



FIRE DEPARTMENT

9 METROTECH CENTER

BROOKLYN, N.Y. 11201-3857

CERTIFICATE OF APPROVAL # 6018 **THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE** **AND EXPIRES ON December 28, 2011**

December 29, 2008

Mr. Nathaniel Mlika
Compliance Coordinator
Fike Protection Systems
704 South 10th Street
Blue Springs, MO 64015

F.P. Index#: 0811035B
FPIMS#: 28207918

Dear Mr. Mlika:

By order of Fire Commissioner Nicholas Scopetta, and pursuant to Section FC 112 of the New York City New Fire Code, the following equipment or system is accepted for use provided the conditions as outlined below are in full compliance.

Manufacturer:	Fike protection Systems
Trade Name:	Fike
Product:	Fire Alarm, Fire Suppression Equipment compatible with CyberCat 254, CyberCat 1016, Cheetah XI*
Model Number(s):	10-2658 6 Zone Smoke Control Module 10-2659 Input/Output Module 10-2660 20 Zone Annunciator 10-2663 Smoke Control Graphic Controller 10-2665 Smoke Control Switch and LED Driver Card 10-2667* Remote 20 Zone Annunciator 10-25XX FSCS
Pertinent Code Section(s):	Section FC 901 of the New York City New Fire Code
Prescribed Tests:	UL 864 9 th Edition, NFPA 72
Laboratories:	Underwriters Laboratories, Inc.
Report(s):	For 10-2658, 10-2659, 10-2663 and 10-2665 UL File S2203 Volume 18, issued 2004-11-01, revised 2008-10-15 For 10-2660 and 10-2667 UL File S3217 Volume 8, issued 2007-11-15, revised 2008-10-09 For 10-25XX FSCS UL File S2203 Volume 20, issued 2008-10-15 For 10-2667 compatible with Cheetah XI UL File S2203 Volume 18, issued 2004-10-27, revised 2008-10-09

- * **Remote 20 Zone Annunciator 10-2667 the only model, that is compatible with both CyberCat 254, CyberCat 1016 and Cheetah XI Fike intelligent control panels. The rest of above models are compatible only with CyberCat 254, CyberCat 1016 panels.**

Description: Fike's Six Zone Smoke Control Module (Fike P/N 10-2658) is used with Fike's intelligent control systems to provide manual On-Auto-Off controls that are required for a smoke control system. Each control switch and LED can be programmed to provide individual control and status indication of individual pieces of smoke control equipment or multiple pieces of control equipment within a smoke control zone (controls up to a maximum of 25 relays per switch).

Input/Output Module (Fike P/N 10-2659) is used with Fike's intelligent control systems to provide manual On-Off controls that are required for smoke control and other critical equipment associated with a fire alarm system. It also can be used to provide user configurable control inputs to the fire alarm system.

20 Zone Annunciator (Fike P/N 10-2660) is used with Fike's intelligent control systems to provide annunciation for up to twenty zones. The module provides a tabular display that incorporates 20 red alarm and 20 yellow trouble/supervisory LEDs.

Smoke Control Graphic Controller (P/N 10-2663) provides the interface between the smoke control graphic panel and Fike's CyberCat 254 and 1016 control systems. Each module can control and monitor up to six smoke control zones or individual pieces of smoke-control equipment (e.g., fans or dampers).

Remote 20 Zone Annunciator (Fike P/N 10-2667) is used with Fike's intelligent control systems to provide remote annunciation for up to twenty zones at a location remote from the control panel. The module provides a tabular display that incorporates 20 red alarm and 20 yellow trouble/supervisory LEDs. Each LED is programmable and can provide visual indication of alarm, trouble, supervisory conditions for zones or individual points.

10-25XX Fike's Smoke Control Graphic Panel provides an intuitive easy-to-use interface to the HVAC system for emergency responders to use to manually control the operation of fans, dampers, and other equipment installed for controlling smoke movement within a facility.

Conditions of Approval:

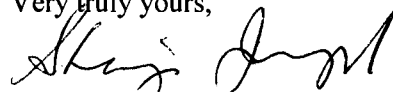
1. All uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Construction Codes, specifically Building Code Chapter 9, Reference Standard Section BC Q106, and Mechanical Code. Further, the installation shall be in accordance applicable provisions of New York City Fire Code, New York City Electrical Code, manufacturer's recommendations and UL Standard 864.
2. The above-referenced modules shall be used only with listed and approved fire alarm equipment with which the compatibility has been determined by UL test reports.

3. All communication wiring from fire alarm control panel to smoke control system shall be plenum rated and shall be installed in RMC, IMC, or EMT and shall be monitored for integrity.
4. In Remote Annunciator models 10-2660 (20 Zone Annunciator) and 10-2667 (Remote 20 Zone Annunciator) all control functions shall be disabled; only alarm acknowledged functions shall be active.
5. Underwriters Laboratories Inc.'s listing requirements and limitations shall be complied with.
6. Certificate of Approval number shall be plainly and permanently stamped or otherwise fixed upon each product by the applicant.
7. The Fire Department's conditions of approval shall be enumerated in the installation manuals and brochures that will be provided to all New York City buyers and users.
8. Fire Department Certificate of Approval does not constitute an endorsement or recommendation of your product by the Fire Department, but is a certification that your product is acceptable as of the date of issuance.
9. The Fire Department reserves the right to withdraw this approval at any time in the event there is a reasonable doubt that the product does not operate or perform as required by code, the conditions of this resolution or as represented in your application.
10. As the manufacturer of this material, you should be aware that any end user who fails to comply with the condition as outlined in the approval would be subject to enforcement action, which may include fines and imprisonment.

Any change in company name or ownership, product name, design or model number of any product included on this certificate must be immediately reported to this Department in writing.

When responding to this Department regarding this subject matter, kindly refer to F.P. Index #0811035B and to my attention, 9 MetroTech Center #3N-06-K, phone (718) 999-1415.

Very truly yours,



Shaji K. Joseph
Deputy Chief Inspector
Technology Management

c: Tamara Saakian, P.E., Director of Engg.

SJ: IC/0811035