

Air Quality Permitting Application

Form 6.0: Emission Points

FACILITY NAME: _____	DATE: _____
DWEE Facility ID: _____	Emission Point Identification: _____

Section 6.6: Controlled Emission Point (with combustion)

IMPORTANT: READ THE INSTRUCTIONS ACCOMPANYING THIS SECTION BEFORE COMPLETING.
Do NOT use pencil to fill out this application. Please type responses or print using black ink.

General Information

Attach the manufacturer specifications for the control device as part of Step 14.

1) Control Equipment (CE) ID:	2) CE Installation Date: <input type="checkbox"/> New Unit
3) CE Name/Description:	
4) Maximum Rated Capacity of CE: MMBtu/hr	
5) If this control equipment is a thermal oxidation system, indicate the type: <input type="checkbox"/> Regenerative <input type="checkbox"/> Recuperative <input type="checkbox"/> Catalytic Oxidizer <input type="checkbox"/> N/A <input type="checkbox"/> Other _____	
6) If this control equipment is a regenerative thermal oxidation (RTO) system, indicate the type of regeneration: <input type="checkbox"/> Online <input type="checkbox"/> Offline <input type="checkbox"/> N/A <input type="checkbox"/> Other _____	

7) Emission Unit Information

Attach the manufacturer specifications for each unit as part of Step 14

List all the emission units that are controlled by the control equipment that combusts fuel:

Unit ID	Unit Type ¹	Unit Name	Maximum Capacity (include units)	Installation Date	New Unit
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

If more than six units' emissions are controlled by this piece of control equipment, attach an additional page so that all emission units are accounted for.

¹Unit Types may include: Dryer, Distillation Vent, Fermenter, Paint Booth, etc.

8) Stack Information

☐ N/A

Height	Top Inside Diameter	Stack Discharge	Exit Velocity of Gas	Exit Temperature of Gas
ft	ft	<input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical <input type="checkbox"/> Vertical with Rain cap	m/s	°K

9) Control Information

Pollutant(s) Controlled	% Control Efficiency	Pollutant(s) Controlled	% Control Efficiency

If additional pollutants are being controlled, attach additional information.

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10) Control Equipment Fuel Information					
Complete the following information for each type of fuel combusted in the piece of control equipment:					
Type/Grade of Fuel Combusted	Maximum Fuel Capacity (include units)	Heat Content (include units)	Fuel Specifications	Operating Limitation (include units)	
			% Sulfur:	<input type="checkbox"/> N/A	
			% Ash:		
OP Application ONLY: Provide the actual fuel usage for this fuel type for the past five years (past year if new source):					
Year					
Throughput (Units: _____)					
Type/Grade of Fuel Combusted	Maximum Fuel Capacity (include units)	Heat Content (include units)	Fuel Specifications	Operating Limitation (include units)	
			% Sulfur:	<input type="checkbox"/> N/A	
			% Ash:		
OP Application ONLY: Provide the actual fuel usage for this fuel type for the past five years (past year if new source):					
Year					
Throughput (Units: _____)					
If the control equipment combusts more than two types of fuel, attach additional pages so that all fuel types are listed.					
11) Control Equipment New Source Performance Standard Applicability					
For each piece of control equipment that combusts fuel, indicate whether the following NSPS' apply to each unit. If unknown, complete and submit the External Combustion Unit NSPS Applicability Determination for each unit.					
CE ID	CE Name/Description	New Source Performance Standards			
		<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> NSPS, Subpart D <input type="checkbox"/> NSPS, Subpart Da <input type="checkbox"/> NSPS, Subpart Db </div> <div> <input type="checkbox"/> NSPS Subpart Dc <input type="checkbox"/> Other _____ <input type="checkbox"/> None </div> </div>			

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12) Controlled Unit Fuel Information					
Will any of the units being controlled by the CE combust fuel (boiler, dryer, etc)? <input type="checkbox"/> No <input type="checkbox"/> Yes					
If Yes, Complete the following information for each emission unit being controlled that combusts fuel:					
Unit ID:		Maximum Rated Capacity of Unit: _____ MMBtu/hr			
Unit Name/Description:					
Complete the following information for each type of fuel combusted in the emission unit:					
Type/Grade of Fuel Combusted	Maximum Fuel Capacity (include units)	Heat Content (include units)	Fuel Specifications	Operating Limitation (include units)	
			% Sulfur:	<input type="checkbox"/> N/A	
			% Ash:		
OP Application ONLY: Provide the actual fuel usage for this fuel type for the past five years (past year if new source):					
Year					
Throughput (Units: _____)					
If the emission unit combusts more than one type of fuel, attach additional pages so that all fuel types are listed.					
Unit ID:		Maximum Rated Capacity of Unit: _____ MMBtu/hr			
Unit Name/Description:					
Complete the following information for each type of fuel combusted in the emission unit:					
Type/Grade of Fuel Combusted	Maximum Fuel Capacity (include units)	Heat Content (include units)	Fuel Specifications	Operating Limitation (include units)	
			% Sulfur:	<input type="checkbox"/> N/A	
			% Ash:		
OP Application ONLY: Provide the actual fuel usage for this fuel type for the past five years (past year if new source):					
Year					
Throughput (Units: _____)					
If the emission unit combusts more than one type of fuel, attach additional pages so that all fuel types are listed.					
If more than two of the emission units being controlled by the CE combusts fuel, attach additional pages so that all combustion units and fuel types are listed.					
13) Attach Potential to Emit Calculations <input type="checkbox"/>					

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14) Attach Manufacturer Specifications for Each Emission Unit Listed in #7, and the control device described under General Information (1–6) ☐

15) OP Application ONLY: Attach Actual Emission Calculations ☐

16) Additional Information Attached? ☐ YES ☐ NO