



NYC Department of Buildings
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Report of Materials and Equipment Acceptance Division

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 89-92-E Vol. 33

Manufacturer: The Viking Corporation, 210 N. Industrial Park Road, Hastings, MI 49058

Trade Name(s): TRIMPAC®

Product: Trim Package assemblies for sprinkler systems:
Model #s:
B-1 – Conventional Deluge System with electric release
B-2 – Conventional Deluge System with pneumatic release
B-3 – Single Interlocked Pre-Action System with electric release
B-4 – Single Interlocked Pre-Action System with pneumatic release
D-1 – SUREFIRE Single Interlocked Pre-Action System
E-1 – FIRECYCLE III Single and Double Interlocked Pre-Action System
E-2 – FIRECYCLE III Deluge System
E-3 – FIRECYCLE III Wet System

Pertinent Code Section(s): Subchapter 17 and Reference Standard RS 17

Prescribed Test(s): FM Class 1011/1012, 1016 and 1020

Laboratory: Factory Mutual Approvals

Test Report(s): Project ID: 3018000 – May 18, 2005

Description: TRIMPAC® is a trim package for a deluge valve with a specific release device and release module for the desired application manufactured and tested in a metal enclosure. The configurations include: Deluge Sprinkler Systems, Preaction Sprinkler Systems (Conventional and SureFire), Refrigerated Area Sprinkler systems

(Conventional and SureFire) and On-Off Sprinkler System (Firecycle® III). The standard trim normally required on a deluge valve has been moved to a single cabinet. TRIMPAC® provides access doors for the emergency release and alarm test valve for manual operation of these trim valves. TRIMPAC® is equipped with priming water pressure and water supply gauge view-ports for easy monitoring of water pressures. TRIMPAC® eliminates the installation of alarm trim piping and release trim piping at the deluge valve. The enclosure protects trim valves from inadvertent operation. Piping (or the included stainless steel hose package) from the valve body to the enclosure assembly allows the assembly to be installed remote of the sprinkler system riser. The maximum distance the TRIMPAC may be installed away from the automatic water control valve is 5'. The TRIMPAC enclosure must be installed above the elevation of the automatic drip check that is attached to the automatic water control valve. A valve drain package is required and is ordered based on the deluge valve size.

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections Letter dated October 19, 2006, F.P. Index #06070021C.

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

1. All uses, applications and installations comply with all applicable New York City rules, regulations and codes, specifically New York City Building Code, Subchapter 17 and Reference Standards 17-2, 17-3 and 17-5.
2. Installation of a deluge or pre-action system shall be subjected to compliance with the limitations of Fire Alarm Inspection Unit Information Bulletin I-92, including the requirement that prohibits the cross-zoning of pre-action system's electrically-operated fire detectors. Cross-zoning shall be permitted only when such a system is installed with a clean-agent or similar gas-suppression system as the primary suppression system with the deluge or pre-action system being the secondary or supplemental system.
3. The above-referenced double interlocked systems shall be employed for applications such as refrigerated rooms provided that the Engineer of Record confirms that water released from a pre-action system may freeze in the piping to the sprinkler heads prior to the sprinkler heads activating.
4. Single and double interlocked pre-action systems shall be provided with at least two (2) detectors installed for each zone in the protected area to ensure proper operation and to allow for any possible faulty detectors. Detectors for double interlocked pre-action systems shall not be crossed zone.
5. The above-referenced models shall be used only with listed and approved/accepted devices and accessories with which the compatibility has been determined to be acceptable by the Engineer of Record or a UL test report.

6. Installation of all the above models shall be in compliance with Factory Mutual Research Corporation's approval requirements and limitations.
7. Installation of all above-referenced models shall be in compliance with the manufacturer's recommendations, maintenance procedures and limitations.
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 acceptable for use, as provided in Section 27-131 of the Building Code.

Final Acceptance October 31, 2006.

Examined By Donald [Signature]