U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-1 - EMISSIONS UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a fuel combusting unit.

A. General Information

Emissions unit ID _____ Description _____

SIC Code (4-digit) _____ SCC Code _____

B. Emissions Unit Description

Primary use _____ Temporary source ___ Yes ___ No

Manufacturer _____ Model No. _____

Serial Number _____ Installation date _____/_____/_____

Boiler Type:

___ Industrial boiler ___ Process burner ___ Electric utility boiler

___ Other (describe) _____

Boiler horsepower rating _____ Boiler steam flow (lb/hr) _____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___ Spreader stoker ___ Underfeed stoker ___ Overfeed stoker

___ Traveling grate ___ Shaking grate ___ Pulverized, wet bed ___ Pulverized, dry bed

Actual (average) Heat Input _____ MM BTU/hr Maximum design heat input _____ MM BTU/hr

C. Fuel Data

Primary fuel type(s) _____ Standby fuel type(s) _____

Instructions: Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (per cf, gal., or lb.)

D. Fuel Usage Rates

Instructions: For each fuel described above, enter actual and maximum fuel usage rates on a worst-case hourly and annual basis. Indicate the dimension for the fuel usage rate (e.g., gallons, cords, cubic feet).

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual

E. Associated Air Pollution Control Equipment

Emissions unit ID _____ Device type _____

Air pollutant(s) Controlled _____ Manufacturer _____

Model No. _____ Serial No. _____

Installation date _____/_____/____ Control efficiency (%) _____.____

Efficiency estimation method _____

F. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp(^{o}F) _____._____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____._____

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APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID _____ Description _____

SIC Code (4-digit) _____ SCC Code _____

B. Emissions Unit Description

Equipment type _____ Temporary source: ___ Yes ___ No

Manufacturer _____ Model No. _____

Serial No. _____ Installation date _____/_____/_____

Articles being coated or degreased _____

Application method _____

Overspray (surface coating) (%) _____ Drying method _____

No. of dryers _____ Tank capacity (degreasers) (gal) _____

C. Associated Air Pollution Control Equipment

Emissions unit ID _____ Device Type _____

Manufacturer _____ Model No. _____

Serial No. _____ Installation date _____/_____/_____

Control efficiency (%) _____.___ Capture efficiency (%) _____.___

Air pollutant(s) controlled _____ Efficiency estimation method _____

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp(°F) _____._____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____._____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the name column, if providing a brand name of a substance, include the name of the manufacture; if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (Generic Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	

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APPLICATION FORM EUD-3 - EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES

INSTRUCTIONS: Complete this form for each significant emission unit that is not primarily a VOC emitting unit or a fuel combustion unit.

A. General Information

Emissions unit ID _____ Description _____

SIC Code (4-digit) _____ SCC Code _____

B. Emissions Unit Description

Primary use or equipment type _____ Temporary source: ___ Yes ___ No

Manufacturer _____ Model No. _____

Serial No. _____ Installation date _____/_____/_____

Raw materials _____

Finished products _____

C. Activity or Production Rates

Instructions: Enter actual and maximum activity rates for the materials that are processed or the number of activities performed. Actual rates are the rates that will be used to calculate actual emissions for fee purposes. Maximum rates are the rates used to calculate potential to emit for applicability purposes.

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate		
Maximum rate		

D. Associated Air Pollution Control Equipment

Emissions unit ID _____ Device Type _____

Manufacturer _____ Model No. _____

Serial No. _____ Installation date _____/_____/_____

Control efficiency (%) _____.___ Capture efficiency (%) _____.___

Air pollutant(s) controlled _____ Efficiency estimation method _____

E. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp(^{o}F) _____._____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____._____