

OLYMPIC REGION CLEAN AIR AGENCY

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**FORM 36
CREMATORY UNIT**

I. General Information:

- A. Facility/Applicant Name _____ Date: _____
- B. Location _____
- C. Phone _____ Email: _____

II. Manufacturer Information:

- A. Manufacturer Name _____
- B. Model and Serial Number _____
- C. Date of Manufacture _____
- D. Has the cremation unit been reconstructed or refurbished? _____
- E. If 'Yes,' provide contractor name and date for last occurrence _____

- F. Name of contractor and itemized list of components replaced or repaired _____

III. Operating Procedures:

- A. Maximum Charging Rate (lbs) _____
- B. Charging Method(s) (describe) _____

- C. Operating Sequence (describe) _____

- D. Target Operating Temperatures
 - a. Primary Chamber _____
- E. Secondary Chamber _____

IV. Design Parameters:

	Primary Chamber	Secondary Chamber
A. Volume (ft ³)		
B. Configuration & Dimensions		
C. Grate Area (ft ²)		
D. Arch Height (ft)		
E. Burner(s) Manufacturer		
1. Model		
2. Btu Rating		
3. Fuels Fired		
F. Air Flow (CFM)		
1. Burner		
2. Under-grate		
3. Other		
G. Gas velocity (Avg FPS)		
H. Avg Operating Temp (°F)		
I. Max Operating Temp (°F)		
J. Retention Times (Sec)		

V. Exhaust Parameters:

A. Stack exhaust parameters

	Actual	Design
1. ACFM @ operating temperature	_____	_____
2. Dry SCFM	_____	_____
3. CO ₂ (vol. %, dry)	_____	_____
4. O ₂ (vol. %, dry)	_____	_____
5. Particulate (grains/DSCF @ 12% CO ₂)	_____	_____
7. Stack Height (ft from grade): _____ Stack Diameter (inches): _____		

B. System control capabilities, such as burner modulation, interlock features, etc. (describe):

C. Description and Nature of Guarantee:

D. Instrumentation and Controls:

- a. Flame failure controls _____
- b. Thermocouple placement _____
- c. O₂ and CO/CO₂ sensor placement _____
- d. Temperature and oxygen recorder _____
- e. Automatic controls _____
- f. Feed rate controls _____
- g. Stack smoke alarm _____

E. To be included with application:

- a. Facility plot plan
- b. Equipment layout
- c. Equipment details
- d. Vendor specification sheets