



## 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 373-07-E Vol. 3

**Manufacturer:** Cooper / Wheelock Inc.  
273 Branchport Avenue, Long Branch, N.J. 07740

**Trade Name(s):** SIEMENS, Siemens Building Technologies, Inc.,  
Fire Safety

**Product:** Fire alarm equipment

**Pertinent Code Section(s):** 27-968 through 27-997, RS 17-3 and RS 17-5

**Prescribed Test(s):** §27-969 (UL 1638, UL 1971, UL 464 and UL 864, 9<sup>th</sup>  
Edition)

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):**

1. UL File S5946, Project 06NK28297 issued January 25, 2007, revised February 28, 2007.
2. UL File S5946, Project 06NK28297 issued January 26, 2007.
3. UL File S5946, Project 06NK28297 issued January 27, 2007, revised March 28, 2007.
4. UL File S5946, Project 06NK28297 issued January 28, 2007, revised March 28, 2007.
5. UL File S5946, Project 06NK25498 issued December 20, 2006, revised August 29, 2007.
6. UL File S5946, Project 06NK25498 issued December 21, 2006, revised May 24, 2007.
7. UL File S5946, Project 06NK25498 issued December 22, 2006.
8. UL File S5946, Project 06NK25498 issued December 19, 2006, revised March 28, 2007.

**Description:** Audible signals and accessories for fire protection systems and signal appliances for the hearing-impaired.

The Siemens' models, Series CH, MTH, AS, AH, NS, NH, Z, HS, MH and MB, are audible and visual signals for fire protection systems. They were designed as 'Special Application' to be used with the Siemens Building Technologies, Inc's. Fire Safety and Faraday control panels.

The strobe portions may be synchronized when used in conjunction with the Siemens DSC sync modules listed in MEA 169-96-E Vol. 3, the Siemens FS-250 panel, XLS series panels or PAD-3 power supply, the Faraday MPC-6000 and MPC-7000 control panels and RSE-300 power supply, all with built-in sync protocol.

Following are the Audible/Visual model tables for reference.

<b>SIEMENS Models</b>	<b>Signal Descriptions</b>	<b>Volume, Section</b>
<b>CH-R</b>	<b>Chime, red</b>	<b>Vol. 24, Sec. 4</b>
<b>CH-W</b>	<b>Chime, white</b>	<b>Vol. 24, Sec. 4</b>
<b>CH-CW</b>	<b>Chime, ceiling, white</b>	<b>Vol. 24, Sec. 4</b>
<b>CH-MC-R</b>	<b>Chime, multi-candela, red</b>	<b>Vol. 24, Sec. 4</b>
<b>CH-MC-W</b>	<b>Chime, multi-candela, white</b>	<b>Vol. 24, Sec. 4</b>
<b>CH-MC-CR</b>	<b>Chime, multi-candela, ceiling, red</b>	<b>Vol. 24, Sec. 4</b>
<b>CH-MC-CW</b>	<b>Chime, multi-candela, ceiling, white</b>	<b>Vol. 24, Sec. 4</b>
<b>CH-HMC-CW</b>	<b>Chime, HI multi-candela, ceiling, white</b>	<b>Vol. 24, Sec. 4</b>
<b>MTH-R</b>	<b>Multi-tone horn, red</b>	<b>Vol. 24, Sec. 5</b>
<b>MTH-W</b>	<b>Multi-tone horn, white</b>	<b>Vol. 24, Sec. 5</b>
<b>MTH-MC-R</b>	<b>Multi-tone horn with multi-candela, strobe, red</b>	<b>Vol. 24, Sec. 5</b>
<b>MTH-MC-W</b>	<b>Multi-tone horn with multi-candela, strobe, white</b>	<b>Vol. 24, Sec. 5</b>
<b>MTH-15-115-R-WP</b>	<b>115VAC multi-tone strobe 15cd, indoor/outdoor use, red</b>	<b>Vol. 24, Sec. 4</b>
<b>MTH-15-115-W-WP</b>	<b>115VAC multi-tone strobe 15cd, indoor/outdoor use, white</b>	<b>Vol. 24, Sec. 5</b>
<b>MTH-75-R-WP</b>	<b>Multi-tone Horn/Strobe, weatherproof</b>	<b>Vol. 24, Sec. 5</b>
<b>MTH-HMC-CR-WP</b>	<b>Multi-tone Horn/Strobe, ceiling, red, weatherproof</b>	<b>Vol. 24, Sec. 5</b>
<b>MTH-HMC-CW-WP</b>	<b>Multi-tone Horn/Strobe, white, weatherproof</b>	<b>Vol. 24, Sec. 5</b>
<b>MTH-HMC-R-WP</b>	<b>Multi-tone Horn/Strobe, red, weatherproof</b>	<b>Vol. 24, Sec. 5</b>
<b>MTH-HMC-W-WP</b>	<b>Multi-tone Horn/Strobe, white, weatherproof</b>	<b>Vol. 24, Sec. 5</b>
<b>MBDC-6</b>	<b>6" motor bell</b>	<b>Vol. 24, Sec. 7</b>
<b>MBDC-10</b>	<b>10" motor bell</b>	<b>Vol. 24, Sec. 7</b>
<b>AH-R</b>	<b>Audible horn, red</b>	<b>Vol. 24, Sec. 8</b>
<b>AH-W</b>	<b>Audible horn, white</b>	<b>Vol. 24, Sec. 8</b>
<b>AH-R-WP</b>	<b>Audible horn, red, weatherproof</b>	<b>Vol. 24, Sec. 8</b>
<b>AS-MC-CR</b>	<b>Audible horn / multi-candela strobe, ceiling, red</b>	<b>Vol. 24, Sec. 8</b>
<b>AS-MC-CW</b>	<b>Audible horn / multi-candela strobe, ceiling, white</b>	<b>Vol. 24, Sec. 8</b>
<b>AS-HMC-CR</b>	<b>Audible horn / HI multi-candela strobe, ceiling, red</b>	<b>Vol. 24, Sec. 8</b>
<b>AS-HMC-CW</b>	<b>Audible horn / HI multi-candela strobe, ceiling, white</b>	<b>Vol. 24, Sec. 8</b>
<b>AS-MC-R</b>	<b>Audible horn / multi-candela strobe, red</b>	<b>Vol. 24, Sec. 8</b>
<b>AS-MC-W</b>	<b>Audible horn / multi-candela strobe, white</b>	<b>Vol. 24, Sec. 8</b>

<b>SIEMENS Models</b>	<b>Signal Descriptions</b>	<b>Volume, Section</b>
AS-HMC-R	Audible horn / HI multi-candela strobe, red	Vol. 24, Sec. 8
AS-HMC-W	Audible horn / HI multi-candela strobe, white	Vol. 24, Sec. 8
AS-75-CR-WP	Audible horn/strobe 75cd, ceiling, red, weatherproof	Vol. 24, Sec. 8
AS-75-R-WP	Audible horn/ strobe, 75cd, red, weatherproof	Vol. 24, Sec. 8
AS-HMC-CR-WP	Audible horn / HI multi-candela strobe, ceiling, red, weatherproof	Vol. 24, Sec. 8
AS-HMC-R-WP	Audible horn / HI multi-candela strobe, red, weatherproof	Vol. 24, Sec. 8
AS-HMC-CW-WP	Audible horn / HI multi-candela strobe, ceiling, white, weatherproof	Vol. 24, Sec. 8
AS-HMC-W-WP	Audible horn / HI multi-candela strobe, white, weatherproof	Vol. 24, Sec. 8
NS-MC-CR	NS Horn / multi-candela strobe, ceiling, red	Vol. 24, Sec. 9
NS-MC-CW	NS Horn / multi-candela strobe, ceiling, white	Vol. 24, Sec. 9
NS-MC-R	NS Horn / multi-candela strobe, red	Vol. 24, Sec. 9
NS-MC-W	NS Horn / multi-candela strobe, white	Vol. 24, Sec. 9
NS-HMC-CR	NS Horn / HI multi-candela strobe, ceiling, red	Vol. 24, Sec. 9
NS-HMC-CW	NS Horn / HI multi-candela strobe, ceiling, white	Vol. 24, Sec. 9
NH-CR	NS Horn, ceiling, red	Vol. 24, Sec. 9
NH-CW	NS Horn, ceiling, white	Vol. 24, Sec. 9
ZH-R	Snap horn, red	Vol. 24, Sec. 9
ZH-W	Snap horn, white	Vol. 24, Sec. 9
ZH-MC-R	Snap horn / strobe, multi-candela, wall, red	Vol. 24, Sec. 9
ZH-MC-W	Snap horn / strobe, multi-candela, wall, white	Vol. 24, Sec. 9
ZH-HMC-R	Snap horn / strobe, HI multi-candela, wall, red	Vol. 24, Sec. 9
ZH-HMC-W	Snap horn / strobe, HI multi-candela, wall, white	Vol. 24, Sec. 9
ZH-MC-CR	Snap horn / strobe, multi-candela, ceiling, red	Vol. 24, Sec. 9
ZH-MC-CW	Snap horn / strobe, multi-candela, ceiling, white	Vol. 24, Sec. 9
ZH-HMC-CR	Snap horn / strobe, HI multi-candela, ceiling, red	Vol. 24, Sec. 9
ZH-HMC-CW	Snap horn / strobe, HI multi-candela, ceiling, white	Vol. 24, Sec. 9
HS-MC-R	HS horn / strobe, multi-candela, red	Vol. 24, Sec. 10
HS-MC-W	HS horn / strobe, multi-candela, white	Vol. 24, Sec. 10
HS-HMC-R	HS horn / strobe, HI multi-candela, red	Vol. 24, Sec. 10
HS-HMC-W	HS horn / strobe, HI multi-candela, white	Vol. 24, Sec. 10
HS-R	HS horn, red	Vol. 24, Sec. 10
HS-W	HS horn, white	Vol. 24, Sec. 10
MH-R	Mini-horn, red	Vol. 24, Sec. 11
MH-W	Mini-horn, white	Vol. 24, Sec. 11

<b>SIEMENS Models</b>	<b>Signal Descriptions</b>	<b>Volume, Section</b>
ZB-R	Snap surface box, red	Vol. 24, Sec. 6
ZB-W	Snap surface box, white	Vol. 24, Sec. 6
SBBS-R	Surface box, speaker, red	Vol. 24, Sec. 6
SBBS-W	Surface box, speaker, white	Vol. 24, Sec. 6
SBL2S-R	Surface box, speaker, red	Vol. 24, Sec. 6
SERS-R	Ext ring, speakers, red	Vol. 24, Sec. 6
SERS-W	Ext ring, speakers, white	Vol. 24, Sec. 6
SFPS-R	Semi-flush plate, red	Vol. 24, Sec. 6
SFPS-W	Semi-flush plate, white	Vol. 24, Sec. 6
SHBBS-R	Surface box, horn / strobes, red	Vol. 24, Sec. 6
SHBBS-W	Surface box, horn / strobes, white	Vol. 24, Sec. 6
SHMPS-R	Adapter plate, red	Vol. 24, Sec. 6
WBBS-R	Outdoor backbox, red	Vol. 24, Sec. 6
WBBS-R-3/4T-3/4B	Outdoor backbox, 3/4", red	Vol. 24, Sec. 6
WBBS-W	Outdoor backbox, white	Vol. 24, Sec. 6
WBBS-W-3/4T-3/4B	Outdoor backbox, 3/4", white	Vol. 24, Sec. 6
WFPAS-R	Flush plate, outdoor, red	Vol. 24, Sec. 6
WFPAS-W	Flush plate, outdoor, white	Vol. 24, Sec. 6
WFPS-R	Flush plate, outdoor, red	Vol. 24, Sec. 6
WFPS-W	Flush plate, outdoor, white	Vol. 24, Sec. 6
WPBBS-R	Outdoor backbox, red	Vol. 24, Sec. 6
WPS-KIT	Basket kit, outdoor	Vol. 24, Sec. 6
MT-SUR-BOX-W	Surface box, IN / OUT, white	Vol. 24, Sec. 6
APS-R	Adapter plate, red	Vol. 24, Sec. 6
DBBS-R	4" x 2 1/8" backbox, red	Vol. 24, Sec. 6
BBS-R	4" x 1 1/2" backbox, red	Vol. 24, Sec. 6

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 November 26, 2007, F.P. Index #0711008.

1. All uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Building Code, specifically Reference Standards RS 17-3, 17-5 and RS 4-6. Further, the installation of these appliances shall be in accordance with the manufacturer's recommendation and UL Standards.
2. Visual alarm signals shall have the following minimum photometry features:
  - a. The lamp shall be xenon strobe type.
  - b. The light source shall be clear or nominal white.
  - c. The maximum pulse duration shall be two-tenths of a second (0.2 second) with maximum duty cycle of forty percent (40%).
  - d. The flash rate shall be a minimum of 1 Hz and no more than 2 Hz.

3. These notification appliances shall be used only with listed and approved control panels with which the compatibility has been determined to be acceptable by UL test report.
4. Underwriters Laboratories, Inc.'s listing requirements shall be adhered to.
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 accepted for use, as provided in Section 27-131 of the New York City Building Code.

Note:

- A. While the intensity of some of the above-referenced strobe lights meets the minimum requirements of the New York City Building Code, it shall not be misconstrued to mean that these visual appliances comply with rules of other agencies having jurisdiction such as ADA. Our recommendation for the approval of the above lights is based primarily on the prescribed provisions of the New York City Building Code and no other rules, regulations or laws.
- B. Some of the above-referenced notification appliances are not painted red as required by Reference Standard RS 17-3.7. In compliance with these Building Code sections, where a particular premise would benefit from the installation of notification appliances that are not painted red, such authorization may be considered for the installation of such devices on a case-by-case basis. This consideration shall be reviewed when the building owner demonstrates a special circumstance and need.

Final Acceptance December 11, 2007.  
Examined By Donald [Signature]