



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. 39

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

Trade Name(s): The Viking Corporation

Product: Dry pipe valves

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

Prescribed Test(s): FM Class 1021

Laboratory: Factory Mutual Approvals

Test Report(s): Project ID: 3028749 issued February 15, 2007.

Description: The Viking Model F-2 Dry Pipe Valve is a latching differential valve used to separate the water supply from the dry pipe sprinkler system. The valve combines a positive latching clapper and air plate assembly with a differential air to water seat design. The latching clapper and air plate assembly provides a positive mechanical seal for the air pressure in the dry pipe system. The differential design allows an air supply of moderate pressure to control a higher water supply pressure. When the air pressure in the dry pipe system is lowered sufficiently to destroy the pressure differential, the valve opens allowing water to enter the dry pipe system.

The valve is also designed to operate a water motor alarm and/or an electric pressure alarm switch. The Viking accelerator with external Anti-flood Device can be used to speed the operation of the valve on large capacity systems or where faster action is required.

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 September 14, 2007, F.P. Index #0708045.

Terms and Conditions: The above-described dry pipe valve is accepted on condition that:

1. All uses, arrangements and functions, application and installations shall comply with all applicable New York City codes, rules and regulations, especially Subchapter 17 of the New York City Building Code.
2. Factory Mutual Approvals' listing requirements shall be adhered to.
3. Air/nitrogen should be supplied from separate sources and the pressure in dry pipe should never exceed 60 psi (4. bar).
4. Intermediate chamber of the Dry Valve should be free of water. No water should flow from the drip check when plunger is pushed.
5. The Dry Valve and trim must be kept free of foreign matter, freezing condition, corrosive atmospheres, and contaminated water supplies.
6. Never apply any lubrication to seats, gaskets, or any internal operating parts of the Dry Valve. Petroleum-based grease or oil will damage rubber components and may prevent proper operation of the dry valve.
7. Periodic maintenance, test, and inspection shall be conducted in accordance with the regulations of Fire Department and manufacturer's recommendations.
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 the New York City Building Code.

Final Acceptance October 2, 2007.
Examined By Donald [Signature]