

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

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

Patricia J. Lancaster, A.I.A., Commissioner

MEA 345-02-E

Report of Material and Equipment Acceptance Division

Manufacturer - Notifier, 12 Clintonville Road, Northford, CT 06472-1001.

Trade Name – Notifier.

Product - Fire Alarm Equipment.

Pertinent Code Sections - 27-968 thru 27-977, RS 17-5 ANSI/NFIPA/No. 72.

Test(s) - RS 17-5 ANSI/NiPA No. 72; UL 864.

Laboratory - Underwriters Laboratories, Inc.

Test Report(s) - UL Report S635, Project 02NK03530, Volume 46, Sec. 1, Issued May 7, 2002, revised August 26, 2002.

Description -The NFS-3030 is an intelligent addressable fire alarm system. It has ten signaling line circuits (SLCs) and has the capability of supporting 159 detectors and 159 modules per SLC for a total capacity of 3,180 intelligent addressable devices. The NFS-3030 may also be employed as a control unit for releasing devices, , i.e. control units for use with separately listed automatic fire detectors and releasing devices to form electrically supervised releasing systems. The following equipment is compatible and used with the NFS-3030:

<u>Model</u>	<u>Description</u>	<u>S635 Volume 46 Sec.1 Page</u>
AA-30/-100/-120	Audio Amplifiers*	III. 3 page 14
ABS-8RB	Enclosure	III. 3 pg. 40
ACM-8R/-16AT	Annunciator Control Modules*	III. 3 pg. 14
/-24AT/-32A/-48A	" " " "	" " " "
ACPS-2406	Power Supply*	" " " "
ACT-1/-2	Audio Coupling Transformers*	" " " "
AEM-16AT/-24AT	Annunciator Expander Modules*	" " " "
/-32A/-48A	" " " "	" " " "
AFM-16A/-16AT/-32A	Annunciator Fixed Modules*	" " " "
AKS-1B	Annunciator Key Switch*	" " " "
AMG-1/-E	Audio Message Generators*	" " " "
AMPS-24	Addressable Main Power Supply	Sec. 1 pg. 3, III. 7
APS-6R	Auxiliary Power Supply*	" " " "
ARM-4	Auxiliary Relay Switch*	" " " "
BB-25	Cabinet	III. 7 pg. 11
BMP-1	Blank Module*	Sec. 1 pg. 5
BP-4	Battery Dress Panel*	III. 3 pg. 13

BX-501	Intelligent Detector/Sensor Base*	III. 3 page 14
B-501	Intelligent Base*	" " " "
B710LP	Intelligent Detector Base	" " " "
BGRA/BGRB/CEF/ RSA/RSB/RSC/RSD/ RSE-SCS	Smoke Control Station Enclosures	Sec. 1 pg. 2
BMP-1	" " " " "	" " " "
CAB-4 Series	Blank Module*	III. 3 pg. 13
CHG-120	Enclosures ("R" suffix for red)*	Sec. 1 pg. 17
CHS-4L/-4MB/-M3	Battery Charger*	III. 3 pg. 14
CPU-3030D	Chassis*	III. 3 pg. 13
CPU-3030ND	NFS-3030 CPU Module w/Display	Sec. 1 pg. 1
CRE-4	NFS-3030 CPU Module w/o/Display	" " " "
CRM-4RK	Control Relay Expander Module*	III. 3 pg. 14
CRT-2	Control Relay Module*	" " " "
DCM-4RK	Video Display with Keyboard*	Sec. 1 pg. 10
DP-1B	Dual Monitor Module*	III. 3 pg. 14
DP-DISP	Blank Dress Plate*	Sec. 1 pg. 5
DPDW-1B	Display Dress Plate	III. 3 pg. 13
DPI-232	Double Well Dress Panel*	Sec. 1 pg. 5
DPSW-1B	Direct Panel Interface (MEA 253-02-E)	Sec. 1 pg. 7
FAPT-751	Single Well Dress Plate*	Sec. 1 pg. 7
FCM-1	Photo/Heat Detector*	III. 3 pg. 14
FCPS-24	NAC Control Module*	" " " "
FFT-7/-7S	Field Charger/Power Supply*	" " " "
FHS	Fire Fighter's Telephones*	" " " "
FMM-1	Fireman's Handset*	" " " "
FMM-101	Monitor Module*	" " " "
FPJ	Mini-monitor Module*	" " " "
FRM-1	Fireman's Phone Jack*	" " " "
FSI-751	Relay Module*	" " " "
FSP-751	Ion Detector*	" " " "
FSP-751T	Photo Detector*	" " " "
FST-751/-751R	Photo Detector w/ Thermal Detector*	" " " "
FZM-1	Thermal Detector*	" " " "
ICE-4	Monitor Module (457-99-E)	" " " "
ICM-4RK	Indicating Control Expander*	" " " "
ISO-X	Indicating Control Module*	" " " "
IZE-A	Loop Fault Isolator Module*	" " " "
IZM-4RK	Initiating Zone Expander (290-91-E Vol. V)	Sec. 1 pg. 7
LCD-80	Initiating Zone Module*	" " " "
LCM-320	Liquid Crystal Display Module*	III. 3 pg. 14
LDM-32/-E32/-R32	Loop Expander Module	Sec. 1 pg. 2
LEM-320	Lamp Driver Modules*	III. 3 pg. 14
MP-1B	Loop Expander Module*	" " " "
MPS-24B	Dress Panel Module*	Sec. 1 pg. 17
NBG-12LX	Power Supply (290-91-E)	Sec. 1 pg. 9
PRN-5	Pull Stations (67-02-E)	III. 3 pg. 1
R-120/-2.2K/-27K /-470/-47K	80 Column Printer*	III. 3 pg. 14
RA-400/-400Z	End of-Line Resistors*	" " " "
RKS-S	" " " " "	" " " "
RPJ-1	Remote Annunciators*	" " " "
RPT-485W	Remote Security Switch	" " " "
	Fireman's Phone Jack*	" " " "
	EIA-485 Repeater (Wire)*	" " " "

RPT-W	Repeater (wire) (MEA 261-93-E)	Sec. 1 pg. 6
RM-1/-1SA	Remote Microphones*	" " " "
SCS-8, SCE-8	Smoke Control System	" " " "
STS-1	Tamper Switch*	" " " "
TM-4	Transmitter Module*	" " " "
TR-A4/-BR/-C4/-D4	Trim Ring*	Sec. 1 pg. 5
UDACT	Universal Dig Alarm Comm/Transmitter*	" " " "
UZC-256	Universal Zone Coder*	" " " "
VCE-4	Voice Control Expander*	" " " "
VCM-4RK	Voice Control Module*	" " " "
VP-2B	Filler Dress Plate*	Sec. 1 pg. 5
VS4095	Keltron Remote Printer	Ill. 3 pg. 35
XP5-C	Transponder Control Module*	" " " "
XP5-M	Transponder Monitor Module*	" " " "
XPC-8	Transponder Control Module*	" " " "
XPDP	Transponder Dress Panel*	Sec. 1 pg. 5
XPIQ	Quad Intelligent Audio Transponder*	" " " "
XPM-8/-8L	Transponder Monitor Module*	" " " "
XPP-1	Transponder Processor*	" " " "
XPR-8	Transponder Relay Module*	" " " "

Note: "*" = MEA 317-01-E

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 April 3, 2003, F.P. Index No. 0210046A.

Recommendation - That the above units be accepted on condition that all uses, configurations, arrangements and functions, applications and installations shall comply with the New York City Building Code, specifically Subchapter 17 and Reference Standard RS 17-3, the UL Listing, and on further condition that:

1. The control panel in this application shall be used only with listed and approved accessories with which the compatibility has been determined by the Engineer of Record or a UL test report.
2. Fire Alarm Control Unit NFS-3030, when used in a network configuration 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 condition.

The design for the installation of Control Unit NFS-3030, where installed as a Fire Command Station, in occupancies such as high rise office buildings, hotels and department stores must employ Class "A" wiring method (Style 6 or 7), with at least one isolator provided for each floor. No more than 25 initiating devices shall be acceptable for each isolator.

3. Notification appliances must be wired Class A, (Style Z) with at least one isolator provided for each floor. No more than 25 notification appliance units shall be acceptable for each isolator.

- Note: A) Tee taps are unacceptable on Style 6 and 7.
B) Running return wires in the same feeding conduit is unacceptable. The return conduit must be at least 7 feet apart from the supply conduit.

For other occupancies where installed as an IFA control panel, Style 4 wiring method would be acceptable with a condition that the design shall provide for the installation of one isolator for each floor and at each Tee Tap. No more than 25 initiating devices or notification appliance units shall be acceptable for each isolator.

When used with a central office communicator or a transmitter, 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.

The connection of security/burglar devices and equipment to a fire command station is prohibited. A sign must be provided to indicate the same.

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 May 29, 2003
Examined by Donald [Signature]