

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

**Satish K. Babbar, R.A., Acting Commissioner
MEA 358-00-E**

Report of Material and Equipment Acceptance Division

Manufacturer - Triangle Tube, Freeway Center, 1 Triangle Lane, Blackwood, New Jersey 08012.

Trade Name - Triangle/Phase III.

Product - Oil fired water heaters.

Pertinent Code Section(s) - 27-800, P107-26.

Prescribed Test(s) - RS 14-6 (UL 732).

Laboratory - ETL Testing Laboratories Inc.

Test Report(s) - ETL file J97003504-001, dated July 24, 1997, J97000846-001 dated February 8, 1992 and 276-2002-98-05 dated June 1998.

Description - Oil fired residential storage type water heaters, Model HMF, can be used for both domestic hot water (stainless steel inner tank) and space heating application (a carbon steel outer tank) with two physically separate water loops. Unit consists of corrugated stainless steel inner tank, a carbon steel outer tank and a wet based carbon steel combustion chamber, fan assisted atmospheric burner, high temperature safety limit and low water cut off switches, dip tube, temperature and pressure relief valves. Units, with model numbers, input heating and storage capacities are listed below:

Model No.	Input Heating Rating BTUH	Capacity (Gallons)	
		Inner Tank	Outer Tank
HMF-25	100,000	20	22
HMF-35	140,000	20	22
HMF-40	165,000	22	18
HMF-45	199,000	22	18

Note: 1. Minimum installed clearances from combustible construction shall be as follows: top - 6 inches; sides - 6 inches; back - 6 inches; bottom - 0 inches.

Recommendation - That the above described residential water heaters installed as per clearances to combustible construction specific above, and assembled with compatible MEA accepted oil fired burner with size and operating characteristics approved by the manufacturer and laboratory, be accepted for use when fired by #2 fuel oil, under the following conditions:

1. Heaters shall not be installed in any enclosed space with a volume of less than 300 cubic feet.
2. All shipments and deliveries of such equipment shall be provided with a laboratory label and a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to those tested and acceptable for use, as provided for in section 27-131 of the Building Code.
3. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance Oct 27, 2000

Examined by S Derk Hudam