



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 404-04-E**

**Manufacturer:** Electronica BRK De Mexico De CV Avenue,  
Fernando Borreguero Y Lopez, Mateos Juarez  
Chihuahua, Mexico

**Trade Name(s):** First Alert and/or BRK Electronics

**Product:** Single and/or multiple station carbon monoxide  
alarms

**Pertinent Code Section(s):** Article 6, Section 27-968 thru 27-981, Reference  
Standards RS 17-13 and 17-14

**Prescribed Test(s):** ANSI/UL 2034

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** UL File E149738, Vol. 1

**Description:** Single and/or multiple station carbon monoxide alarms, Models CO5120BN and CO5120PDBN, 120V ac with a 9 Volt battery backup. Model CO5120PDBN has a digital display that indicates CO in parts per million (PPM).

#### **General Character:**

The product covered by this report is intended to detect an abnormal amount of carbon monoxide in the area in which it is installed and to operate an audible signal during this condition.

**Sensitivity –** It is intended that all alarms be factory-adjusted and sealed and will operate to produce a carbon monoxide alarm signal when sufficient carbon monoxide is present to contaminate the sensor. Models CO5120BN and CO5120PDBN Carbon Monoxide Alarms respond to carbon monoxide levels of 70 PPM, 150 PPM, and 400 PPM within 240, 50, 15 minutes, respectively.

**Electrical Ratings – Models CO5120BN and CO5120PDBN, 120V ac, 60Hz, 0.09A.**

**Secondary Power Source – One 9 Volt battery, from one of the following manufacturers, is accepted for use with the product: Duracell MC1604, Duracell MX1604 (Ultra), Eveready 522 (Energizer), or Lithium Ultralife U9VL-J.**

**Installation – The alarms are to be installed in accordance with the user’s manual and in a manner acceptable to the local inspection authority having jurisdiction, the National Electrical Code (NFPA 70) and the Recommended Practice for the Installation of Household Carbon Monoxide (CO) Warning Equipment (NFPA 720).**

**Testing – After installation, the operation of each unit should be checked by depressing the test button provided.**

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 1, 2004, F.P. Index #0408038A.

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

1. All uses, configurations, arrangements and functions, application, locations and installations comply with the provisions of New York City Building Code, specifically Subchapter 17 – Article 7, and Reference Standards 17-13 and 17-14.
2. The above products shall not be used with household or commercial fire alarm control panels or other system control panels and accessories.
3. UL and manufacturer’s installation, maintenance procedures 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 Building Code.

Final Acceptance September 5, 2006  
Examined By 

