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APPROVAL REPORT

**Central Station Service
Monitoring Only (Fire)**

Prepared for:

**Criticom Monitoring Services
11130 Holder St., Suite #200
Cypress, CA 90603**

Project ID: 3036506

Class: 3011

Date of Approval: 5 November 2009

Authorized by:

J. E. Marquardt

James E. Marquardt, Group Manager, Electrical

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**APPROVAL EXAMINATION OF CENTRAL STATION SERVICE (FIRE)
 OF Central Station - Monitoring Only Company (Fire)**

APPROVAL EXAMINATION OF CENTRAL STATION SERVICE (FIRE) OF Central Station - Monitoring Only Company (Fire)		CLASS No. 3011
CENTRAL STATION/CLIENT NAME Criticom Monitoring Services	JOB IDENTIFICATION 3036506	TOTAL NUMBER OF PAGES 4
STREET ADDRESS 11130 Holder St., #200	INVESTIGATOR Michael J. Grossman	SIGNATURE <i>Michael J. Grossman</i>
CITY, STATE, ZIP CODE Cypress, CA 90630	REPORT DATE October 26, 2009	EXAMINATION DATE(S) October 5 th , 2009
TELEPHONE NUMBERS USED BY SUBSCRIBERS 305.223.2561	NEXT EXAM DUE 2012	REPORT REVIEWED BY <i>Bob Kelly</i>
CONFERRED WITH (Names and Titles) Mr. Tony Navarro, Customer Operations Manager	APPROVAL CONTACT (Name and Title) Mr. Tony Navarro, Customer Operations Manager	
This central station company contracts to provide central station service (fire) according to FM Approval Standard 3011 by performing the monitoring, re-transmission, associated record keeping, and reporting of signals with their own personnel and contracting the installation, maintenance and testing services to an Approved Fire Alarm Service—local company. The required runner service may be provided by either the Approved central station company with its own personnel or the Approved local company with its own personnel. The monitoring only company acting as prime contractor has the additional responsibility of controlling the installation and markings according to the requirements of FM Approvals Standard 3011. The station, equipment, personnel, procedures records and representative installation techniques have been examined. Subject to the conditions herein, Approval of this central station service will be effective when the appropriate agreement is signed and received by FM Approvals.		
MANAGEMENT OF CENTRAL STATION (Names and Titles)		
1. Mr. Tony Navarro, Customer Operations Manager		
2. Mr. John Palmero, Customer Operations Manager		
3. Mr. Robert Schott, Tech Support Rep. III		
4.		
5.		

I. MARKING OF INSTALLATIONS	See Section
Suitable means and method are required for central station personnel to mark prominently those installations that have contracted to receive "standard service", conforming to Approval Standard 3011 (1999) and ANS/INFA 72 (1996).	
The central station can provide serialized Placards that comply with the requirements of Standard 3011. [Yes/No]	NO IX.a
The central station maintains a Log of all Placards by Serial No., with the status of the service provided (active/discontinued) identified.	NO IX.a
The central station management understands that installations not marked by serialized Placards may be presumed to be non-standard by a jurisdictional authority.	YES IX.a
The number of active Placarded accounts from serialized log is [0] out of an approximate total of [20,000] subscribing commercial and industrial fire properties.	IX.a

II. CENTRAL STATION BUILDING CONSTRUCTION AND PROTECTION	See Section
The central station is located on the [2nd] level of a [two] story building.	
The building has a non-combustible or fire resistive roof.	YES
The building has other tenants.	YES
The building has automatic sprinklers.	YES
Building construction is satisfactory.	YES
Central office and vital equipment are subject to flooding or other water damage.	YES
Central office access is suitably restricted.	YES
Portable fire extinguishers are located in the central office.	YES
Portable fire extinguishers are located near power, battery, generator rooms/enclosures.	YES
Fire suppression system is in place for automation system and meets applicable requirements.	N/A
Central station has an automatic fire alarm system in areas not continuously occupied.	YES
Central office has emergency lighting.	YES

II. CENTRAL STATION BUILDING CONSTRUCTION AND PROTECTION		See Section
Emergency lighting is available for power room, generator(s).		YES
Emergency lighting is tested monthly with records maintained.		YES
Central office has clocks and/or date-time stamps.		YES

III. EXTERNAL CIRCUITS AND PROTECTION		See Section
Telco cable is suitably protected within 150 ft. (45 m) of building.		YES
Cable routing into building is [underground/overhead].		Underground
If Overhead, the minimum height above grade of overhead cable is [N/A] ft. ([N/A] m).		
Cable within 18 ft. (5.5 m) of grade or 10 ft. (3.3 m) from accessible roofs, stairs, etc., is protected by suitable metal conduit or equivalent.		N/A

IV. CENTRAL STATION PROCEDURES		See Section
At least two persons are on duty in the central office at all times.		YES
Records of all alarm, supervisory, trouble and test signals including date and time received are made and retained for at least one year.		YES
All waterflow and fire alarm signals are immediately relayed to the municipal alarm headquarters.		YES
All supervisory and trouble signals affecting service to a protected property result in prompt notification to the subscriber or pre-arranged designate.		YES
Notice to jurisdictional authority(ies), if known, is made when sprinkler system(s) or supervision thereof has been out of service for more than 8 hours.		YES
Trouble conditions are investigated promptly and means are provided to initiate repair service within 4 hours during days, nights, weekends and holidays.		YES
The means of communication to municipal alarm headquarters consist of: Primary Communication by [N/A] and secondary is via [N/A]		
The central station will provide, upon request by applicable jurisdictional authority, installation specifications and records of any signals received from subscribing properties.		YES

V. POWER SUPPLY FOR CENTRAL STATION OPERATIONS		See Section
Primary power is supplied via suitably protected cable.		YES
Unusual conditions are:		None
Operation via secondary power source is indicated in central office.		YES
Secondary power supply(ies) is/are capable of sustaining vital CS operations for at least 60 hours.		YES
Batteries are adequately protected and maintained.		YES
Batteries are marked with installation and replacement dates.		YES
Overcurrent and excess charge rate protection is provided for batteries.		YES
Batteries are tested each month under maximum normal load for one-half hour or 5 minutes, as applicable.		YES
Battery test records are retained for at least one year.		YES
Battery chargers have adequate capacity and are properly maintained.		YES
UPS and UBS units are capable of supplying the maximum connected loads.		YES
Permanently connected, engine-driven generator(s) is/are rated at [1] KW.		200 kW + 200 kW
Generator(s) is/are fueled by [DEISEL] from a [storage tank].		
If fuel is supplied by an on-site storage tank, the [500] [gallon] tank provides [60] hours of run time.		
Adequate generator fuel supply is available.		YES
Operation of each generator is indicated in central office.		YES
Generator(s) is/are located in adequately ventilated location(s) where operation will not interfere with central office functions.		
Generator(s) is/are arranged for automatic starting.		YES

V. POWER SUPPLY FOR CENTRAL STATION OPERATIONS		See Section
Generator(s) is/are provided with dedicated starting battery.		YES
Generator(s) is/are provided with dedicated battery charger.		YES
Each generator is tested by operation under maximum normal load for one-half hour each week.		YES
Generator test records are retained for at least one year.		YES
Generator(s), batteries, and other power supplies are located in secure areas.		YES
Portable generator rated [N/A] KW is readily available for use.		N/A
Portable generator instructions are posted.		YES

V. a. CENTRAL STATION BATTERIES							
Battery	Function	Bank Voltage	Mfg. & P/N	Rated AH	Max. Normal Load (A)	Hours of Operation	Charger Output (A)
Bank 1	UPS	480	HX-205-FR	88	47	15 min	5
Bank 2						N/A	
Bank 3						N/A	

V. b. CENTRAL STATION UPS						
UPS	Function	Output (Vac & kw)	UPS and Battery information (Mfg, Model)	Battery (Vdc & AH)	Hours of Operation	Method of determining Hrs of Op.
No. 1	Rcvrs & Automation	120 5	Powerware, HX205-FR batteries	480 88	15 min	Mfg. Specs.
No. 2					N/A	N/A
No. 3					N/A	N/A

VI. CENTRAL OFFICE EQUIPMENT		See Section
FM Approved signal receiving equipment is:		Radionics D6600 (2+1 spare) and Surguard System III (4 + 3)
Other signal receiving equipment is:		Osborne Hoffman OH-2000E, DMP SCS-1R, Surguard SG-DL2A
Signal processing is [manual/automated/automated with manual back-up].		Automated
The automation equipment is:		MAS Ver. 6.22
The automation equipment is [FM Approved/NRTL listed].		NRTL
Duplicate signal processing and recording equipment which can be put into service within 30 seconds is:		Radionics D6600, Surguard System III, MAS
Duplicate signal processing and recording equipment which can be put into service within 30 minutes is:		N/A

VII. PROTECTED PREMISES OPERATIONS		See Section
The central station company understands that only protected premises with services contracted via an FM Approved - Local Company can be considered for Placarding.		YES
The central station company properly identifies all FM Approved and Placarded accounts.		YES

VIII. APPROVAL LIMITATIONS	
FM Approval of central station service is limited to those installations where the protective signaling equipment, wiring, maintenance, testing, supervision and response thereto are entirely in accordance with the requirements of FM Approval Standard 3011 (1999) and NFPA 72 (1996).	

VIII. APPROVAL LIMITATIONS

VIII. a. LIMITATIONS ON AREA

In order to assure prompt inspection, maintenance and equipment repair at protected properties, this Approval is limited to the area within 4 hours travel time (200 mi, 320 km) of the location(s) from which maintenance and repair personnel are dispatched. Approval is further limited to those properties at which inspection personnel (runners) can be dispatched to arrive within 1 hour to reset protected property equipment and to investigate supervisory signals. The FM Approved Local Companies that provide this service are for this central station company are:

N/A - This company is a Monitoring Only facility and as such, service is provided via other FM Approved Local Alarm Installers, not by this Monitoring Only Company.

VIII. b. OTHER LIMITATIONS RESULTING FROM UNUSUAL CONDITIONS

VIII. c. DEFICIENCIES NEEDING CORRECTION FOR CONTINUED APPROVAL

The improvements described IX. c.1 and IX. c.2 are required based on the findings obtained during the examination. All corrections should be made within 30 days. Those in Section c.1 will be confirmed during the next examination visit. For those in Section c.2, completion of the corrective actions and written notification of same must be received by FM Approvals before the date shown. Non-compliance will be sufficient cause for withdrawal of this Approval.

VIII. c.1 IMPROVEMENTS NEEDED FOR CONTINUED APPROVAL:

VIII. c.2 IMPROVEMENTS NEEDED FOR CONTINUED APPROVAL:

Written notification of completion required to be received at FM Approvals by:

IX. COMMENTS

A) - As a Monitoring Only facility, this company understands that it is the responsibility of the Installation Company to maintain all aspects of the Placard program.

B) - Both Primary and Secondary generators are oil fueled and are under special emergency delivery contracts. Back-up or redundant 500 gal tanks are provided for each generator set.

C) - Service via the non FM Approved Surgard, Osborne Hoffman and DMP receivers is not allowed.