

# FORM C9

## CONTROL DEVICE (OTHER)

REVISED 09/22/16

NCDEQ/Division of Air Quality - Application for Air Permit to Construct/Operate

C9
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CONTROL DEVICE ID NO:	CONTROLS EMISSIONS FROM WHICH EMISSION SOURCE ID NO(S):
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EMISSION POINT (STACK) ID NO(S):	POSITION IN SERIES OF CONTROLS: NO.      OF      UNITS
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OPERATING SCENARIO: _____ OF _____	P.E. SEAL REQUIRED (PER 2Q .0112)? <input type="checkbox"/> YES <input type="checkbox"/> NO
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DESCRIBE CONTROL SYSTEM:

POLLUTANT(S) COLLECTED: _____				
BEFORE CONTROL EMISSION RATE (LB/HR):	_____	_____	_____	_____
CAPTURE EFFICIENCY:	_____ %	_____ %	_____ %	_____ %
CONTROL DEVICE EFFICIENCY:	_____ %	_____ %	_____ %	_____ %
CORRESPONDING OVERALL EFFICIENCY:	_____ %	_____ %	_____ %	_____ %
EFFICIENCY DETERMINATION CODE:	_____	_____	_____	_____
TOTAL AFTER CONTROL EMISSION RATE (LB/HR):	_____	_____	_____	_____

PRESSURE DROP (IN. H <sub>2</sub> O): _____ MIN      _____ MAX	BULK PARTICLE DENSITY (LB/FT <sup>3</sup> ): _____
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INLET TEMPERATURE (°F): _____ MIN      _____ MAX	OUTLET TEMPERATURE (°F): _____ MIN      _____ MAX
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INLET AIR FLOW RATE (ACFM): _____	OUTLET AIR FLOW RATE (ACFM): _____
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INLET AIR FLOW VELOCITY (FT/SEC): _____	OUTLET AIR FLOW VELOCITY (FT/SEC): _____
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INLET MOISTURE CONTENT (%): _____	<input type="checkbox"/> FORCED AIR <input type="checkbox"/> INDUCED AIR
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COLLECTION SURFACE AREA (FT <sup>2</sup> ): _____	FUEL USED: _____	FUEL USAGE RATE: _____
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DESCRIBE MAINTENANCE PROCEDURES:

DESCRIBE ANY AUXILIARY MATERIALS INTRODUCED INTO THE CONTROL SYSTEM:

DESCRIBE ANY MONITORING DEVICES, GAUGES, TEST PORTS, ETC:

ATTACH A DIAGRAM OF THE RELATIONSHIP OF THE CONTROL DEVICE TO ITS EMISSION SOURCE(S):

COMMENTS:

**Attach manufacturer's specifications, schematics, and all other drawings necessary to describe this control.**

**Attach Additional Sheets As Necessary**