



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

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 258-93-E Vol.18

Manufacturer: The Reliable Automatic Sprinkler Co., Inc.
1470 Smith Grove Road
Liberty, SC 29657

Trade Name(s): RASCO

Product: Sprinklers

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

Prescribed Test(s): UL 199 and UL 1626

Laboratory: Underwriters Laboratories' approvals

Test Report(s):

- 1) UL File Ex 3646, Projects 01NK51084, 02NK15335, 03NK34248, 04NK10186/Ex 454, 06NK07955, issued January 20, 2003, revised April 27, 2007.
- 2) UL File Ex 454, Projects 04NK10756 & 05CA35743, issued August 4, 2005, revised January 11, 2007.
- 3) UL File Ex 4427, Projects 04NK14852, 05CA45091, 06NK19020 & 06NK25192, issued January 13, 2005 revised November 28, 2006.
- 4) UL letter dated May 8, 2007.

Description: SIN RA0914 model RFC56 Concealed Pendent Sprinkler 165°F
SIN RA1011 model HL22 Pendent Sprinkler 165°F and 212°F
SIN RA0852 model N252K-25 Extended Coverage Storage Sprinkler

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 March 22, 2007, F.P. Index #0604035B.

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

1. All uses, applications and installations comply with all New York City rules, regulations and codes, specifically Subchapter 17. Further, the installation shall be in accordance with Reference Standard 17-2, manufacturer's recommendations and UL standards.
2. Model N252 (SIN RA0952) shall be installed in accordance with all requirements of NFPA 13, 2002 edition, especially Section 8.8. The use and installation shall be limited to storage and extra hazard locations for coverage areas having a width and length dimensions of 12ft. x 12ft. and 14ft. x 14ft.
3. Model HL22 (SIN RA1011) shall be used for wet pipe systems only and shall be installed in accordance with all requirements of NFPA 13, 2002 edition, especially Section 8.12. The use and installation shall be limited to storage areas mention I (a) & (b) below:

- (a) For Class I, II, III, IV and cartoned unexpanded plastics (excluding open-top combustible containers in racks, uncartoned unexpanded plastics and all expanded plastics) commodities in open-frame racks or solid-piled/palletized (open or closed array) at the following pressures based on maximum storage and building heights:

Maximum Storage Height	Maximum Building Height	Minimum Design Pressure
40 ft.	45 ft.	50 psi
35 ft.	40 ft.	45 psi
30 ft.	35 ft.	35psi
25 ft.	30 ft.	25 psi

- (b) For uncartoned unexpanded plastic commodities (excluding open-top combustible containers in racks) in open-frame racks or solid-piled/palletized (open or closed array) at the following pressure based on maximum storage and building height:

Maximum Storage Height	Maximum Building Height	Minimum Design Pressure
40 ft.	45 ft.	50 psi

4. Underwriters Laboratories, Inc.'s listing requirements and limitations shall be complied with.

5. Manufacturer's installation, maintenance procedures and limitations shall be complied with.
6. 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 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 June 26, 2007.

Examined by Donald [Signature]