

NEBRASKA Air Quality Permitting Application
 DEPT. OF ENVIRONMENT AND ENERGY **Form 6.0: Emission Point Information**

FACILITY NAME: _____ **DATE:** _____
NDEE 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

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 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: % Ash:	<input type="checkbox"/> N/A
			% Sulfur: % Ash:	<input type="checkbox"/> N/A
			% Sulfur: % Ash:	<input type="checkbox"/> N/A

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.

NSPS, Subpart GG NSPS, Subpart III Other _____
 NSPS, Subpart KKKK NSPS, Subpart JJJJ None
 NESHAP, Subpart ZZZZ

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Section 6.2.1: Internal Combustion Unit (continued)

13) Air Pollution Control Equipment				
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) Potential to Emit Calculations Attached? <input type="checkbox"/> YES				
15) 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				
16) 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
17) Provide the operating hours <u>of this unit</u> for the past five years (past year if new source):				
Year				
Hours Operated				
18) Actual Emission Calculations Attached? <input type="checkbox"/> YES				
19) Additional Information Attached? <input type="checkbox"/> YES <input type="checkbox"/> NO				