



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Robert D. LiMandri, Acting Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 119-08-E

Manufacturer: ECR International, 2200 Dwyer Avenue, Utica, N.Y. 13501

Trade Name(s): Dunkirk Excelsior, Utica Boiler Trifire

Product: Oil-fired, low pressure hot water boiler assemblies
MEA Index #60-30 – Oil-fired Boilers

Pertinent Code Section(s): 27-800, 27-824

Prescribed Test(s): RS 14-16 (UL 726)

Laboratory: CSA International

Test Report(s): 1991675(096641) issued February 28, 2008.

Description: High-efficiency, non-condensing oil-fired, hot water boiler assemblies, **series Dunkirk Excelsior and Utica Boiler Trifire**. Basic units are comprised of ASME approved cast-iron heat exchanger assemblies, UL approved pressurized oil burners, intermittent ignition means comprising flame sensors and igniters (electrodes), ignition modules, ignition transformers and oil pumps with pressure regulators. These boilers are provided with an optional circulator, relief valve and hot water temperature-limit control with adjustable settings up to 220°F, maximum. Units, with model numbers and number of basic boiler sizes used, are listed below:

Dunkirk Excelsior	Utica Boiler TriFire	Rate Input (Btu/hr)	Rate GPH #2 Fuel Oil
DK4EXA075	UB4TRA075	105,000	0.75
DK5EXA100	UB5TRA100	140,000	1
DK6EXA130	UB6TRA130	182,000	1.3
DK7EXA165	UB7TRA165	231,000	1.65

Terms and Conditions: The above units are accepted on the following conditions:

1. Boilers are constructed according to RS 14-4, ASME Boiler and Pressure Vessel Code, Section IV.
2. The boiler assembly may be installed on combustible flooring, provided the boiler is not set on carpet. The minimum clearances for accessibility are as follows:
Top – 12 inches; front – 24 inches; left or right side – 24 inches; rear – 9 inches and flue – 9 inches.
3. Units shall be fired with No. 2 fuel oil only.
4. Approved chimney shall be in accordance with Subchapter 15 of the New York City Building Code.
5. This acceptance in no way includes the external piping, connection and appurtenances thereto, which are required to fully conform to applicable provisions of the law and have been used during the testing in conjunction with this application.
6. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board.
7. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
8. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided in Section 27-131 of New York City Building Code.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance June 4, 2008

Examined By Suresh Derphudam