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**

**Manufacturer:** Fike Corporation, 704 South 10th 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 9th Edition

**Laboratories:** Underwriters Laboratories, Inc.; Factory Mutual.


**Description** – Fike’s new Cheetah Xi (10-068) Suppression control system is a digital, peer-to-peer, bi-directional communication system, revolutionary in its speed, intelligence and flexibility. The Cheetah Xi is ideal for all life safety and property protection applications, it is intended for both commercial and industrial use. The Cheetah Xi cuts alarm response time to as little as one-quarter second. Unit has 2, 24 VDC, 2 A bell circuits with System Sensor or Gentex Synch protocol. Unit has 254 user defined zones. Unit has one person Walktest capability. Cheetah Xi has 80 Character (4x20) Backlit LCD display and 10 Status LEDs to easily identify system status. Optional point ID DACT module available. 6 amps usable alarm power with expandable to 12 amps (2A standby Expandable to 4).

Operation from 120vac/60 Hz or 240vac/ 50 Hz. 3, 24 VDC, 2A Aux power outputs 2 continuous & re-settable. 2 SLC loops, expandable to 4, NFPA Style 4 or 6. 254 devices per loop, system maximum 1016 devices with SLM(Supplemental loop module). Drill function at panel or remote. Supports up to 31 peripheral devices such as Remote Display, LED Graphic and Zone Annunciators.
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**

**Manufacturer:**
Fike Corporation, 704 South 10th 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 3rd Edition

**Laboratories:**
Underwriters Laboratories, Inc.; Factory Mutual.

**Test Report(s):**

**Description**—Fike’s new Cheetah Xi (10-068) Suppression control system is a digital, peer-to-peer, bi-directional communication system, revolutionary in its speed, intelligence and flexibility. The Cheetah Xi is ideal for all life safety and property protection applications, it is intended for both commercial and industrial use. The Cheetah Xi cuts alarm response time to as little as one-quarter second. Unit has 2, 24 VDC, 2 A bell circuits with System Sensor or Gentex Synch protocol. Unit has 254 user defined zones. Unit has one person Walktest capability. Cheetah Xi has 80 Character (4x20) Backlit LCD display and 10 Status LEDs to easily identify system status. Optional point ID DACT module available. 6 amps useable alarm power with expandable to 12 amps (2A standby/Expandable to 4).

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MEA 307-05-E Page 1 of 5
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. The above referenced fire suppression control unit must provide for a fail-safe operation. This feature must assure that control of doors, locks, ventilation fans, and elevator recall will not be rendered inoperable in the event of a fire or power failure.

3. The above referenced control unit must be installed with compatible and approved/accepted appliances that can generate three pulse temporal pattern signal (ANSI S3.41 signal) or other evacuation signal as required by Fire Department.

4. The control unit when used with central office communicator/transmitter (DACT part #10-2476), 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 water flow alarm, supervisory signal indications and trouble indications.

5. The connection of security/burglar devices and equipment to the fire alarm control unit is prohibited. A sign must be provided to indicate same.

6. Installation of pre-recorded evacuation messages in the fire alarm control unit would require a prior approval from the Department.

7. The Remote Display (Part #10-2321) is acceptable under the condition that all controls of fire alarm shall be removed from this unit except the “ACKNOWLEDGE” function.

8. Only enclosures (Part #10-2541) painted red in color shall be used.
9. When the control unit is used for CO₂ 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.

10. The above referenced 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.

   Please note that voice evacuation system Model FGX-MP/DP is multiple listed under Fike Corporation. Original listing and MEA acceptance is for Model HMX-MP/DP manufactured by Evax Systems. Installation of this product shall be in accordance with the requirements of original MEA acceptance #277-96-E Vol. II, of which a copy is attached.

   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 Building Code.

   Final Acceptance  [Signature]  January 26, 2006

   Examined by  [Signature]
Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Satish K. Babbar, R.A., Acting Commissioner
MEAS 277-96-E Vol. III
Report of Material and Equipment Acceptance Division

Manufacturer - EVAX Systems, 33 Chestnut Street, New Haven, CT 06511.
Trade Name - EVAX Systems, Gamewell Company.
Product - Fire alarm audio adjunct system.
Prescribed Tests - UL 864, UL 1711.
Laboratory - Underwriters Laboratories Inc.

Description - The HMX-MP and -DP form a distributed panel system that can be interconnected to form a fire command station. A microphone is provided on the HMX-MP. Audio signals are converted to digital and transmitted to the HMX-DP. This digital signal in the -DP is amplified by the EVX-25 or -50. The audio is then converted back to analog and passed through the MBR and out to the speakers. The various control unit models differ in the following manner: The HMX-MP is the master panel in the system, while the DP is the distributed panel. Each system is modular in construction. The system is appropriate for use in low-coded, hi-rise, and low-rise applications. A complete listing is as follows:

<table>
<thead>
<tr>
<th>Basically listed for</th>
<th>EVAX Model No.</th>
<th>Description</th>
<th>Multiple Listed Gamewell Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMX-MP</td>
<td></td>
<td>Master Panel</td>
<td>GV-MP</td>
</tr>
<tr>
<td>HMX-DP</td>
<td></td>
<td>Distributed Panel</td>
<td>GV-DP</td>
</tr>
<tr>
<td>PWR-2A</td>
<td></td>
<td>Power Supply</td>
<td>GV-PWR-2A</td>
</tr>
<tr>
<td>MFP</td>
<td></td>
<td>Master Fire Phone Card</td>
<td>GV-MFP</td>
</tr>
<tr>
<td>OEC</td>
<td></td>
<td>Data Communication Control Card</td>
<td>GV-DCC</td>
</tr>
<tr>
<td>ASC</td>
<td></td>
<td>Audio System Control Card</td>
<td>GV-ASC</td>
</tr>
<tr>
<td>SSC</td>
<td></td>
<td>Switch Scan Card</td>
<td>GV-SSC</td>
</tr>
<tr>
<td>MMC</td>
<td></td>
<td>Microphone Master Control Card</td>
<td>GV-MMC</td>
</tr>
<tr>
<td>IOI</td>
<td></td>
<td>Input/Output Card</td>
<td>GV-IOI</td>
</tr>
<tr>
<td>SLG</td>
<td></td>
<td>Switch and LED Card</td>
<td>GV-SLC</td>
</tr>
<tr>
<td>MFP</td>
<td></td>
<td>Master Fire Phone Handsel. Card</td>
<td>GV-MFP</td>
</tr>
<tr>
<td>MBR</td>
<td></td>
<td>MotherBoard Card</td>
<td>GV-MBR</td>
</tr>
<tr>
<td>AMI</td>
<td></td>
<td>Audio Module Interface Card</td>
<td>GV-AMI</td>
</tr>
<tr>
<td>FDI</td>
<td></td>
<td>Fire Phone Interface Card</td>
<td>GV-FDI</td>
</tr>
<tr>
<td>MBR</td>
<td></td>
<td>MotherBoard/Relay Card</td>
<td>GV-MBR</td>
</tr>
<tr>
<td>EVX-25</td>
<td></td>
<td>25 Watt Amplifier (MEA 277-96-E Vol. II)</td>
<td>N/A</td>
</tr>
<tr>
<td>EVX-50</td>
<td></td>
<td>50 Watt Amplifier (MEA 277-96-E Vol. II)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

MEA 277-96-E 1 of 2

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Recommendations - That the above units be accepted on condition that all uses, configurations, arrangements and functions, locations and installations comply with the New York City Building Code, specifically subchapter 17 and with Reference Standards RS 17-3 through RS 17-3c, NFPA 72, UL 864 Standard, manufacturer's instructions, Fire Department Rules and the Electrical Code of the City of New York, and on further condition that:

(a) The use, installation and application of the EVX-25 systems, when used with Prerecorded voice messages, shall be restricted exclusively to connection with a BSA/MEA approved compatible Class E, Class J or Class C systems.

(b) The Fire Command Station or Control Panel shall have the capability of manually overriding any functions of the EVX-25 and EVX-50 systems.

(c) Prior to the installation of the Digital Recorded Automatic Voice Evacuation Message with the EVX-25 and EVX-50 systems, a specific approval for a specific installation must be from the Fire Department.

(d) A priority voice message matrix must be submitted to the Fire Department for approval before the installation is performed and shall include the following information:

- the duration of each message;
- the content of each message;
- the duration of the audible and visual alarm signals prior to the initiation of the subsequent prerecorded message transmission;
- the interval between the cessation of the audible and visual alarm signals and the generation of the prerecorded message.

(e) Power supply wiring to the EVX-25 and EVX-50 shall be installed in the same conduit containing the input and output wiring.

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 for in section 27-131 of the Building Code.

Final Acceptance, November 29, 2001
Examine by, [Signature]

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