_\_\_\_ psia at maximum storage temperature

ii) Reid vapor pressure: Average \_\_\_\_\_ psi and minimum-maximum \_\_\_\_\_ - \_\_\_\_\_ psi

iii) If material stored is a gas or liquified gas, provide the pressure at which it is stored: \_\_\_\_\_ psi gage at \_\_\_\_\_ °F

d) Type of liquid material (If the material is a liquid other than a gasoline, fuel oil, kerosene, crude oil, lubricant or other petroleum liquid, answer the question below.)

Is it a photochemically reactive material?  Yes  No

e) Type of waste material (If the material is a waste, answer the question below.)

Is it a hazardous waste?  Yes  No  
If yes, identify type (EPA hazardous waste number) \_\_\_\_\_

f) Indicate the year (or 12-month period) for items (g) through (j): \_\_\_\_\_

g) Annual throughput of material: \_\_\_\_\_ gallons or \_\_\_\_\_ barrels.

h) Percent annual throughput by season: Winter \_\_\_\_\_ Spring \_\_\_\_\_ Summer \_\_\_\_\_ Fall \_\_\_\_\_

i) If this tank is a fixed roof tank, provide the average height of the stored material within the tank during the year: \_\_\_\_\_ feet.

j) If this tank has a vapor expansion system or vents to a vapor expansion system, provide the total number of transfers into the vapor expansion system for the year: \_\_\_\_\_ transfers.

Completed by \_\_\_\_\_ Date \_\_\_\_\_

INSTRUCTIONS FOR APPENDIX E-1, ORGANIC MATERIAL STORAGE TANK-CAPACITY  
EQUAL TO OR GREATER THAN 40,000 GALLONS

Appendix E-1 is a technical information form of the Ohio Environmental Protection Agency, Division of Air Pollution Control. This form applies to a storage tank which has a capacity equal to or greater than 40,000 gallons and which is used to store an organic material. An organic material is any compound containing carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides, metallic carbonates and ammonium carbonate.

General Instructions: Answer or complete all items which apply to the storage tank. The following items apply to all storage tanks: item numbers 1, 2, 3, 4, 5, 6, 8, and 17. Read carefully the other items to determine if they apply to the storage tank. The appendix form may be returned if all applicable items are not completed or answered.

Some items have boxes to indicate a selection or response. Use a check mark or an X within the box being selected. Except for item number 7, only one box is to be marked to indicate a selection or response.

Specific Instructions:

Item

- 2 Tank capacity represents the maximum amount of material which can be stored. The tank capacity may change due to a physical modification of the storage tank.
- 4 If the storage tank is a cylindrical tank with a cone roof, divide the overall tank height (e.g., 60 feet) into the height of the cylinder (e.g., 50 feet) and the vertical height of the cone roof (e.g., 10 feet).
- 7 "Custody transfer" means the transfer of produced crude oil and/or condensate after processing and/or treating in the production operations, from storage tanks or automatic transfer facilities to pipelines or any other forms of transportation. "Condensate" means hydrocarbon liquid separated from natural gas which condenses due to changes in the temperature or pressure, or both, and remains liquid at standard conditions.
- 8 Submerged filling means the storage tank is equipped with a submerged fill pipe as defined below.
- "Submerged fill pipe" means any fill pipe the discharge opening of which is entirely submerged when the liquid level is six inches above the bottom of the tank; or when applied to a tank which is loaded from the side, shall mean any fill pipe the discharge opening of which is entirely submerged when the liquid level is eighteen inches above the bottom of the tank.
- 10(f) The width of a seal gap is the distance between the seal and the tank wall. The total area of gaps is the accumulated area of all gaps which are greater than 0.125 inch in width.
- 17(d) "Photochemically reactive material" means any liquid organic material with an aggregate of more than 20 percent of its total volume composed of the chemical compounds classified below or which exceeds any of the following individual percentage composition limitations, referred to the total volume of liquid:
- (1) A combination of hydrocarbons, alcohols, aldehydes, esters, ethers or ketones having an olefinic or cyclo-olefinic type of unsaturation: 5 percent;
  - (2) A combination of aromatic hydrocarbons with eight or more carbon atoms to the molecule except ethylbenzene: 8 percent;
  - (3) A combination of ethylbenzene, ketones having branched hydrocarbon structures, trichloroethylene or toluene: 20 percent.
- 17(e) If the material stored or to be stored is a waste material, complete the question on whether or not it is a hazardous waste. If additional information is needed regarding hazardous waste, please contact the office below.

Ohio EPA  
Division of Hazardous Materials Management  
361 East Broad Street  
Columbus, Ohio 43215 (614-466-7220)

FOR OFFICIAL USE ONLY

Premise No. \_\_\_/\_\_\_/\_\_\_/\_\_\_  
Source No. \_\_\_/\_\_\_  
Application No. \_\_\_/\_\_\_

\_\_\_\_\_  
(Facility Name)

APPENDIX E-2

INORGANIC MATERIAL STORAGE TANK OR  
STORAGE TANK WITH CAPACITY LESS THAN 40,000 GALLONS

1. Tank identification: Name or number \_\_\_\_\_ Date Installed \_\_\_\_\_  
(month/year)
2. Tank capacity: \_\_\_\_\_ gallons
3. Tank shape:  Cylindrical     Rectangular  
 Spherical         Other, specify \_\_\_\_\_
4. Tank dimensions: Diameter \_\_\_\_\_ Height \_\_\_\_\_ Length \_\_\_\_\_ Width \_\_\_\_\_
5. Tank shell material:  Steel     Aluminum     Other, specify \_\_\_\_\_
6. Type of tank:  External floating roof tank  
 Internal floating roof tank  
 Fixed roof tank  
 Vertical cylindrical tank  
 Horizontal cylindrical tank  
 Pressure tank  
 Other, specify \_\_\_\_\_
7. Location of tank:  Outdoors         Indoors         Underground
8. Type of filling:  Splash     Submerged     Other, specify \_\_\_\_\_
9. If this tank is located outdoors and above ground, provide the paint color of the tank.  
 Aluminum (specular)         Light gray         White  
 Aluminum (diffuse)         Medium gray         Other, specify \_\_\_\_\_  
Condition of paint:  Good         Poor
10. If this tank is equipped with or vented to a vapor control system, complete (a) through (c) of this item.
  - a) Type of vapor control system \_\_\_\_\_  
Manufacturer \_\_\_\_\_ Make or model \_\_\_\_\_  
Date installed (month and year) \_\_\_\_\_
  - b) Date tank was equipped with or vented to vapor control system (month & year) \_\_\_\_\_
  - c) Specify the rate of emission or percent control (by weight) for any pollutants being controlled: \_\_\_\_\_  
(Attach calculations and test data to support response, unless previously submitted)

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11. Complete the table below for any pressure or vacuum relief vent valve.

<u>Type of Vent Valve</u>	<u>Pressure Setting</u>	<u>Vacuum Setting</u>	<u>If pressure relief is discharged to a vapor control, identify the vapor control.</u>
_____	_____	_____	_____
_____	_____	_____	_____

12. Operational Data (Complete (a) through (g) of this item for all materials stored or to be stored. Attach additional sheets, if necessary.)

a) Material \_\_\_\_\_ Trade Name \_\_\_\_\_  
Density: \_\_\_\_\_ lbs/gal or \_\_\_\_\_ °API Producer \_\_\_\_\_

b) Temperature of stored material: Average \_\_\_\_\_ °F and Maximum \_\_\_\_\_ °F  
(If temperature is approximately outdoor ambient temperature, write "AMB".)

c) Vapor pressure of stored material (Complete i, ii or iii of this item. If vapor pressure is not known, write "unknown"):

i) Actual vapor pressure: \_\_\_\_\_ psia at average storage temperature \_\_\_\_\_  
\_\_\_\_\_ psia at maximum storage temperature \_\_\_\_\_

ii) Reid vapor pressure: Average \_\_\_\_\_ psi and minimum-maximum \_\_\_\_\_ - \_\_\_\_\_ psi

iii) If material stored is a gas or liquified gas, provide the pressure at which it is stored: \_\_\_\_\_ psi gage at \_\_\_\_\_ °F

d) Type of liquid organic material (If the material is an organic liquid other than a gasoline, fuel oil, kerosene, crude oil, lubricant or other petroleum liquid, answer the question below.)

Is it a photochemically reactive material? [ ] Yes [ ] No

e) Type of waste material (If the material is a waste, answer the question below.)

Is it a hazardous waste? [ ] Yes [ ] No  
If yes, identify type (EPA hazardous waste number) \_\_\_\_\_

f) Indicate the year (or 12-month period) for item (g): \_\_\_\_\_

g) Annual throughput of material: \_\_\_\_\_ gallons.

Completed by \_\_\_\_\_ Date \_\_\_\_\_

INSTRUCTIONS FOR APPENDIX E-2, INORGANIC MATERIAL STORAGE TANK OR STORAGE TANK WITH CAPACITY LESS THAN 40,000 GALLONS

Appendix E-2 is a technical information form of the Ohio Environmental Protection Agency, Division of Air Pollution Control. This form applies to a storage tank which is used to store an inorganic material or which has a capacity less than 40,00 gallons. An inorganic material is generally any compound which does not contain carbon. However, the storage of carbonic acid, metallic carbides, metallic carbonates and ammonium carbonate can be reported on this form.

General Instructions: Answer or complete all items which apply to the storage tank. The appendix form may be returned if all applicable items are not completed or answered.

Some items have boxes to indicate a selection or response. Use a check mark or an X within the box being selected. Only one box is to be marked to indicate a selection or response.

Specific Instructions:

Item

- 2 Tank capacity represents the maximum amount of material which can be stored. The tank capacity may change due to a physical modification of the storage tank.
- 8 Submerged filling means the storage tank is equipped with a submerged fill pipe as defined below.
 

"Submerged fill pipe" means any fill pipe the discharge opening of which is entirely submerged when the liquid level is six inches above the bottom of the tank; or when applied to a tank which is loaded from the side, shall mean any fill pipe the discharge opening of which is entirely submerged when the liquid level is eighteen inches above the bottom of the tank.
- 12(d) "Photochemically reactive material" means any liquid organic material with an aggregate of more than 20 percent of its total volume composed of the chemical compounds classified below or which exceeds any of the following individual percentage composition limitations, referred to the total volume of liquid:
  - (1) A combination of hydrocarbons, alcohols, aldehydes, esters, ethers or ketones having an olefinic or cyclo-olefinic type of unsaturation: 5 percent;
  - (2) A combination of aromatic hydrocarbons with eight or more carbon atoms to the molecule except ethylbenzene: 8 percent;
  - (3) A combination of ethylbenzene, ketones having branched hydrocarbon structures, trichloroethylene or toluene: 20 percent.
- 12(e) If the material stored or to be stored is a waste material, complete the question on whether or not it is a hazardous waste. If additional information is needed regarding hazardous waste, please contact the office below.

Ohio EPA  
Division of Hazardous Materials Management  
361 East Broad Street  
Columbus, Ohio 43215 (614-466-7220)

**OHIO ENVIRONMENTAL PROTECTION AGENCY  
APPLICATION FOR A PERMIT TO OPERATE  
AN AIR CONTAMINANT SOURCE**

453507

Facility Name			Person to Contact		
Facility Address			Mailing Address		
City	County	Zip	City	State	Zip
Telephone	Area	Number	Telephone		

(Application No., if this is a renewal application) Std. Ind. Class. Code

1. Complete and attach any of the following appendices most appropriate to the air contaminant source. In addition, a compliance time schedule form is to be attached when applicable. Check as appropriate the following:

- |  |   |
|--|---|
| <p><input type="checkbox"/> Appendix A, Process</p> <p><input type="checkbox"/> Appendix B, Fuel-Burning Equipment</p> <p><input type="checkbox"/> Appendix C, Incinerator</p> <p><input type="checkbox"/> Appendix D, Surface Coating or Printing Operation</p> <p><input type="checkbox"/> Appendix E, Storage Tank</p> <p><input type="checkbox"/> Appendix H, Gasoline Dispensing Facility</p> <p><input type="checkbox"/> Appendix J, Loading Rack at Bulk Gasoline Plant or Terminal</p> <p><input type="checkbox"/> Appendix K, Surface Coating Line or Printing Line</p> | <p><input type="checkbox"/> Appendix L, Solvent Metal Cleaning</p> <p><input type="checkbox"/> Appendix M, Fugitive Dust Emission Sources</p> <p align="center"><u>Specify Appendix No.</u></p> <p><input type="checkbox"/> Appendix N, Rubber Tire Manufacturing</p> <p><input type="checkbox"/> Appendix O, Dry Cleaning Facility</p> <p><input type="checkbox"/> Appendix P, Landfills</p> <p><input type="checkbox"/> Other Appendix _____</p> <p><input type="checkbox"/> Compliance Time Schedule</p> |
|--|---|

2. Description of Source (same as used on appendix): \_\_\_\_\_

3. Your identification for Source (same as used on appendix): \_\_\_\_\_

I, being the individual specified in Rule 3745-35-02(B) of the Ohio Administrative Code, hereby apply for a Permit to Operate the air contaminant source(s) described herein. As required, the following additional documents are submitted as part of this application (describe all attachments):

\_\_\_\_\_  
Authorized Signature\*

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\*Pursuant to OAC Rule 3745-35-02(B) (Permit to Operate).

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## Instructions for Completion of a Permit to Operate or Variance Application

These instructions concern the completion of application materials for a Permit to Operate or a Variance for air contaminant sources. An application cannot be considered unless the application form is completed and signed and any required supplemental information is submitted. Pursuant to Section 3745.11(G) of the Ohio Revised Code (ORC), any person applying for a permit to operate, permit to install, or variance must pay a non-refunderable application fee \$15.00. This fee must be submitted at the time of application. Make checks payable to the Treasurer of the State of Ohio. Unless otherwise provided for by rule, a separate application must be filed for each air contaminant source. Therefore, only one (1) appendix may accompany this form. Applicants are advised that they will be required to pay a fee upon approval of their application for a Permit to Operate or Variance as provided for in Section 3745.11(B) of the ORC.

An appendix is a technical information form to be completed by the applicant. From the following description of the appendices, determine which should accompany your application.

- Appendix A - Process: for sources not included in the other appendices.
- Appendix B - Fuel-Burning Equipment: for any furnace, boiler, apparatus, and all appurtenances thereto, used in the process of burning fuel with the primary purpose of producing heat or power by indirect heat transfer.
- Appendix C - Incinerator: for any equipment, machine, device, article, contrivance, structure or part of a structure used to burn refuse or to process refuse material by burning other than by open burning.
- Appendix D - Surface Coating or Printing Operation: for a surface coating operation not included under Appendix K or for a printing operation.
- Appendix E - Storage Tank: a storage tank for petroleum liquids.
- Appendix H - Gasoline Dispensing Facility: any site where gasoline is dispensed to motor vehicle gasoline tanks from stationary storage tanks.
- Appendix J - Loading Rack at a Bulk Gasoline Plant or Terminal: an operation for transferring gasoline to a delivery vessel.
- Appendix K - Surface Coating Line: a coating line consists of one or more coating applicators, flash-off areas or ovens to be used for the following: an automobile or light-duty truck assembly plant; can manufacturing; coil-coating; fabric coating; large appliance coating; magnet wire coating; metal furniture coating; paper coating; vinyl coating.
- Appendix L - Solvent Metal Cleaning: an operation employing solvent for cleaning metal surfaces; wipe-cleaning is excluded.
- Appendix M - Fugitive Dust Emission Sources

### General:

- |   |   |
|---|---|
| M1-1 - Plant Roadways and Parking Areas | M13 - Cement Manufacturing and Blending Plants            |
| M1-2 - Aggregate Storage Piles          | M14 - Ferroalloy Production                               |
| M1-3 - Material Handling                | M15 - Metal Salvage Operations                            |
| M1-4 - Mineral Extraction               | M16 - Pulp and Paper Mills                                |
|   | M17 - Woodworking Operations                              |
|   | M18 - Aggregate Processing Plans                          |
|   | M19 - Coal Processing Plants                              |
|   | M20 - Brick and Related Clay Product Manufacturing Plants |
|   | M21 - Asphaltic Concrete Plants                           |
|   | M22 - Concrete Batching Plants                            |

### Iron and Steel Mills:

- M2-1 - Coke Manufacturing
- M2-2 - Iron Production
- M2-3 - Steel Manufacture
- M3 - Lime Plants
- M4 - Power Plants

- M5 - Grain Terminals
- M6 - Country Grain Elevators
- M7 - Gray Iron Foundries
- M8 - Steel Foundries
- M9 - Glass Manufacturing Plants
- M10 - Fiberglass Manufacturing
- M11 - Secondary Aluminum Processing Plants
- M12 - Fertilizer Mixing/Blending Plants
- M23 - Sandblasting Operations
- M24 - Petroleum Refineries
- M25 - Agricultural Chemical Manufacturing Plants
- M26 - Bulk Gasoline Terminals and Plants
- M27 - Carbon Black Plants
- M28 - Municipal Incineration
- M29 - Salt Processing Operations
- M30 - Galvanizing Plants

- Appendix N - Rubber Tire Manufacturing
- Appendix O - Dry Cleaning Facility
- Appendix P - Landfill

There are separate instructions with each appendix. If more than one application form is submitted at one time, it is acceptable to use photocopies of these forms containing identical data entry; however, each application must contain an original signature.

The following Sections of Chapter 3745-35 of the Ohio Administrative Code provide the applicant with information regarding air contaminant sources, permits to operate and variances. A complete copy of OAC Rule 3745-35 is available upon request.

OAC Rule 3745-35-01(B)(1) "Air Contaminant Source" shall mean any machine, device, apparatus, equipment, building, or other physical facility that emits or may emit any air pollutant.

OAC Rule 3745-35-02(A) Except as otherwise provided in Pararagraph (H) of this rule and in rules 3745-35-03 and 3745-35-05 of the Administrative Code, no person may cause, permit, or allow the operation or other use of any air contaminant source without applying for and obtaining the permit to operate from the Ohio Environmental Protection Agency in accordance with the requirements of this rule.

OAC Rule 3745-35-03 (A) No person shall cause, permit or allow the operation or other use of any air contaminant source that emits any air pollutant in violation of any applicable air pollution control law, unless a variance has been applied for and obtained from the director for such source, pursuant to the provisions of this rule. No variance from any rule of the director adopted under Chapter 3704 of the Revised Code may be issued except pursuant to this rule.

Signature on Application Form:

OAC Rule 3745-35-02(B)(1) Applications for permits to operate shall be signed, in the case of a corporation, by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the emission described in the application originates.

(2) Applications for permits to operate shall be signed, in the case of partnership, by a general partner.

(3) Applications for permits to operate shall be signed, in the case of sole proprietorship, by the proprietor.

(4) Applications for permits to operate shall be signed, in the case of municipal, state, federal or other governmental facility, by the principal executive officer, the ranking elected official, or other duly authorized employee.

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OAC Rule 3745-35-03(D)(1) Application for variances shall be signed in the case of a corporation, by a principal executive officer or at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the emission described in the application originates.

(2) Applications for variances shall be signed in the case of a partnership by a general partner.

(3) Applications for variances shall be signed in the case of a sole proprietorship, by the proprietor.

(4) Applications for variances shall be signed in the case of municipal, state, federal or other government facility, by the principal executive officer, the ranking elected official, or other duly authorized employee.

STATEMENT OF  
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

APPLICATION FEE

1431110128T102	\$15.00
<b>APPLICATION NUMBER</b>	<b>AMOUNT DUE</b>

U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM  
**FACILITY NAME**

RETURN THIS STATEMENT WITH YOUR REMITTANCE AND APPLICATION TO THE APPROPRIATE OHIO EPA DISTRICT OFFICE OR LOCAL AIR POLLUTION CONTROL AGENCY.

PURSUANT TO SEC. 3745.11(G) OF THE OHIO REVISED CODE, A NON-REFUNDABLE APPLICATION FEE FOR EACH SOURCE MUST ACCOMPANY EACH APPLICATION FOR A PERMIT TO INSTALL, PERMIT TO OPERATE OR VARIANCE.

MAKE CHECKS PAYABLE TO:  
**THE TREASURER OF THE STATE OF OHIO.**

STATEMENT OF  
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

**APPLICATION FEE**

1431110128T103  
**APPLICATION NUMBER**

\$15.00  
**AMOUNT DUE**

U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM  
**FACILITY NAME**

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MAKE CHECKS PAYABLE TO:

**THE TREASURER OF THE STATE OF OHIO.**

STATEMENT OF  
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

APPLICATION FEE

1431110128T104	\$15.00
<b>APPLICATION NUMBER</b>	<b>AMOUNT DUE</b>

U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM  
**FACILITY NAME**

RETURN THIS STATEMENT WITH YOUR REMITTANCE AND APPLICATION TO THE APPROPRIATE OHIO EPA DISTRICT OFFICE OR LOCAL AIR POLLUTION CONTROL AGENCY.

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