



GOVERNMENT OF THE DISTRICT OF COLUMBIA
District Department of the Environment
Air Quality Division

**APPLICATION FOR PERMIT TO CONSTRUCT/OPERATE A BOILER OR OTHER EXTERNAL
COMBUSTION EQUIPMENT**

- (1a) _____
Business license name of organization application registration
- (1b) _____
Name of owner(s) or principal partner(s) of above organization
- (2a) _____
Mailing address of (1b) (No., Street, City, State, Zip)
- (2b) _____
Mailing address of (1b) (No., Street, City, State, Zip)
- (3) _____
Equipment location address
- (4a) _____ (4b) _____
Signature of owner/operator Official Title
- 4c) _____ (4d) _____
Type or print name above Emergency phone number
- (5) Type of Application (check one)
- Initial application New Unit Change in Change owner
(Existing unit) (To be installed) (Existing unit) (Registered unit)
- (6) Major activity at this location (check one)
- Mining Quarry Contract Manufacturing Other _____
Construction (specify)
- Public Retail/Wholesale School or Hospital Offices
Services Trade Church or Lab
- Laundry/ Hotel/ Entertainment Warehouse Nursing
Dry Cleaner Motel (theatre, etc) Home
- Residential _____ Other _____
Apartments Numbers of units of fuel burning equipment Specify

(7) Date of application: _____ Date construction began: _____ Date completed: _____

(8) Primary fuel burning in this unit (check one)

Natural Gas LP Gas Other Gas Diesel Fuel Oil #2 Oil #4 Wood

Quantity/year _____
(specify units)

(9) Secondary fuel burned in this unit (check one)

Natural Gas LP Gas Other Gas Diesel Fuel Oil #2 Oil #4 Wood

Quantity/year _____
(specify units)

(10) Fuel oil property, if applicable

%Ash: _____ %Sulfur: _____ Heat content (BTU/fuel unit): _____

(11) Type of oil burner, if applicable

Steam Atom Air Atom Pressure or Gun type Other

(12) Furnace volume (ft³): _____ (12a) Boiler type: Fire tube Water tube

(13) Size of combustion unit (Maximum firing rate): _____ Million BTU/hour

Amount of fuel used: Gas (10⁶ ft³/hr) _____ Oil (gals/hr) _____

(14) Gas cleaning or emission control device: _____

(15) Estimated efficiency of control device: _____ %

(16) Stack height above ground, (ft): _____ Inner diameter at exit, (ft): _____

Exit gas temperature, deg F: _____ Exit gas velocity, ft/s: _____

Exit gas moisture content, %: _____ Exit gas volume through stack, acfm: _____

(17) Emissions:

Pollutant	Emission Factor (lbs/gal or lb/CF)*	Emission Rate (lb/hr)	Maximum Uncontrolled Emissions (Tons/yr)	Emission Controlled Efficiency (%)	Maximum Controlled Emissions (Tons/yr)
PM (Total)					
SO_x					
NO_x					
VOC					
CO					

*Note that other methods of calculating emissions (such as through the use of lb/mmBTU emission factors with the fuel usage rate and the heat content of the fuel) may be employed other than those envisioned by this table. If another method is used, you may develop a supplemental table for use in place of this table for application purposes.

Basis of estimates: _____

(18) Emergency Episode Procedures:

How do you intend to comply with the requirements for reduced emissions during an air pollution episode?

Alert:

Warning:

Emergency:

(19) Plans for permanent reduction of emissions: (Note that if control device installation or equipment modification is to occur at a later date, a separate permit application must be submitted):

Date of planned reductions: _____

NOTE

Deviations from approved plans and specifications are not permissible without securing the formal approval of District Department of the Environment, Air Quality Division, Permitting and Enforcement Branch.

The complete application and all applicable supporting documents must be submitted to the following address:

Branch Chief
Permitting and Enforcement Branch
Air Quality Division
1200 First Street, NE
5th Floor
Washington, DC 20002-3323