



NYC Department of Buildings  
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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 307-05-E Vol. 2

**Manufacturer:** Fike Corporation, 704 South 10<sup>th</sup> Street, Blue Springs, MO 64015

**Trade Name(s):** Cheetah Xi

**Product:** Fire alarm/suppression equipment

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

**Test(s):** UL 864 9<sup>th</sup> Edition

**Laboratories:** Underwriters Laboratories, Inc.

**Test Report(s):** UL File S2203, Project 06CA60968 issued March 21, 2007.  
UL letter dated May 3, 2007.

**Description:** The Fike Cheetah Xi 50 (PN 10-071) is a state of the art, true addressable peer-to-peer fire suppression control system. It provides the latest technology in detection communication with extensive programmability in one cost effective system. Its intelligence has every device communicating as a peer on the signaling line circuit. This intelligence provides speed with response times between a manual pull station to notification appliance as little as one-quarter second.

Its flexibility provides you the freedom to attach the devices you require for your specific installation. The Cheetah Xi 50 has one signaling line circuit capable of communicating to 50 addressable devices.

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 May 22, 2007, F.P. Index No. 0705044.

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

1. All uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Building Code, specifically Subchapter 17, and Reference Standards 17-3, 17-3A, 17-3B, 17-3C, and 17-5. Further, the installation shall be in accordance with the manufacturer's recommendations, NFPA 72, and UL Standards.
2. When used with central office communicator/transmitter (DACT), the installation and operation of the equipment and devices shall comply with 3RCNY §17-01. It shall have the capability of transmitting separate and distinct signals to indicate manual pull station alarm, automatic detection alarm, sprinkler waterflow alarm, supervisory signal indications and trouble indications.
3. The connection of security/burglar devices and equipment to the fire alarm control unit is prohibited. A sign must be provided to indicate same.
4. Installation of pre-recorded evacuation messages in the fire alarm control unit would require a prior approval from the Department.
5. Only enclosures (Part #10-2541) painted red in color shall be used.
6. When the control unit is used for CO<sub>2</sub> releasing applications, the following shall be complied with:
  - a. All safety precautions stating in NFPA 12 shall be strictly followed.
  - b. Provide signs at every entrance to protected space as follows:

**WARNING: DO NOT ENTER THE PROTECTED PREMISE SPACE UNLESS PHYSICAL LOCKOUT OR OTHER SAFETY PROCEDURES ARE FULLY COMPLETED. DO NOT USE SOFTWARE DISABLE FUNCTIONS IN THE PANEL AS LOCKOUT.**
7. The Cheetah Xi 50 and associated fire alarm equipment shall be used only with listed and approved/accepted devices and accessories with which the compatibility has been determined to be acceptable by the Engineer of Record or a UL test report.
8. **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 for in Section 27-131 of the New York City Building Code.**

Final Acceptance July 2, 2007.  
Examined By Donald Afd