



**THE CITY OF NEW YORK**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
 Bureau of Environmental Compliance  
 59-17 Junction Boulevard, 9th Floor  
 Flushing, New York 11373

**Michael Gilsean**  
 Assistant Commissioner  
 Environmental Compliance

**Required Information for Equipment Acceptance**  
 For the Use of Non-Department Listed Bare Boilers

<b>Information of Equipment Manufacturer</b>	Manufacturer Name:		
	Product Line Name:		
	Business Address:		
	City:	State:	Zip:

<b>Information of Representative</b>	Name of Representative:	Telephone No.:
	Email Address:	Fax No.:

Type of Fuel: \_\_\_\_\_

Is the boiler factory sealed for pressurized firing?  Yes  No

Table for the listing of bare boiler sizes

Boiler Manufacturer Series Name				

Table for the explanation of the boiler model number nomenclature

Sample Model Number	
Segment 1	
Segment 2	
Segment 3	

### Boiler Series Boiler Data

BOILER MANUFACTURER SERIES NAME	FIRING RATE FOR GROSS OUTPUT		GROSS HEAT OUTPUT	HEATING SURFACE (Fireside)	FURNACE VOLUME	HEAT RELEASE	DRAFT LOSS		
	GPH*	MBtu/Hr					MBtu/Hr	Sq. Ft.	Cu. Ft.
			in. w.c.	in. w.c.	in. w.c.				

\*Based on 140,000 Btu/gal for #2 fuel oil

### Furnace Details Drawing and Dimensions

#### Boiler Combustion Chamber Dimensions and Furnace Volume Figures

Boiler Size	A (in.)	B (in.)	C (in.)	D (in.)	Cylindrical Furnace Volume (cu.ft.)	Reversing Chamber Volume (cu.ft.)	Total Furnace Volume (cu.ft.)

Sample Furnace Volume Calculation
<b>Total Furnace Volume = Volume of the Primary Fire tube + Volume of the Reversing Chamber</b> = Area of the primary fire tube x length of the fire tube + Area of the Reversing Chamber x length of the reversing Chamber

## Professional Engineer's Certification Statement

The boiler is certified or will meet the following requirements during all steady state operational conditions:

- Boiler has an ASME Certification
- A smoke reading of #3 or less on the Bacharach Scale
- Stack losses will not exceed 17% for fuel oil (combustion efficiency of 83% or greater)
- Overall efficiency will be at least 78%

I attest under the penalties of perjury:

1. I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification statement;
2. That, based on my inquiry of those individuals responsible for obtaining the information, the information contained in this submittal is, to the best of my knowledge, true, accurate and complete; and
3. That I am fully authorized to make this attestation on behalf of the facility.

I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, misleading or incomplete information.

\_\_\_\_\_  
P.E. Signature

\_\_\_\_\_  
P.E. Seal