

OLYMPIC REGION CLEAN AIR AGENCY

2940 Limited Lane NW - Olympia, Washington 98502 Telephone: (360)-539-7610 - Fax: (360)-491-6308 www.orcaa.org

FORM 11

Fill out all the applicable equipment information requested below and submit the appropriate fees.

General Information	BOIL	_EK	S AND HEAT	<u>EK5</u>			
General Information Facility Name:			Contact Person:				
			Phone Number:				
			Email:				
Facility Operating Schedule:hrs/day, days/wk, wks/yr			Boiler Operating Schedule: hrs/day, days/wk, wks/yr				
Indicate days when operating: ☐ M ☐ T ☐ W ☐ Thu ☐ F ☐ Sat ☐ Sur			Indicate days when operating: M T W Thu F Sat Sun				
Type of Boiler:							
Manufacturer:							
			Danial #				
Model #:			Serial #:				
Date of Construction:							
Date of Installation:							
Cost of Modifications:							
Fechnical Specifications							
•	1						
Fuel Types (list all and attach MSDS):							
Averge Heat Rate MMBtu/hr (HHV):	1						
	3						
Design Maximum Heat Rate MMBtu/hr (HHV):	1						
Heat Transfer Medium:	Temp	F Pro	essure (psi)	Flow Rate (specify units)			
	Input	Inp	out	Average			
	Output	_ Ou		Design Maximum			
	Average Temperature (°F)						

Volume of Fire box (ft³)

Fire Box

	Design Fire Box G	Design Fire Box Gas Velocity (ft/s)						
	Residence Time ir	Residence Time in Fire Box (sec)						
	Stack Height (ft) _	Stack Height (ft)						
Stack Parameters	Stack diameter (ft)	Stack diameter (ft)						
	Stack Gas Flowrat	Stack Gas Flowrate (ft ³ /min)						
	At Average Fir	At Average Firing Rate						
	At Maximum Firing Rate							
	Stack Temperatur	Stack Temperature (°F)						
Design Total Supplied Air	l Design Total Supplied Air (scfm):			Design % Excess Air (vol):				
		<u> </u>						
Emissions Data		T Multiplope	e (complete Form	24\				
Check all pollution co and complete the indi	☐ Electrostatic Precipitator (complete Form 33) ☐ Wet Scrubber (complete Form 32) ☐ NOx controls (attach description) ☐ Baghouse (complete Form 12) ☐ Other (specify)							
Items Vented to Air Pollution Control Device (check all that apply):		☐ Shaker Screens ☐ Elevators Head ☐ Elevator boot ☐ Hot aggregate bins ☐ Weigh Hopper/Mixer ☐ Dryer charge end ☐ Dryer discharge end ☐ Other (specify)						
Pollutant	Maximum Conc	entrations	Maxim	Maximum Emission Rates				
Oxides of Nitrogen (NO _x) Particulate Emissions Carbon Monoxide (CO) Sulfur Dioxide (SO ₂) Volatile Organics (VOCs)	ppmv at 3% O ₂ gr/dscf at 7% O ₂ ppmv at 3% O ₂ ppmv at 3% O ₂ ppmv at 3% O ₂		lbs/hr	tpy				
Provide the following informat 1. Description of how fuel qua 2. Description of devices used 3. An assembly drawing dime	ality, temperature, air flowed to monitor air pollution	wrate, excess aid controls and en	nissions.	ng variables are controlled.				

Filing Fee:

operation of the combustion unit.

See https://www.orcaa.org/services/fee-schedules/ for an up-to-date list of fees