



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
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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 144-83-M Vol. II

Manufacturer: Watts Regulator Company, 815 Chestnut street, North Andover Massachusetts 01845.

Trade Name(s): Watts.

Product: Reduced pressure principle backflow preventers.

Pertinent Code Section(s): P107.13 and P107.18 of Reference Standard RS-16.

Prescribed Test(s): RS-16 (ASSE No. 1013-1974).

Laboratory: University of Southern California, Foundation for Cross-Connection Control and Hydraulic Research.

Test Report(s): Reports No. 94-062 dated September 7, 1994, 89-33 and 89-35 dated November 6, 1989; 89-54, 89-53 and 89-52 dated December 28, 1989.

Description: Reduced Pressure detector Check Assembly 909 (RPDA) sizes 2.5, 3, 4, 6, 8 and 10 inches shall consist of a pressure differential relief valve located in a zone between two positive seating check valves and captured springs. Backsiphonage protection shall include provision to admit air directly into the reduced pressure zone via a separate channel from the water discharge channel. The assembly shall include two tightly closing shutoff valves before and after the valve and test cocks. The unit shall have a bypass for the detection of leaks and

illegal usage. The bypass will consist of a water meter and a small Reduced Pressure Backflow prevention assembly.

A Reduced Pressure Detector Assembly shall be installed on fire protection systems when connected to a public water supply. The local authority having jurisdiction determines degree of hazard present. The unit shall be a complete assembly including UL listed and FM approved OSY shutoff valves. Including an auxiliary line consisting of an approved backflow preventer and water meter.

Terms and Conditions: That the above backflow prevention assemblies be accepted for use when installed in conformance with Reference Standard RS-16. All shipments and deliveries of such materials shall be accompanied by a metal tag certifying that the assembly shipped or delivered is equivalent to that tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance SEP / 16 / 2005

Examined By S. van Dijk