



NYC Department of Buildings
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Patricia Lancaster, FAIA, Commissioner
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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. 40

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

Trade Name(s): The Viking Corporation

Product: Swing-check valves

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

Prescribed Test(s): FM Class 1210

Laboratory: Factory Mutual Approvals

Test Report(s): Project ID: 3022439 issued March 1, 2005.
Project ID: 3024963 issued January 13, 2006.
Approved Product/Specification – Tested Revision Report dated October 12, 2006.

Description: The Viking Model M-2, 4-inch NPS swing-check valve is for use in horizontal or vertical installations with maximum working pressure of 250 psi (1725 kPa). This M-2 NPS swing-check valve has grooved ends and is a ductile iron swing-type check valve.

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 #0708046.

Terms and Conditions: The above-described swing-check 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. Swing-type valves shall be installed horizontally in pipes from each Siamese hose connection and in piping from each tank, pump, and city water connection. Spring-loaded check valves may be installed in the vertical or horizontal position on the discharge side of fire pumps and tank connections.
4. Swing-check valves must be installed in an area not subject to freezing temperatures, physical damage, or corrosive atmospheres.
5. The clapper assembly is not replaceable. If it is determined that the clapper is damaged, the valve must be replaced.
6. Never apply any lubrication to seats, gaskets, or any internal operating parts of the swing-check valve. Petroleum-based grease or oil will damage rubber components of the clapper assembly and may prevent proper operation of the swing-check valve.
7. Periodic maintenance, test, and inspection shall be conducted in accordance with the regulations of the 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]