

**Form F**  
**Fuel Combustion Source**  
**Calendar Year 2011**  
**(Complete one form for each combustion emission unit)**

Facility Name: \_\_\_\_\_

Unit identification No.: \_\_\_\_\_

Unit Description: \_\_\_\_\_

Date Installed: \_\_\_\_\_

Design Firing Rate (Million Btu/hr: \_\_\_\_\_

Design Horsepower (Compressors only: \_\_\_\_\_

**ACTUAL Fuel Combustion for 2011 for Unit:**

	Amount	Heat Content	Sulfur	Ash
Coal:	_____ Ton/yr	_____ Btu/lb	_____ %	_____ %
Fuel Oil:	_____ Gal/yr	_____ Btu/gal	_____ %	_____ %
Nat. Gas:	_____ 10 <sup>6</sup> SCF	_____ Btu/ft <sup>3</sup>	_____ %	_____ %
Other:	_____ ( )	_____ ( )	_____ %	_____ %

**Operating Parameters:**

Operated \_\_\_\_\_ hr/day, \_\_\_\_\_ days/wk, \_\_\_\_\_ wks/yr.

Total Operating Hours This Year: \_\_\_\_\_

Average Load This Year(percent capacity): \_\_\_\_\_

Percent Annual Load: Winter \_\_\_\_\_ Spring \_\_\_\_\_ Summer \_\_\_\_\_ Fall \_\_\_\_\_

**Stack Parameters and Control Equipment:**

Stack Height: \_\_\_\_\_ feet    Stack Diameter: \_\_\_\_\_ feet

Stack Velocity: \_\_\_\_\_ feet/sec; Stack Temperature: \_\_\_\_\_ F ; Flow Rate: \_\_\_\_\_ ACFM

**Control Equipment Description:**

Primary: \_\_\_\_\_ Efficiency: \_\_\_\_\_ %

Secondary: \_\_\_\_\_ Efficiency: \_\_\_\_\_ %

**Fuel Combustion Source (continued)**  
**Emissions Inventory 2011**  
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Facility Name: \_\_\_\_\_

Unit identification No.: \_\_\_\_\_ Unit Description: \_\_\_\_\_

**Source Emission Data**

	Estimated Potential Emissions		Actual Emissions		Method of Determination	Date of Latest Test
	lb/hr	TPY	lb/hr	TPY		
<b>Total Particulate (TSP):</b>						
<b>Particulate (PM-10):</b>						
<b>Particulate (PM-2.5):</b>						
<b>Sulfur Dioxide:</b>						
<b>Nitrogen Oxide:</b>						
<b>Carbon Monoxide:</b>						
<b>Volatile Organic Compounds:</b>						
<b>OTHER:</b>						
<b>Other to include but not limited to: H2S, NH3, Sulfuric Acid Mist, etc.)</b>						

**NOTE: FUGITIVE EMISSIONS and/or EXCESS EMISSIONS (startup, shutdown, malfunction, etc.) associated with this emissions unit should be identified and quantified with documentation of the estimation method and included as an attachment to this form.**

**Estimated Potential Emissions: Potential to emit means the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation of the capacity of a source to emit an air pollutant, including air pollution control equipment and restriction on hours of operation or on the type or amount of material combusted, stored or processed, shall be treated as part of its design if the limitation is enforceable by EPA and the Division.**