

EMISSIONS ACTIVITY CATEGORY FORM FUEL BURNING OPERATION

This form is to be completed for each fuel burning operation. State/Federal regulations which may apply to fuel burning operations are listed in the instructions. Note that there may be other regulations which apply to this emissions unit which are not included in this list.

The PTI application is based on Kinsei Sangyo Japan proprietary design and performance specifications.

1. Reason this form is being submitted (check one)

New Permit Renewal or Modification of Air Permit Number(s) (e.g. B001)

2. Maximum Operating Schedule: 24 hours per day; 365 days per year

If the schedule is less than 24 hours/day or 365 days/year, what limits the schedule to less than maximum? See instructions for examples. _____

3. Input Capacity (million Btu/hr):

Rated <i>(Indicate units if other than mmBtu/hr)</i>	Maximum <i>(Indicate units if other than mmBtu/hr)</i>	Normal <i>(Indicate units if other than mmBtu/hr)</i>
80	80	80

4. Output Capacity:

Rated <i>(lb steam/hr)</i>	Maximum <i>(lb steam/hr)</i>	Normal <i>(lb steam/hr)</i>
42,500	42,500	42,500

Not applicable - operation does not produce steam.

5. Percent of Operating Time Used for:

Process: 100 %
 Space Heat: _____ %

6. Type of Draft (check one):

Natural Induced Forced

7. Type of combustion monitoring (check one):

Fuel/Air Ratio Oxygen None
 Other (describe) Temperature

8. Type of Fuel Fired (complete all that apply):

Fuel*	Fired as...	Min. Heat Content (Btu/unit)	Max. % Ash	Max. % Sulfur	Max. Annual Fuel Use	Average Hourly Fuel Use	Maximum Hourly Fuel Use
Coal	<input type="checkbox"/> Primary <input type="checkbox"/> Backup				tons	lbs	lbs
No. 2 Fuel Oil	<input type="checkbox"/> Primary <input type="checkbox"/> Backup				gal	gal	gal
Other** Oil	<input type="checkbox"/> Primary <input type="checkbox"/> Backup				gal	gal	gal
Natural Gas	<input type="checkbox"/> Primary <input checked="" type="checkbox"/> Backup <i>Gasifier Start-Up</i>	<i>1,000 Btu/cf</i>		<i>0.01</i>	<i>21,500 ft³</i>	<i>60 ft³</i>	<i>60 ft³</i>
Natural Gas	<input type="checkbox"/> Primary <input checked="" type="checkbox"/> Backup <i>Furnace</i>	<i>1,000 Btu/cf</i>		<i>0.01</i>	<i>1.933 million ft³</i>	<i>5,300 ft³</i>	<i>5,300 ft³</i>
Wood	<input type="checkbox"/> Primary <input type="checkbox"/> Backup				tons	lbs	lbs
LPG	<input type="checkbox"/> Primary <input type="checkbox"/> Backup				gal	gal	gal
Other Syngas*	<input checked="" type="checkbox"/> Primary <input type="checkbox"/> Backup	<i>140 Btu/cf</i>			<i>5,352 million ft³</i>	<i>610,000 ft³</i>	<i>610,000 ft³</i>

Please identify all combinations of fuels that are co-fired: Syngas and natural gas

Identify other fuel(s): Syngas produced by Kinsei Sangyo gasifier

Coal-Fired Units

9. Type of Coal Firing (check one):

- Pulverized-Wet Bottom Hand-Fired Chain Grate Traveling Grate
 Pulverized-Dry Bottom Cyclones Spreader Stoker Fluidized Bed
 Underfeed Stoker Other (describe) _____

10. Flyash Reinjection:

- Yes No

11. Overfire Air:

- Yes No

Oil-Fired Units

12. Oil Preheater:

- Yes - Indicate Temperature _____ deg. F
 No