



DEPARTMENT OF PUBLIC HEALTH
POLLUTION PREVENTION UNIT
333 SOUTH STATE STREET, ROOM 200
CHICAGO, ILLINOIS 60604

CITY OF CHICAGO

DATE: _____

AIR POLLUTION CONTROL PERMIT APPLICATION FORM FOR INCINERATOR OR AFTERBURNER	FORM IN
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SOURCE INFORMATION

1) NAME:		
2) STREET ADDRESS:		
3) CITY:	4) STATE:	5) ZIP:
6) PRIMARY INDUSTRIAL CLASSIFICATION (SIC) CATEGORY:		7) PRIMARY SIC #:
8) ENVIRONMENTAL CONTACT PERSON:		9) PHONE #

OWNER OR OPERATOR INFORMATION

1) NAME:	<input type="checkbox"/> OWNER	<input type="checkbox"/> OPERATOR
2) ADDRESS:		
3) CITY:	4) STATE:	5) ZIP:

EQUIPMENT INFORMATION

TITLE OF EQUIPMENT:		MAKE AND MODEL#:
NUMBER OF UNITS:	NUMBER OF CHAMBERS:	TOTAL BURNING AREA (SQ. FT)
GRATE AREA (SQ. FT):		HEARTH AREA (SQ. FT):
PRIMARY VOLUME (CUBIC FT):		SECONDARY VOLUME (CUBIC FT):

FUEL USAGE INFORMATION

<input type="checkbox"/> NATURAL GAS	<input type="checkbox"/> OTHERS (SPECIFY)
FIRING RATE: _____ BTU/HR	NUMBER OF BURNERS:
ANNUAL FUEL USAGE (SCF/YR, TON/YR, GAL/ YR):	TYPICAL HEAT CONTENT OF FUEL(BTU/LB, BTU/GAL, OR BTU/SCF):

AIR SUPPLY INFORMATIONCOMBUSTION AIR SUPPLIED BY: NATURAL DRAFT FAN FAN AND NATURAL DRAFT

FAN CAPACITY: _____ CFM

MOTOR _____ RPM _____ HP

STACKS, VENTS AND EXHAUST INFORMATION

TYPE OF VENT:

DIMENSIONS:

HEIGHT ABOVE ROOF OR GRADE

NUMBER OF VENTS:

CFM EXHAUSTED: TEMP:

CONNECTED TO:

GENERAL INFORMATION

1) FLOW DIAGRAM DESIGNATION OF EQUIPMENT:

2) DESCRIPTION OF WASTE AND AMOUNT INCINERATED:

3) MINIMUM COMBUSTION CHAMBER TEMPERATURE (DEGREES FAHRENHEIT):

4) IS A CATALYST USED?

 YES NO***IF YES, DESCRIBE:***

5) EXPECTED FREQUENCY OF CATALYST REPLACEMENT:

6) EXPLAIN DEGRADATION OR PERFORMANCE INDICATOR CRITERIA DETERMINING CATALYST REPLACEMENT.

7) DESCRIBE METHOD OF GAS MIXING USED:

8) IS THE COMBUSTION CHAMBER TEMPERATURE
CONTINUOUSLY MONITORED AND RECORDED? YES NO9) FOR CATALYTIC AFTERBURNERS, IS THE TEMPERATURE RISE ACROSS
THE CATALYST BED CONTINUOUSLY MONITORED AND RECORDED? YES NO

10) IS THE VOM CONCENTRATION OF EXHAUST MONITORED AND RECORDED?

 YES NO**OPERATING INFORMATION**COMBUSTION CHAMBER TEMPERATURE (DEGREES
FAHRENHEIT)COMBUSTION CHAMBER CROSS SECTIONAL AREA
(SQUARE FEET):

INLET GAS TEMP.(DEGREES FAHRENHEIT)

INLET FLOW RATE(SCFM):

RETENTION TIME (SECONDS)

EFFICIENCY(VOM REDUCTION)

REMARKS: