

# FORM B8

## EMISSION SOURCE (INCINERATION)

REVISED 09/22/16

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

**B8**

EMISSION SOURCE DESCRIPTION:	EMISSION SOURCE ID NO:
	CONTROL DEVICE ID NO(S):

OPERATING SCENARIO: _____ OF _____	EMISSION POINT (STACK) ID NO(S):
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DESCRIBE IN DETAIL THE PROCESS (ATTACH FLOW DIAGRAM):

**TYPE:**

<input type="checkbox"/> HAZARDOUS WASTE	<input type="checkbox"/> SEWAGE SLUDGE	<input type="checkbox"/> OTHER SLUDGE	<input type="checkbox"/> MUNICIPAL WASTE
<input type="checkbox"/> CONICAL	<input type="checkbox"/> CREMATORY	<input type="checkbox"/> OTHER (DESCRIBE): _____	
<input type="checkbox"/> HOSPITAL, MEDICAL, OR INFECTIOUS WASTE (HMIWIs)			

PRIMARY CHAMBER	SECONDARY CHAMBER	EXCESS AIR (%):
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FIRING RATE (MMBTU/HR):	FIRING RATE (MMBTU/HR):	AIR DISTRIBUTION: <input type="checkbox"/> OVERFIRED <input type="checkbox"/> UNDERFIRED
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OPERATING TEMP. (F):	OPERATING TEMP. (F):	AIR FLOW ENTERING UNIT (ACFM):
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RESIDENCE TIME (SEC):	RESIDENCE TIME (SEC):	TYPE OF CHARGING:
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CHAMBER VOLUME (FT3):	CHAMBER VOLUME (FT3):	MAXIMUM FIRING RATE (MMBTU/HR):
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QUANTITY WASTE BURNED	HOURLY CHARGE RATE (LB/HOUR)	MAXIMUM REQUESTED CHARGE RATE (TONS/YEAR)
	DESIGNED MAXIMUM (LB/HOUR):	DESIGNED MAXIMUM (TONS/YEAR):

WASTE COMPOSITION	AVERAGE BTU/LB:	AVERAGE % MOISTURE CONTENT:
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WASTE TYPE	% BY WT.	WASTE TYPE	% BY WT.	WASTE TYPE	% BY WT.

**FUEL CHARACTERISTICS (COMPLETE ALL THAT ARE APPLICABLE)**

FUEL TYPE	BTU CONTENT	UNITS	SULFUR CONTENT (% BY WEIGHT)	ASH CONTENT (% BY WEIGHT)

FINAL DISPOSITION OF ASH:

ATTACH THE FOLLOWING TO THE APPLICATION (CHECK IF ENCLOSED):

<input type="checkbox"/> STARTUP PROCEDURES	<input type="checkbox"/> DESCRIPTION OF AUTOMATIC AND MANUAL CONTROLS
<input type="checkbox"/> MAINTENANCE PROCEDURES	<input type="checkbox"/> SCHEMATIC OF INCINERATOR
<input type="checkbox"/> ALL MANUFACTURERS LITERATURE/SPECIFICATIONS	<input type="checkbox"/> DESCRIPTION OF ALL MONITORING DEVICES, GAUGES, TEST PORTS, ETC.
<input type="checkbox"/> SUMMARY OF RCRA APPLICABILITY	<input type="checkbox"/> COMMENTS

COMMENTS:

**Attach Additional Sheets As Necessary**