BOILERS **FORM AQGP-111**
ASSIGNMENT TO GENERAL AIR CONTAMINANT DISCHARGE PERMITS **ANSWER SHEET**

Source Category Description:

Gas and oil fired boilers that meet the following criteria:

Size	Heat energy input capacity
single boiler	between 10 and 29 MM BTU/hour
aggregate of all boilers on site	between 10 and 250 MM BTU/hour

1. Qualifications: For each qualification statement listed below, answer "yes" or "no" in the far right column.

a. Do the operations meet the description provided above?	
b. Are there any other activities identified in LRAPA Title 37, Section 37-0020, Table 1?	
c. Are there any other activities not described above that cause air pollutant emissions?	
d. Is the facility currently in compliance with LRAPA regulations?	
e. Have there been any violations in the last 5 years?	
f. If there have been violations, have they been resolved?	
g. Does the facility have the proper land use approvals?	

2. Boiler Information:

Boiler identification			
Manufacturer			
Date manufactured (month/year)			
Date construction commenced (month/year)			
Date installed (month/year)			
Rated design heat input capacity (million Btu per hour)			
Rated steam production capacity (pounds per hour)			
Primary fuel type			
Max. fuel quantity used per hour (include units)			
Max. fuel quantity used per year (include units)			
Secondary fuel type			
Max. fuel quantity used per hour (include units)			
Max. fuel quantity used per year (include units)			

3. Maximum Projected Pollutant Emissions: Determine the maximum projected annual pollutant emissions for all boilers based on the type of fuel burned.

Fuel type	Maximum Projected Annual Fuel Usage	Pollutant	Emission Factor	Emission Factor Units	Emissions (tons/yr.)
Natural gas	10^6 ft^3	PM	2.5	lb/10^6 ft^3	
		PM_{10}	2.5		
		SO_2 (1)	2.6		
		NO_X	100		
		CO	84		
		VOC	5.5		
Propane	gallons	PM	0.22	lb/1000 gal.	
		PM_{10}	0.22		
		SO_2	0.23		
		NO_x	13.5		
		CO	7.5		
		VOC	0.49		
Oil	gallons	PM	11.5	lb/1000 gal.	
		PM_{10}	8.2		
		SO_2	71		
		NO_x	55		
		CO	5		
		VOC	1.1		

4. Permit Requirements:

All conditions of the General ACDP apply to the source, unless they are listed below. Applicability of these permit conditions is based on date of construction or installation of air contaminant sources. For each permit condition listed below, indicated whether the condition applies to your facility by answering the question.

Permit condition	Applicability question:	Answer (yes/no)
2.2.a	Were any of the boilers installed on or before June 1, 1970?	
2.2.b	Were any of the boilers installed, constructed, or modified after June 1, 1970?	
2.6.a	Is distillate or residual oil burned in the boilers?	
2.6.b	Is on-specification used oil burned in the boilers?	
3.1 & 3.10	Were any of the boilers with heat inputs between 10 and 100 million Btu/hr installed, constructed, or modified after June 9, 1989?	
3.3	Are there any boilers with a heat input greater than 30 million Btu/yr that burn oil and were installed, constructed, or modified after Jun 9, 1989?	
3.4	Were any of the boilers with heat inputs greater than 30 million Btu/yr constructed, reconstructed, or modified after February 28, 2005?	
3.4b	If the answer to 3.4 is "yes", was the boiler ***reconstructed*** after February 28, 2005?	

Permit condition	Applicability question:	Answer (yes/no)
3.5	If the answer to 3.3 is "yes", is residual oil burned in any of the boilers?	
3.8, 3.9, 3.12 & 3.14	Do any of the boilers with heat inputs between 10 and 100 million Btu burn oil?	
8.3	Is this a new facility?	

Certifying Signature

I hereby apply for permission to discharge air contaminants in the State of Oregon, as stated or described in this application, and certify that the information contained in this application and the schedules and exhibits appended hereto, are true and correct to the best of my knowledge and belief.	
Name of official (Printed or Typed):	Title of official and phone number:
Signature of official: SIGN	Date: