



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 AIR POLLUTION CONTROL PROGRAM
EMISSIONS INVENTORY QUESTIONNAIRE, OR EIQ
FORM 2.1 FUEL COMBUSTION WORKSHEET

FACILITY NAME	FIPS COUNTY NO.	PLANT NO.	YEAR OF DATA
EMISSION UNIT NO.	SOURCE CLASSIFICATION CODE (SCC)		SEG. NO.

1. COMBUSTION EQUIPMENT INFORMATION

COAL FIRING CODE LIST	EQUIPMENT DESCRIPTION	YEAR PUT IN SERVICE	COAL FIRING CODE NO. (CODE LIST AT LEFT)	MAXIMUM DESIGN RATE (MILLION BTU/HR.)
1. TANGENTIAL				
2. OPPOSED				
3. FRONT				
4. DRY/WET BOTTOM				
OTHER (SPECIFY)	Sum of total maximum hourly design rates			

COMBUSTION EQUIPMENT USE (CHECK ONE)

Electric power generation
 Industrial use
 Commercial/Institutional
 Space heating
 Other (specify):

COMBUSTION EQUIPMENT CATEGORY - COAL USE ONLY (CHECK ONE)

Pulverized coal
 Pulverized coal dry bottom
 Pulverized coal wet bottom
 Cyclone
 Fluidized bed
 Spreader stoker
 Overfeed stoker
 Underfeed stoker
 Hand fired
 Other (specify):

2. FUEL INFORMATION (CHECK ONLY ONE)

LIQUID FUELS	GASEOUS FUELS	SOLID FUELS	OTHER
<input type="checkbox"/> Ethanol <input type="checkbox"/> Fuel oil 1-4 (distillate) <input type="checkbox"/> Fuel oil 5-6 (residual) <input type="checkbox"/> Gasoline <input type="checkbox"/> Kerosene	<input type="checkbox"/> Blast oven gas <input type="checkbox"/> Coke oven gas <input type="checkbox"/> Liquid propane gas (LPG) <input type="checkbox"/> Natural gas	<input type="checkbox"/> Anthracite Coal <input type="checkbox"/> Bagasse <input type="checkbox"/> Bark <input type="checkbox"/> Bituminous coal <input type="checkbox"/> Coke <input type="checkbox"/> Lignite <input type="checkbox"/> Subbituminous coal <input type="checkbox"/> Wood	<input type="checkbox"/> Other (specify):

3. CALCULATION OF MAXIMUM HOURLY DESIGN RATE

TOTAL HEAT CONTENT (BTU/FUEL UNIT)	MAXIMUM HOURLY DESIGN RATE (FUEL UNIT/HR.)	$= \frac{\text{Maximum Design Rate (mmbtu/hr.)} \times 1,000,000 \text{ (btu/mmbtu)}}{\text{Heat Content (btu/fuel unit)}}$