



NYC Department of Buildings  
280 Broadway, New York, NY 10007  
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 299-91-E Vol.13

**Manufacturer:** Potter Electric Signal Co., 2081 Craig Road, St. Louis, MO 63146-4161

**Trade Name(s):** Potter Electric Signal Co.

**Product:** WCS (Water Column Switch)

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

**Prescribed Test(s):** UL 346 Standard

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** UL File S309, Project 05NK22086, revised November 16, 2005

**Description:** The WCS is an electric supervisory switch used to detect the presence of a conductive fluid (water) that can accumulate or become trapped in the piping directly above the clapper on a dry-pipe or pre-action valve. The WCS has an ambient temperature range of 40°F/120°F, 45°C/49°C. The input supply voltage is 120Volt AC un-switched. The maximum working pressure is 175 psi. The contact rating is SPDT 10.0 amps @ 120Volt AC and 2.0 amps @ 30Volt DC resistive.

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 2, 2006, F. P. Index #0609036.

**Terms and Conditions:** The above-described water-column switch is accepted on condition that:

1. All uses, applications and installations comply with all applicable provisions of the New York City Building Code, specifically Subchapter 17, and with Reference Standards RS 17-2 and 17-3.
2. Installation shall be in accordance with the manufacturer's recommendation and UL Standard.
3. Underwriters Laboratories, Inc.'s listing requirements and limitations shall be complied with.
4. 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 New York City Building Code.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance October 17, 2006  
Examined By Donald [Signature]