

Fluor Fernald, Inc.  
P.O. Box 538704  
Cincinnati, OH 45253-8704

8615

(513)648-3000

**FLUOR** GLOBAL SERVICES

April 10, 2001

Fernald Environmental Management Project  
Letter No. C: ESHQ: 2001-0017

Division of Air Pollution Control  
Attention: Synthetic Minor FER  
P.O. Box 1049  
Columbus, Ohio 43215

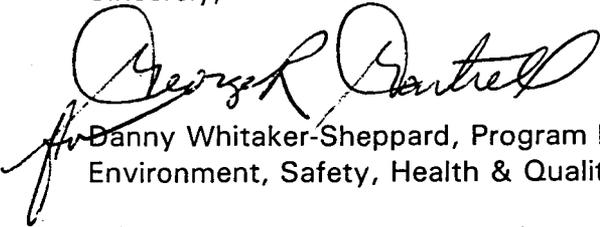
Dear Coordinator:

**FEE EMISSION REPORT - SYNTHETIC MINOR TITLE V**

Enclosed is a printout of the 2000 electronic Fee Emission Report (FER) generated using the STARShip program for the Fernald Environmental Management Project (FEMP). The STARShip program has calculated total facility emissions of less than 10 tons for 2000.

If you have any questions, please contact Phillip Spotts of my staff at (513) 648-5295.

Sincerely,



Danny Whitaker-Sheppard, Program Director  
Environment, Safety, Health & Quality

DWS:KOK:bci  
Enclosure

c: With Enclosures  
File Record Subject: Fee Emission Reports - Synthetic Minor Title V - 2000  
Administrative Record, MS78  
E. P. Skintik, DOE-FEMP, MS45

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Without Enclosures

Robert J. Bell, DOE Contracting Officer, MS45

Terri Binau, DOE Contracting Officer, MS45

Loretta Parsons, DOE Contracting Officer, MS45

K. O. Klee, Fluor Fernald, Inc., MS65-2

P. B. Spotts, Fluor Fernald, Inc., MS65-2

T. A. Poff, Fluor Fernald, Inc., MS65-2

D. Sizemore, Fluor Fernald, Inc., MS5



State of Ohio Environmental Protection Agency

Facility Name: U.S. DEPT. OF ENERGY-FERNALD EVNR. MANAGEI

Facility ID: 14-31-11-0128

Title: SMTV FEE REPORT 2000

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Emissions Reporting Form: Facility Information

Summary of emissions for all linked forms:

Table with 16 columns: Emissions Unit ID, SCC ID, PART, SO2, NOx, CO, OC, VOC, Hg, Pb, As, Bz, Be, Ab, VC, PM10. Rows include various unit IDs and a Totals row.

Emissions Contacts

Contact Type: Fees

First Name: Phillip
Middle Name/Initial: B.
Last Name: Spotts
Address Line 1: P. O. Box 538704
Address Line 2:

Address City: Cincinnati
City/Village/Township: OH
ZIP Code: 45253 - 8704
Phone Number: (513) 648 - 5295

Contact Type: Inventory

First Name: Phillip
Middle Name/Initial: B.
Last Name: Spotts
Address Line 1: P. O. Box 538704
Address Line 2:

Address City: Cincinnati
City/Village/Township: OH
ZIP Code: 45253 - 8704
Phone Number: (513) 648 - 5295

Contact Type: Statement

First Name: Phillip
Middle Name/Initial: B.
Last Name: Spotts
Address Line 1: P. O. Box 538704
Address Line 2:

Address City: Cincinnati
City/Village/Township: OH
ZIP Code: 45253 - 8704
Phone Number: (513) 648 - 5295

Documents Linked To: SMTV FEE REPORT 2000

Document Name	Emissions Unit ID
2000-SMTV FEE-B006	B006
2000-SMTV FEE-T160	T160
2000-SMTV FEE-G001	G001
2000-SMTV FEE-X001	X001
2000-SMTV FEE-X002	X002
2000-SMTV FEE-P284	P284

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State of Ohio Environmental Protection Agency

Facility Name: U.S. DEPT. OF ENERGY-FERNALD EVNR. MANAGEM  
Facility ID: 14-31-11-0128  
Title: 2000-SMTV FEE-B006

Emissions Reporting Form: Emissions Unit Information

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General Information

- 1. Emissions form(s):  Emissions fee report     Emissions statement     Emissions inventory
- 2. Reporting period: 2000
- 3. OEPA ID(s): NAT-GAS FIRED BOILER (B006)
- 4. Annual operating hours: 535

SCC Information

5. Select an SCC ID and complete the table below:

SCC ID: 1-02-006-02

User Description for SCC (optional): 100 MM Btu/hr Gas Fired Boiler

SCC operating rate units: Million Cubic Feet Burned

SCC Annual Operating Rate [SCC Units]: 10.27600

Ash [%]:

Maximum Hourly Operating Rate [SCC Units]:

Sulfur [%]:

SCC Comments:

SCC ID: 1-02-005-01

User Description for SCC (optional): 100 MM Btu/hr Gas Fired Boiler

SCC operating rate units: 1000 Gallons Burned

SCC Annual Operating Rate [SCC Units]: 0.08000

Ash [%]:

Maximum Hourly Operating Rate [SCC Units]:

Sulfur [%]:

SCC Comments:

6. Emissions information:

SCC ID: 1-02-006-02    Pollutant ID: Nitrogen oxides

Emissions Method Description: Source tests or other measurements

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): No

Emissions Factor:

Primary Control

Emissions Factor Units:

Equipment Description: Miscellaneous Control Devices (Other)

Year Installed (Primary): 1992

Factor Controlled? (Y/N):

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate:

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 25.00

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.26

Supporting Emissions Calculation Data:

Obtained through stack testing, NOx emissions are based on an emission factor of 0.049 lb NOx/MMBtu heat input.

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6. Emissions information: (continued)

SCC ID: 1-02-006-02 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 2.80000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/Million Cubic Feet Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 10.27600

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

Million Cubic Feet Burned

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.01

Supporting Emissions Calculation Data:

Autocalculate

SCC ID: 1-02-006-02 Pollutant ID: Particulate Matter

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 3.00000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/Million Cubic Feet Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 10.27600

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

Million Cubic Feet Burned

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.02

Supporting Emissions Calculation Data:

Autocalculate

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6. Emissions information: (continued)

SCC ID: 1-02-006-02 Pollutant ID: Sulfur dioxide

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.60000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/Million Cubic Feet Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Emissions Factor

Equipment Description: No Control Method

Operating Rate: 10.27600

Year Installed (Secondary):

Emissions Factor

Control System Capture Efficiency:

Operating Rate Units:

Control Device Efficiency:

Million Cubic Feet Burned

Overall Device Efficiency: 0.00

Emissions [tons/yr]: 0.00

Annual Adjustment Factor: 0.00

Supporting Emissions Calculation Data:

Autocalculate

SCC ID: 1-02-005-01 Pollutant ID: Nitrogen oxides

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 20.00000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/1000 Gallons Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Emissions Factor

Equipment Description: No Control Method

Operating Rate: 0.08000

Year Installed (Secondary):

Emissions Factor

Control System Capture Efficiency:

Operating Rate Units:

Control Device Efficiency:

1000 Gallons Burned

Overall Device Efficiency: 0.00

Emissions [tons/yr]: 0.00

Annual Adjustment Factor: 0.00

Supporting Emissions Calculation Data:

Autocalculate

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6. Emissions information: (continued)

SCC ID: 1-02-005-01 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.20000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/1000 Gallons Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 0.08000

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

1000 Gallons Burned

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

Autocalculate

SCC ID: 1-02-005-01 Pollutant ID: Lead

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.00040

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/1000 Gallons Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 0.08000

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

1000 Gallons Burned

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

Autocalculate

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6. Emissions information: (continued)

SCC ID: 1-02-005-01 Pollutant ID: Particulate Matter

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 2.00000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

Ibs/1000 Gallons Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Emissions Factor

Equipment Description: No Control Method

Operating Rate: 0.08000

Year Installed (Secondary):

Emissions Factor

Control System Capture Efficiency:

Operating Rate Units:

Control Device Efficiency:

1000 Gallons Burned

Overall Device Efficiency: 0.00

Emissions [tons/yr]: 0.00

Annual Adjustment Factor: 0.00

Supporting Emissions Calculation Data:

Autocalculate

SCC ID: 1-02-005-01 Pollutant ID: Sulfur dioxide

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 143.60000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

Ibs/1000 Gallons Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Emissions Factor

Equipment Description: No Control Method

Operating Rate: 0.08000

Year Installed (Secondary):

Emissions Factor

Control System Capture Efficiency:

Operating Rate Units:

Control Device Efficiency:

1000 Gallons Burned

Overall Device Efficiency: 0.00

Emissions [tons/yr]: 0.01

Annual Adjustment Factor: 0.00

Supporting Emissions Calculation Data:

Autocalculate

7. Summary for all SCC IDs:

SCC ID	PART	SO2	NOx	CO	OC	VOC	Hg	Pb	As	Bz	Be	At
1-02-006-02	0.02	0	0.26	0	0.01	0	0	0	0	0	0	0
1-02-005-01	0	0.01	0	0	0	0	0	0	0	0	0	0
Totals:	0.02	0.01	0.26	0	0.01	0	0	0	0	0	0	0

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**Schedule**

8. Boiler design capacity/heat input: (MMBtu/hr)      9. Space heat: (%)

10. Annual throughput:      11. Normal operating schedule

    December - February: (%)      Hours/day:

    March - May: (%)      Days/week:

    June - August: (%)      Weeks/year:

    September - November: (%)

12. Peak ozone season VOC: (lbs/day)       Autocalculated  
 daily emissions rate: NOx: (lbs/day)

**Inventory**

13. Construction date:      14. Modification date:

15. Shutdown date:

16. Emissions unit comments (optional):

17. Federally-enforceable operating restrictions:

**Point Information**

18. Emissions point centroid location:

UTM    Zone    Vertical    Horizontal     Lat/Long    Degrees    Minutes    Seconds

Latitude:

Longitude:

19. Associated emissions egress point:

Emissions Egress Point ID:

Emissions Egress Point Type:      Shape:

Geographical Preference:      Emissions Egress Point Cross Sectional Area [sq ft]:

    UTM Zone:      Emissions Egress Point Height [ft]:

    UTM Vertical:      Emissions Egress Point Diameter [ft]:

    UTM Horizontal:      Exit Gas Temperature at Maximum Operation [\* F]:

    Longitude:      Exit Gas Temperature at Average Operation [\* F]:

    Longitude:      Exit Gas Flow at Maximum Operation [acfm]:

    Longitude:      Exit Gas Flow at Average Operation [acfm]:

    Latitude:      Emission Egress Point Base Elevation [ft]:

    Latitude:      Release Height [ft]:

    Latitude:      Plume Temperature [\* F]:

    Continuous Emissions Recorder? (Y/N):      Area of Emissions [sq ft]:

GEP Building Height [ft]:

GEP Building Length [ft]:

GEP Building Width [ft]:

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**Confidential Claims**

20. Complete the table below:

Confidential item:

Basis for confidentiality claim:



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6. Emissions information:

SCC ID: 4-03-010-19 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.39000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

Ibs/1000 Gallons Storage Capacity

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 10.00000

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

1000 Gallons Storage Capacity

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

Autocalculate

SCC ID: 4-03-010-21 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.02000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

Ibs/1000 Gallons Throughput

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 14.75800

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

1000 Gallons Throughput

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

Autocalculate

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6. Emissions information: (continued)

SCC ID: 4-03-012-06 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.02200

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/1000 Gallons Throughput

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Emissions Factor

Equipment Description: No Control Method

Operating Rate: 14.75800

Year Installed (Secondary):

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

1000 Gallons Throughput

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

Autocalculate

7. Summary for all SCC IDs:

SCC ID	PART	SO2	NOx	CO	OC	VOC	Hg	Pb	As	Bz	Be	Ab
4-03-010-19	0	0	0	0	0	0	0	0	0	0	0	0
4-03-010-21	0	0	0	0	0	0	0	0	0	0	0	0
4-03-012-06	0	0	0	0	0	0	0	0	0	0	0	0
Totals:	0	0	0	0	0	0	0	0	0	0	0	0

Schedule

8. Boiler design capacity/heat input: (MMBtu/hr)

9. Space heat: (%)

10. Annual throughput:

11. Normal operating schedule

December - February: (%)

Hours/day:

March - May: (%)

Days/week:

June - August: (%)

Weeks/year:

September - November: (%)

2. Peak ozone season VOC: (lbs/day)

daily emissions rate:

NOx: (lbs/day)

Autocalculated

Inventory

3. Construction date:

14. Modification date:

5. Shutdown date:

6. Emissions unit comments (optional):

7. Federally-enforceable operating restrictions:

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**Point Information**

18. Emissions point centroid location:

UTM    Zone    Vertical    Horizontal     Lat/Long    Degrees    Minutes    Seconds  
Latitude:  
Longitude:

19. Associated emissions egress point:

Emissions Egress Point ID:

Emissions Egress Point Type:

Geographical Preference:

UTM Zone:

UTM Vertical:

UTM Horizontal:

Longitude:

Longitude:

Longitude:

Latitude:

Latitude:

Latitude:

Continuous Emissions  
Recorder? (Y/N):

GEP Building Height [ft]:

GEP Building Length [ft]:

GEP Building Width [ft]:

Shape:

Emissions Egress Point Cross Sectional Area [sq ft]:

Emissions Egress Point Height [ft]:

Emissions Egress Point Diameter [ft]:

Exit Gas Temperature at Maximum Operation [° F]:

Exit Gas Temperature at Average Operation [° F]:

Exit Gas Flow at Maximum Operation [acfm]:

Exit Gas Flow at Average Operation [acfm]:

Emission Egress Point Base Elevation [ft]:

Release Height [ft]:

Plume Temperature [° F]:

Area of Emissions [sq ft]:

**Confidential Claims**

20. Complete the table below:

Confidential item:

Basis for confidentiality claim:



5. Select an SCC ID and complete the table below: (continued)

SCC ID: 4-06-001-35

User Description for SCC (optional): **Balanced Submerged Filling**

SCC operating rate units: 1000 Gallons Transferred

SCC Annual Operating Rate [SCC Units]: 29.72500

Ash [%]:

Maximum Hourly Operating Rate [SCC Units]:

Sulfur [%]:

SCC Comments:

SCC ID: 4-03-001-07

User Description for SCC (optional): **Above ground tank emissions**

SCC operating rate units: 1000 Gallons Storage Capacity

SCC Annual Operating Rate [SCC Units]: 6.00000

Ash [%]:

Maximum Hourly Operating Rate [SCC Units]:

Sulfur [%]:

SCC Comments:

6. Emissions information:

SCC ID: 4-06-003-05

Pollutant ID: **Organic compounds**

Emissions Method Description: **SCC Emissions Factor (autocalculate)**

Overall Efficiency Method: **Estimated**

Auto-calculate Emissions? (Y/N): **Yes**

Emissions Factor: **1.00000**

Primary Control

Emissions Factor Units:

Equipment Description: **Submerged Filling**

**lbs/1000 Gallons Transferred**

Year Installed (Primary): **1995**

Factor Controlled? (Y/N): **No**

Secondary Control

Emissions Factor

Equipment Description: **No Control Method**

Operating Rate: **42.54900**

Year Installed (Secondary):

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: **63.00**

**1000 Gallons Transferred**

Annual Adjustment Factor: **0.00**

Emissions [tons/yr]: **0.01**

Supporting Emissions Calculation Data:

**Autocalculate**

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6. Emissions information: (continued)

SCC ID: 4-06-003-06 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Estimated

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.30000

Primary Control

Emissions Factor Units:

Equipment Description: Vapor Lock Balance Recovery System

lbs/1000 Gallons Throughput

Year Installed (Primary): 1995

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 42.54900

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 93.00

1000 Gallons Throughput

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

Autocalculate

SCC ID: 4-03-001-01 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 23.50000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/1000 Gallons Storage Capacity

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 6.00000

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

1000 Gallons Storage Capacity

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.07

Supporting Emissions Calculation Data:

Autocalculate

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6. Emissions information: (continued)

SCC ID: 4-06-001-30 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Estimated

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.48000

Primary Control

Emissions Factor Units:

Equipment Description: Submerged Filling

Ibs/1000 Gallons Transferred

Year Installed (Primary): 1995

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 29.72500

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

1000 Gallons Transferred

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.01

Supporting Emissions Calculation Data:

Autocalculate

SCC ID: 4-06-001-35 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.01000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

Ibs/1000 Gallons Transferred

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 29.72500

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

1000 Gallons Transferred

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

Autocalculate

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6. Emissions information: (continued)

SCC ID: 4-03-001-07 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.39000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

Ibs/1000 Gallons Storage Capacity

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 6.00000

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

1000 Gallons Storage Capacity

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

Autocalculate

7. Summary for all SCC IDs:

SCC ID	PART	SO2	NOx	CO	OC	VOC	Hg	Pb	As	Bz	Be	Ab
4-06-003-05	0	0	0	0	0.01	0	0	0	0	0	0	0
4-06-003-06	0	0	0	0	0	0	0	0	0	0	0	0
4-03-001-01	0	0	0	0	0.07	0	0	0	0	0	0	0
4-06-001-30	0	0	0	0	0.01	0	0	0	0	0	0	0
4-06-001-35	0	0	0	0	0	0	0	0	0	0	0	0
4-03-001-07	0	0	0	0	0	0	0	0	0	0	0	0
Totals:	0	0	0	0	0.09	0	0	0	0	0	0	0

Schedule

8. Boiler design capacity/heat input: (MMBtu/hr)

9. Space heat: (%)

10. Annual throughput:

11. Normal operating schedule

December - February: (%)

Hours/day:

March - May: (%)

Days/week:

June - August: (%)

Weeks/year:

September - November: (%)

12. Peak ozone season VOC: (lbs/day)

daily emissions rate:

NOx: (lbs/day)

Autocalculated

Inventory

13. Construction date:

14. Modification date:

15. Shutdown date:

16. Emissions unit comments (optional):

17. Federally-enforceable operating restrictions:

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**Point Information**

18. Emissions point centroid location:

UTM    Zone    Vertical    Horizontal     Lat/Long    Degrees    Minutes    Seconds  
Latitude:  
Longitude:

19. Associated emissions egress point:

Emissions Egress Point ID:

Emissions Egress Point Type:

Shape:

Geographical Preference:

Emissions Egress Point Cross Sectional Area [sq ft]:

UTM Zone:

Emissions Egress Point Height [ft]:

UTM Vertical:

Emissions Egress Point Diameter [ft]:

UTM Horizontal:

Exit Gas Temperature at Maximum Operation [° F]:

Longitude:

Exit Gas Temperature at Average Operation [° F]:

Longitude:

Exit Gas Flow at Maximum Operation [acfm]:

Longitude:

Exit Gas Flow at Average Operation [acfm]:

Latitude:

Emission Egress Point Base Elevation [ft]:

Latitude:

Release Height [ft]:

Latitude:

Plume Temperature [° F]:

Continuous Emissions Recorder? (Y/N):

Area of Emissions [sq ft]:

GEP Building Height [ft]:

GEP Building Length [ft]:

GEP Building Width [ft]:

**Confidential Claims**

20. Complete the table below:

Confidential item:

Basis for confidentiality claim:

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State of Ohio Environmental Protection Agency

Facility Name: U.S. DEPT. OF ENERGY-FERNALD EVNR. MANAGEM  
Facility ID: 14-31-11-0128  
Title: 2000-SMTV FEE-X001

### Emissions-Reporting Form: Emissions Unit Information

#### General Information

1. Emissions form(s):  Emissions fee report     Emissions statement     Emissions inventory
2. Reporting period: 2000
3. OEPA ID(s): NAT-GAS FIRED BOILER (B008)  
NAT-GAS FIRED BOILER (B009)  
NAT-GAS FIRED BOILER (B007)
4. Annual operating hours: 4,489

#### SCC Information

5. Select an SCC ID and complete the table below:

SCC ID: 1-02-006-02

User Description for SCC (optional): 15 MM Btu/hr Gas Fired Boiler

SCC operating rate units: Million Cubic Feet Burned

SCC Annual Operating Rate [SCC Units]: 112.84060

Ash [%]:

Maximum Hourly Operating Rate [SCC Units]:

Sulfur [%]:

SCC Comments:

SCC ID: 1-02-005-01

User Description for SCC (optional): 15 MM Btu/hr Gas Fired Boiler

SCC operating rate units: 1000 Gallons Burned

SCC Annual Operating Rate [SCC Units]: 1.71500

Ash [%]:

Maximum Hourly Operating Rate [SCC Units]:

Sulfur [%]: 0.03

SCC Comments:

6. Emissions information:

SCC ID: 1-02-006-02

Pollutant ID: Nitrogen oxides

Emissions Method Description: Source tests or other measurements

Overall Efficiency Method: Estimated

Auto-calculate Emissions? (Y/N): No

Emissions Factor:

Primary Control

Emissions Factor Units:

Equipment Description: Modified Furnace/Burner Designer

Year Installed (Primary): 1996

Factor Controlled? (Y/N):

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate:

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 25.00

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 5.21

Supporting Emissions Calculation Data:

Obtained through Stack testing, NOs emissions are based on an emission factor of 0.088 lb NOx/MMBtu heat input.

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6. Emissions information: (continued)

SCC ID: 1-02-006-02 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 2.80000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

Ibs/Million Cubic Feet Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 112.84060

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

Million Cubic Feet Burned

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.16

Supporting Emissions Calculation Data:

Autocalculate

SCC ID: 1-02-006-02 Pollutant ID: Particulate Matter

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 3.00000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

Ibs/Million Cubic Feet Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 112.84060

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

Million Cubic Feet Burned

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.17

Supporting Emissions Calculation Data:

Autocalculate

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6. Emissions information: (continued)

SCC ID: 1-02-006-02 Pollutant ID: Sulfur dioxide

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.60000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/Million Cubic Feet Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 112.84060

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

Million Cubic Feet Burned

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.03

Supporting Emissions Calculation Data:

Autocalculate

SCC ID: 1-02-005-01 Pollutant ID: Nitrogen oxides

Emissions Method Description: Source tests or other measurements

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): No

Emissions Factor:

Primary Control

Emissions Factor Units:

Equipment Description: Modified Furnace/Burner Designer

Year Installed (Primary): 1996

Factor Controlled? (Y/N):

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate:

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

The NOx emission factor is based upon factory test data (0.20 lb NOx/ MM Btu heat input).

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6. Emissions information: (continued)

SCC ID: 1-02-005-01 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.20000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/1000 Gallons Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 1.71500

Control System Capture Efficiency:

Emissions Factor  
Operating Rate Units:

Control Device Efficiency:

1000 Gallons Burned

Overall Device Efficiency: 0.00

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

Autocalculate

SCC ID: 1-02-005-01 Pollutant ID: Lead

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.00040

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/1000 Gallons Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 1.71500

Control System Capture Efficiency:

Emissions Factor  
Operating Rate Units:

Control Device Efficiency:

1000 Gallons Burned

Overall Device Efficiency: 0.00

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

Autocalculate

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6. Emissions information: (continued)

SCC ID: 1-02-005-01 Pollutant ID: Particulate Matter

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 2.00000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/1000 Gallons Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Emissions Factor

Equipment Description: No Control Method

Operating Rate: 1.71500

Year Installed (Secondary):

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

1000 Gallons Burned

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

Autocalculate

SCC ID: 1-02-005-01 Pollutant ID: Sulfur dioxide

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 143.60000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/1000 Gallons Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Emissions Factor

Equipment Description: No Control Method

Operating Rate: 1.71500

Year Installed (Secondary):

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

1000 Gallons Burned

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.12

Supporting Emissions Calculation Data:

Autocalculate

7. Summary for all SCC IDs:

SCC ID	PART	SO2	NOx	CO	OC	VOC	Hg	Pb	As	Bz	Be	Ab
1-02-006-02	0.17	0.03	5.21	0	0.16	0	0	0	0	0	0	0
1-02-005-01	0	0.12	0	0	0	0	0	0	0	0	0	0
Totals:	0.17	0.15	5.21	0	0.16	0	0	0	0	0	0	0

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**Schedule**

8. Boiler design capacity/heat input: (MMBtu/hr)      9. Space heat: (%)
10. Annual throughput:      11. Normal operating schedule
- December - February: (%)      Hours/day:
- March - May: (%)      Days/week:
- June - August: (%)      Weeks/year:
- September - November: (%)
12. Peak ozone season daily emissions rate:      VOC: (lbs/day)       Autocalculated
- NOx: (lbs/day)

**Inventory**

13. Construction date:      14. Modification date:
15. Shutdown date:
16. Emissions unit comments (optional):
17. Federally-enforceable operating restrictions:

**Point Information**

18. Emissions point centroid location:
- UTM    Zone    Vertical    Horizontal     Lat/Long      Degrees    Minutes    Seconds
- Latitude:
- Longitude:

19. Associated emissions egress point:

Emissions Egress Point ID:

Emissions Egress Point Type:      Shape:

Geographical Preference:      Emissions Egress Point Cross Sectional Area [sq ft]:

    UTM Zone:      Emissions Egress Point Height [ft]:

    UTM Vertical:      Emissions Egress Point Diameter [ft]:

    UTM Horizontal:      Exit Gas Temperature at Maximum Operation [° F]:

    Longitude:      Exit Gas Temperature at Average Operation [° F]:

    Longitude:      Exit Gas Flow at Maximum Operation [acfm]:

    Longitude:      Exit Gas Flow at Average Operation [acfm]:

    Latitude:      Emission Egress Point Base Elevation [ft]:

    Latitude:      Release Height [ft]:

    Latitude:      Plume Temperature [° F]:

    Continuous Emissions Recorder? (Y/N):      Area of Emissions [sq ft]:

GEP Building Height [ft]:

GEP Building Length [ft]:

GEP Building Width [ft]:

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**Confidential Claims**

20. Complete the table below:

Confidential item:

Basis for confidentiality claim:

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State of Ohio Environmental Protection Agency

Facility Name: U.S. DEPT. OF ENERGY-FERNALD EVNR. MANAGEM  
Facility ID: 14-31-11-0128  
Title: 2000-SMTV FEE-X002

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### Emissions Reporting Form: Emissions Unit Information

#### General Information

1. Emissions form(s):  Emissions fee report     Emissions statement     Emissions inventory
2. Reporting period: 2000
3. OEPA ID(s): NON-RAD CONTAMINATED LAUNDRY (P275)  
NON-RAD CONTAMINATED LAUNDRY (P287)  
RAD-CONTAMINATED LAUNDRY (P274)
4. Annual operating hours: 744

#### SCC Information

5. Select an SCC ID and complete the table below:

SCC ID: 3-90-006-89

User Description for SCC (optional): Laundry Dryers

SCC operating rate units: Million Cubic Feet Burned

SCC Annual Operating Rate [SCC Units]: 0.12600

Ash [%]:

Maximum Hourly Operating Rate [SCC Units]:

Sulfur [%]:

SCC Comments:

#### 6. Emissions information:

SCC ID: 3-90-006-89      Pollutant ID: Nitrogen oxides

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 100.00000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/Million Cubic Feet Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Emissions Factor

Equipment Description: No Control Method

Operating Rate: 0.12600

Year Installed (Secondary):

Emissions Factor

Control System Capture Efficiency:

Operating Rate Units:

Control Device Efficiency:

Million Cubic Feet Burned

Overall Device Efficiency: 0.00

Emissions [tons/yr]: 0.01

Annual Adjustment Factor: 0.00

Supporting Emissions Calculation Data:

Autocalculate

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6. Emissions information: (continued)

SCC ID: 3-90-006-89 Pollutant ID: Organic compounds

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 5.30000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/Million Cubic Feet Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Emissions Factor

Equipment Description: No Control Method

Operating Rate: 0.12600

Year Installed (Secondary):

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

Million Cubic Feet Burned

Annual Adjustment Factor: 0.00

Emissions (tons/yr): 0.00

Supporting Emissions Calculation Data:

Autocalculate

SCC ID: 3-90-006-89 Pollutant ID: Particulate Matter

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 3.00000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/Million Cubic Feet Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Emissions Factor

Equipment Description: No Control Method

Operating Rate: 0.12600

Year Installed (Secondary):

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

Million Cubic Feet Burned

Annual Adjustment Factor: 0.00

Emissions (tons/yr): 0.00

Supporting Emissions Calculation Data:

Autocalculate

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6. Emissions information: (continued)

SCC ID: 3-90-006-89 Pollutant ID: Sulfur dioxide

Emissions Method Description: SCC Emissions Factor (autocalculate)

Overall Efficiency Method: Not applicable

Auto-calculate Emissions? (Y/N): Yes

Emissions Factor: 0.60000

Primary Control

Emissions Factor Units:

Equipment Description: No Control Method

lbs/Million Cubic Feet Burned

Year Installed (Primary):

Factor Controlled? (Y/N): No

Secondary Control

Equipment Description: No Control Method

Emissions Factor

Year Installed (Secondary):

Operating Rate: 0.12600

Control System Capture Efficiency:

Emissions Factor

Control Device Efficiency:

Operating Rate Units:

Overall Device Efficiency: 0.00

Million Cubic Feet Burned

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

Autocalculate

7. Summary for all SCC IDs:

SCC ID	PART	SO2	NOx	CO	OC	VOC	Hg	Pb	As	Bz	Be	Ab
3-90-006-89	0	0	0.01	0	0	0	0	0	0	0	0	0
Totals:	0	0	0.01	0	0	0	0	0	0	0	0	0

Schedule

8. Boiler design capacity/heat input: (MMBtu/hr)

9. Space heat: (%)

10. Annual throughput:

11. Normal operating schedule

December - February: (%)

Hours/day:

March - May: (%)

Days/week:

June - August: (%)

Weeks/year:

September - November: (%)

12. Peak ozone season VOC: (lbs/day)

daily emissions rate: NOx: (lbs/day)

Autocalculated

Inventory

13. Construction date:

14. Modification date:

15. Shutdown date:

16. Emissions unit comments (optional):

17. Federally-enforceable operating restrictions:

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**Point Information**

18. Emissions point centroid location:

UTM Zone Vertical Horizontal  Lat/Long      Degrees    Minutes    Seconds  
 Latitude:  
 Longitude:

19. Associated emissions egress point:

Emissions Egress Point ID:

Emissions Egress Point Type:

Shape:

Geographical Preference:

Emissions Egress Point Cross Sectional Area [sq ft]:

UTM Zone:

Emissions Egress Point Height [ft]:

UTM Vertical:

Emissions Egress Point Diameter [ft]:

UTM Horizontal:

Exit Gas Temperature at Maximum Operation [° F]:

Longitude:

Exit Gas Temperature at Average Operation [° F]:

Longitude:

Exit Gas Flow at Maximum Operation [acfm]:

Longitude:

Exit Gas Flow at Average Operation [acfm]:

Latitude:

Emission Egress Point Base Elevation [ft]:

Latitude:

Release Height [ft]:

Latitude:

Plume Temperature [° F]:

Continuous Emissions

Area of Emissions [sq ft]:

Recorder? (Y/N):

GEP Building Height [ft]:

GEP Building Length [ft]:

GEP Building Width [ft]:

**Confidential Claims**

20. Complete the table below:

Confidential item:

Basis for confidentiality claim:

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State of Ohio Environmental Protection Agency

Facility Name: U.S. DEPT. OF ENERGY-FERNALD EVNR. MANAGEM

Facility ID: 14-31-11-0128

Title: 2000-SMTV FEE-P284

# Emissions Reporting Form: Emissions Unit Information **3615**

### General Information

1. Emissions form(s):  Emissions fee report     Emissions statement     Emissions inventory
2. Reporting period: 2000    3. OEPA ID(s): RESPIRATOR WASHING FACILITY (P284)
4. Annual operating hours: 564

### SCC Information

5. Select an SCC ID and complete the table below:

SCC ID: 3-99-999-93

User Description for SCC (optional): Respirator Washing Facility

SCC operating rate units: Parts Processed

SCC Annual Operating Rate [SCC Units]: 0.00000

Ash [%]:

Maximum Hourly Operating Rate [SCC Units]:

Sulfur [%]:

SCC Comments:

6. Emissions information:

SCC ID: 3-99-999-93

Pollutant ID: Particulate Matter

Emissions Method Description: Source tests or other measurements

Overall Efficiency Method: Design

Auto-calculate Emissions? (Y/N): No

Emissions Factor:

Primary Control

Emissions Factor Units:

Equipment Description: Miscellaneous Control Devices (Other)

Year Installed (Primary): 1994

Factor Controlled? (Y/N):

Secondary Control

Equipment Description: Miscellaneous Control Devices (Other)

Year Installed (Secondary): 1994

Emissions Factor

Control System Capture Efficiency:

Operating Rate:

Control Device Efficiency:

Emissions Factor

Overall Device Efficiency: 99.70

Operating Rate Units:

Annual Adjustment Factor: 0.00

Emissions [tons/yr]: 0.00

Supporting Emissions Calculation Data:

$(9.19E-06 \text{ lb PM/hr}) \times (564 \text{ hr/yr}) / (2000 \text{ lb/ton}) = 2.59E-06 \text{ Tons PM/yr}$  (Based on PTO application release rate)

7. Summary for all SCC IDs:

SCC ID	PART	SO2	NOx	CO	OC	VOC	Hg	Pb	As	Bz	Be	Al
3-99-999-93	0	0	0	0	0	0	0	0	0	0	0	0
Totals:	0	0	0	0	0	0	0	0	0	0	0	0

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**Schedule**

8. Boiler design capacity/heat input: (MMBtu/hr)      9. Space heat: (%)

10. Annual throughput:      11. Normal operating schedule

    December - February: (%)      Hours/day:

    March - May: (%)      Days/week:

    June - August: (%)      Weeks/year:

    September - November: (%)

12. Peak ozone season VOC: (lbs/day)       Autocalculated  
 daily emissions rate: NOx: (lbs/day)

**Inventory**

13. Construction date:      14. Modification date:

15. Shutdown date:

16. Emissions unit comments (optional):

17. Federally-enforceable operating restrictions:

**Point Information**

18. Emissions point centroid location:

UTM    Zone    Vertical    Horizontal     Lat/Long    Degrees    Minutes    Seconds

Latitude:

Longitude:

19. Associated emissions egress point:

Emissions Egress Point ID:

Emissions Egress Point Type:      Shape:

Geographical Preference:      Emissions Egress Point Cross Sectional Area [sq ft]:

    UTM Zone:      Emissions Egress Point Height [ft]:

    UTM Vertical:      Emissions Egress Point Diameter [ft]:

    UTM Horizontal:      Exit Gas Temperature at Maximum Operation [° F]:

    Longitude:      Exit Gas Temperature at Average Operation [° F]:

    Longitude:      Exit Gas Flow at Maximum Operation [acfm]:

    Longitude:      Exit Gas Flow at Average Operation [acfm]:

    Latitude:      Emission Egress Point Base Elevation [ft]:

    Latitude:      Release Height [ft]:

    Latitude:      Plume Temperature [° F]:

    Continuous Emissions Recorder? (Y/N):      Area of Emissions [sq ft]:

GEP Building Height [ft]:

GEP Building Length [ft]:

GEP Building Width [ft]:

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**Confidential Claims**

20. Complete the table below:

Confidential item:

Basis for confidentiality claim:

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