



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 314-07-E

Manufacturer: Wilson and Cousins Div of Palamar Ind. Inc.
4390 Paletta Court, Burlington, ON, Canada L7L 5R2

Trade Name(s): Wilson and Cousins

Product: Check valves, pressure-restricting-angle hose valves
and standard-angle hose valves

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

Prescribed Test(s): RS 17-6A (UL 312, UL 1468 and UL 668)

Laboratory: Underwriters Laboratories of Canada

Test Report(s): UL File Ex5270, Vol. 1, Sec. 1, issued June 25, 2003
UL File Ex5549, Project 03NK05306, issued
June 26, 2003
UL File Ex6935, Project 04CA46672, issued
April 26, 2005 and revised November 1, 2006.

Description: Models **IE144G** and **IE144T** are 4" swing-check valves for use in horizontal or vertical installations with a maximum working-pressure of 300 psi. The IE144T check valve is similar in construction to the IE144G with the exception that the IE144T ends are threaded instead of grooved.

Models **IE25H-PRV** and **IE23-PRV** are angle-type bronze pressure-restricting valves combining shut-off and pressure-reducing features, for installation on standpipe systems. Size 1.5" is for Class II systems; Size 2.5" is for Class I or III, as defined by NFPA-14 having a rated inlet-pressure of 300 psi, and pressure reduction to 80 psi.

Model **IE25H** is a standard-angle hose valve with male or female hose connection in the 1.5", and Model **IE23** is also a standard-angle hose valve with male hose connection only. Connections are in 1.5" and 2.5" sizes, respectively, for working pressure not to exceed 300 psig.

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 16, 2007, F.P. Index #0709011.

Terms and Conditions: The above-described units are accepted on condition that:

1. All uses, arrangements and functions, application and installation shall comply with all applicable New York City codes, rules and regulations, especially New York City Building Code, Subchapter 17 and Reference Standards RS 17-1, 17-2, 17-2A, 17-6A.
2. Underwriters Laboratories of Canada listing requirements shall be adhered to.
3. Manufacturer's installation, maintenance procedures, and limitations shall be complied with.
4. All above equipment shall be used in fire suppression systems with working pressure not greater than 300 psi (20.7 bar).
5. 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.
6. Periodic maintenance, test and inspection shall be conducted in accordance with the regulations of the Fire Department and manufacturer's recommendations.
7. 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 November 23, 2007

Examined By Simon Desplanda