

Air Quality Permitting Application

Form 6.0: Emission Point Information

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

Section 6.2.1: Internal Combustion Unit

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 each unit as part of Step 15.				
1) Unit ID: _____		2) Installation Date: _____ <input type="checkbox"/> New		
3) Model Year: _____		4) Manufacture Date _____		
5) Unit Type: <input type="checkbox"/> Stationary Gas Turbine <input type="checkbox"/> Natural Gas-Fired Reciprocating Engine <input type="checkbox"/> Engine <input type="checkbox"/> Other _____				
6) Maximum Rated Capacity: _____ <input type="checkbox"/> MMBtu/hr <input type="checkbox"/> HP <input type="checkbox"/> kW				
7) Maximum Displacement Liters/Cylinder Total Number of cylinders				
8) Engine Purpose: _____				
9) Engine Classification: <input type="checkbox"/> Stationary (Complete this form) <input type="checkbox"/> Non-road (Complete Form 6.2.2 instead) <input type="checkbox"/> Other _____				
10) Stack Information <input type="checkbox"/> 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	m/s	K
11) Fuel Information				
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:	
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:	
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:	
If the internal combustion unit combusts more than three types of fuel, attach additional pages so that all fuel types are listed.				
12) NSPS/NESHAP Applicability				
This internal combustion unit is subject to: If unknown contact the Department for further instructions.				
		<input type="checkbox"/> NSPS, Subpart GG <input type="checkbox"/> NSPS, Subpart KKKK	<input type="checkbox"/> NSPS, Subpart IIII <input type="checkbox"/> NSPS, Subpart JJJJ <input type="checkbox"/> NESHAP, Subpart ZZZZ	<input type="checkbox"/> Other _____ <input type="checkbox"/> None

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Section 6.2.1: Internal Combustion Unit (continued)

13) Air Pollution Control Equipment				
Attach the manufacturer specification for any control equipment as part of Step 15.				
Is there an air pollution control device(s) associated with this unit? <input type="checkbox"/> YES <input type="checkbox"/> NO				
Control Equipment ID#	Type of Control Equipment	Pollutant(s) Controlled	% Control Efficiency	Installation Date
Control Equipment ID#	Type of Control Equipment	Pollutant(s) Controlled	% Control Efficiency	Installation Date
If there are two or more pieces of control equipment, identify the correct configuration: <input type="checkbox"/> Series <input type="checkbox"/> Parallel <input type="checkbox"/> Other: _____				
14) Attach Potential to Emit Calculations <input type="checkbox"/>				
15) Attach Manufacturer Specifications for the Emission Unit Listed in #1, and Control Equipment listed in #13 <input type="checkbox"/>				
16) Additional Information Attached? <input type="checkbox"/> YES <input type="checkbox"/> NO				

Include the following ONLY if completing Section 6.2 for an Operating Permit Application

Operating Information					
17) Indicate the quantity of each fuel type that has been combusted in the internal combustion unit:					
Fuel Type	Maximum Amount Combusted in the Previous Five Years		Amount Last Year		
	Number	Units	Number	Units	
18) Provide the operating hours <u>of this unit</u> for the past five years (past year if new source):					
Year					
Hours Operated					
19) Attach Actual Emission Calculations <input type="checkbox"/>					
20) Additional Information Attached? <input type="checkbox"/> YES <input type="checkbox"/> NO					