



(lbs steam/hr)\*: Rated: \_\_\_\_\_ Maximum \_\_\_\_\_ Normal \_\_\_\_\_

\*required for cogeneration or combined cycle units only

10. Type of ignition:  non-spark (diesel)  spark

11. Type of fuel fired (check all that apply):

- single fuel  No. 2 oil, low-sulfur  natural gas  landfill gas  
 dual fuel  No. 2 oil, high-sulfur  diesel  digester gas  
 gasoline  propane  
 other, explain \_\_\_\_\_

12. Complete the following table for all fuels identified in question 11 that are used for the engine and any supplemental (duct) burners, if equipped:

Fuel	Heat Content (BTU/unit)	wt.%	wt.%	Fuel Usage		
		Ash	Sulfur	Estimated Maximum Per Year	Normal Per Hour	Max. Per Hour
Nat. gas	BTU/cu ft		gr/scf	MMcu ft	cu ft	MMcu ft
No. 2 oil	BTU/gal			gal	gal	gal
Gasoline	BTU/gal			gal	gal	gal
Diesel	137,000 BTU/gal		0.0015	7,664.2gal	15.3gal	15.3gal
Landfill/digester gas	BTU/cu ft		ppm	cu ft	cu ft	cu ft
Other (show units)						
<i>List supplemental (duct) burner fuel and information below (show units):</i>						

13. Type of combustion cycle (check all that apply):

- 2-stroke  4-stroke  
 rich-burn  lean-burn  
 carbureted  fuel injected  
 other, explain \_\_\_\_\_

14. Emissions control techniques (check all that apply):

- prestratified charge  nonselective catalytic reduction (NSCR)  
 catalytic oxidation (CO)  selective catalytic reduction (SCR)  
 air/fuel ratio  injection timing retard (ITR)  
 2-stage rich/lean combustion  2-stage lean/lean combustion  
 water/steam injection  preignition chamber combustion (PCC)  
 other, explain\_\_ Use of low sulfur fuel\_\_\_\_\_

For each emissions control technique checked above, explain what pollutants are controlled by each

technique:

The use of ultra low sulfur fuel will minimize SO<sub>2</sub> emissions