



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 151-92-E Vol. 48

Manufacturer: Cooper Wheelock (formerly Wheelock, Inc.), 273 Branchport Avenue, Long Branch, N.J. 07740

Trade Name(s): Cooper Wheelock (Wheelock)

Product: Audible/visual devices for fire-protective signaling systems

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

Prescribed Test(s): UL 1971, 3rd Edition

Laboratory: Underwriters Laboratories, Inc.

Test Report(s):

1. For models ZNH, ZNS-MCW, ZNS-MCC, ZNS-MCWH and ZNS-MCCH – File E5946, Project 97NK20952 issued September 12, 1997, revised October 5, 2006.
2. For models ZRS-MCWH, ZRS-MCCH – File S5391, Projects 97NK5907 & 97NK6591 issued March 25, 1997, revised October 5, 2006.
3. For models ZRS-MCW & ZRS-MCC – File S5391, Project 01NK10555 issued July 6, 2001, revised October 5, 2006.

Description: Z series notification appliances with an easy snap on base, designed to simplify the installation and testing of the NH horns, RSS series strobes and NS series horn/strobes.

Model	Description
ZRS-MCW	24V Multi-Candela Strobe, 16-33 VDC/VRMS, 15/30/75/110cd, wall mount, indoor.
ZRS-MCC	24V Multi-Candela Strobe, 16-33 VDC/VRMS, 15/30/75/95cd, ceiling mount, indoor.

Model	Description
ZRS-MCWH	24V High-Intensity, Multi-Candela Strobe, 16-33 VDC/VRMS, 135/185cd, wall mount, indoor.
ZRS-MCCH	24V High-Intensity, Multi-Candela Strobe, 16-33 VDC/VRMS, 115/177cd, ceiling mount, indoor.
ZNS-MCW	24V Multi-Candela Horn Strobe, 16-33 VDC/VRMS, 15/30/75/110cd, wall mount, indoor.
ZNS-MCC	24V Multi-Candela Horn Strobe, 16-33 VDC/VRMS, 15/30/75/95cd, ceiling mount, indoor.
ZNS-MCWH	24V High-Intensity, Multi-Candela Horn Strobe, 16-33 VDC/VRMS, 135/185cd, wall mount, indoor.
ZNS-MCCH	24V High-Intensity, Multi-Candela Horn Strobe, 16-33 VDC/VRMS, 115/177cd, ceiling mount, indoor.
ZNH	12V Horn, 8-17.5 VDC/VRMS, wall or ceiling mount, indoor 24V Horn, 16-33 VDC/VRMS, wall or ceiling mount, indoor

Note: Product model codes are followed by two alpha or numeric characters indicating product lettering and product color.

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 28, 2007, F.P. Index #0703013.

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

1. All uses, configurations, arrangements and functions, application and installations comply with the provisions of New York City Building Code, specifically Subchapter 17 and Reference Standards 17-3 through 17-5. Further, the installation shall also be in accordance with manufacturer's recommendation, and the UL-standards.
2. These notification appliances shall be used only with MEA-approved control panels and accessories with which the compatibility has been determined to be acceptable by the Engineer of Record or a UL-test report.
3. Visual alarm signals shall have the following minimum photometry features:
 - a) The lamp shall be a xenon-strobe type
 - b) The light source shall be clear or nominal white.
 - c) The maximum pulse duration shall be two-tenth of one second (0.2 second) with a maximum duty cycle of forty percent (40%)
 - d) The flash rate shall be a minimum of 1Hz and no more than 2Hz
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 those tested and acceptable for use, as provided in Section 27-131 of the New York City Building Code.

Notes:

- (A) While the intensity of some of the above-referenced strobe lights meets the minimum requirements of the NYC Building Code, it shall not be misconstrued to mean that these visual appliances are in compliance with the 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 NYC 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 17-3.7. It is our position that in compliance with these Building Code sections, where a particular premise would benefit from the installation of notification appliances that are not painted red, this Department would recommend that such authorization 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.
- (C) 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 April 10, 2007
Examined By Donald [Signature]

