

(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	57,482gal	115gal	115gal
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 SO₂ emissions