

FIRE ALARM INSPECTION AND TESTING FORM			
Date of Inspection:	11/13/2024	Time of Inspection:	8:00am-12:00PM
1. PROPERTY INFORMATION			
Name of property:	Calusa Elementary School		
Address:	9580 Calusa Club Drive West Miami, FL 33186		
Description of property:	School		
Occupancy type:	E-1		
Property Representative:	School Board of Miami Dade County		
Address:	PO Box 01-2570 Miami, FL 33101		
Phone:	305-335-4059	Fax:	NONE
Email:	NONE		
2. INSTALLATION, SERVICE, AND TESTING CONTRACTOR INFORMATION			
Organization performing Test and/or Inspections:	Engineering Systems Technology, Inc		
Address:	2400 West 84th St. Unit #9, Hialeah, FL 33016		
Phone:	305-823-7444	Fax:	305-823-0553
Email:	service@estfl.com		
Service Tech or Tester:	Osvaldo & Miguel		
Contract for test and inspection in accordance with NFPA standards in effect as of:			
Contract Expires:	N/A	Contract Number:	N/A
Frequency:	Semi		
Monitoring Organization:	Miami Dade Public School		Account#
Address:	Alarm Desk		
Phone:	NONE	Fax:	NONE
Email:	NONE		
Entity to which alarms are retransmitted to:	Fire Department		Phone:
3. TYPE OF SYSTEM OR SERVICE			
<input checked="" type="checkbox"/>	Fire alarm system (nonvoice)		
<input type="checkbox"/>	Fire alarm with in-building fire emergency voice alarm communication system (EVACS)		
<input type="checkbox"/>	Mass notification system (MNS)		
<input type="checkbox"/>	Combination system, with the following components		
<input type="checkbox"/>	Fire Alarm		
<input type="checkbox"/>	EVACS		
<input type="checkbox"/>	MNS		
<input type="checkbox"/>	Two-way, in-building, emergency communication system		
<input type="checkbox"/>	Other:		
NFPA 72 edition:	2010	Additional description of system(s):	
3.1 Control Unit			
Manufacturer:	Edward Systems Technology a Unit of UTC		Model:
EST-2			
3.2 Mass Notification System - N/A			
3.3 System Documentation			
<input checked="" type="checkbox"/>	An owner's manual, a copy of the manufacturer's instructions, a written sequence of operation, and a copy of the record drawings are stored on site.		
Location:		Fire Alarm LogBook	

3.4 System Software		<input type="checkbox"/>	This system does not have alterable site-specific software.
Software Revision number:	2-SDU	Software last updated on:	2015
<input type="checkbox"/>	A copy of the site-specific software is stored on site	Location:	AT EST MAIN OFFICE

4. SYSTEM POWER

4.1 Control Unit

4.1.1 Primary Power

Input voltage of control panel:	120 V	Control panel amps:	5 AMPS
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4.1.2 Engine-Driven Generator This system does not have a generator.

4.1.3 Uninterruptible Power System This system does not have a UPS.

4.1.4 Batteries

Location:	FIRE ALARM CONTROL PANEL
Type:	Sealed Lead Acid
Nominal voltage:	24V
Amp/hour rating:	7 A/H

Calculate capacity of batteries to drive the system:

In standby mode (hours) :	24 or 4 (with Generator)	In alarm mode (minutes) :	15 or 5 (no voice)
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Batteries are marked with date of manufacture.

4.2 In-Building Fire Emergency Voice Alarm Communication System or Mass Notification System

This system does not have an EVACS or MNS

4.3 Notification Appliance Power Extender Panels

This system does not have power extender panels.

4.3.1 Primary Power

Input voltage of power extender panel:	120 V	Power extender panel amps:	5 AMPS
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4.3.2 Engine-Driven Generator This system does not have a generator.

4.3.3 Uninterruptible Power System This system does not have a UPS.

4.3.4 Batteries

Location:	TELECOMUNICATION ROOMS
Type:	Sealed Lead Acid
Nominal voltage:	24 VDC
Amp/hour rating:	7A/H

Calculate capacity of batteries to drive the system:

In standby mode (hours)	24	In alarm mode (minutes)	5
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Batteries are marked with date of manufacture.

5. ANNUNCIATORS This system does not have annunciators

6. NOTIFICATIONS MADE PRIOR TO TESTING

Monitoring organization	Contact: MDCPS FA DISPATCH	Time:	
Building management	Contact: PRINCIPAL	Time:	1:00 PM
Building occupants	Contact: Posted signs with Date/Time	Time:	

AHJ	Contact: N/A	Time: N/A
Other, if required	Contact: N/A	Time: N/A

7. TESTING RESULTS

7.1 Control Unit and Related Equipment

Description	Visual Inspection	Functional Test	Comments
Control unit	Pass	Pass	Tested in Alarm, Trouble and Supervisory
Lamps/LEDs/LCDs	Pass	Pass	LEDs/LCDs Tested Upon Operations.
Fuses	Pass	Visual	Visual Checked Only.
Trouble Signals	Pass	Pass	Trouble Signals Reported to Main Panel.
Disconnect switches	Pass	Pass	Digital Switches Tested Upon Operation
Ground-fault monitoring	Pass	Pass	Ground Fault Event Reported to Main Panel.
Supervision	Pass	Pass	Supervisory Signal Reported to Main Panel.
Local annunciator	Pass	Pass	Local LCD Reporting all Signals Properly
Remote annunciator	N/A	N/A	NOT APPLICABLE
Power extender panels	Pass	Pass	Booster are reporting to FACP
Isolation modules	N/A	N/A	NOT APPLICABLE
Other (specify)	N/A	N/A	NOT APPLICABLE

7.2 Control Unit Power Supplies

Description	Visual Inspection	Functional Test	Comments
120-volt power	Pass	Pass	Main power supply working properly
Generator or UPS	N/A	N/A	N/A
Battery condition	Pass	Pass	Battery backup tested with meter
Load Voltage	Pass	Pass	Load voltage tested with load tester
Discharge test	Pass	Pass	Discharged tested upon operation
Charger test	Pass	Pass	Battery charger working properly
Other (specify)			

7.3 In-Building Fire Emergency Voice Alarm Communications Equipment N/A

7.4 Notification Appliance Power Extender Panels

Description	Visual Inspection	Functional Test	Comments
Lamps/LEDs/LCDs	Pass	Pass	Led tested upon operation
Fuses	Pass	Visual	Visual checked
Primary power supply	Pass	Pass	Primary power supply reporting no trouble to main panel
Secondary power supply	Pass	Pass	Secondary power supply (batterys) tested with meter
Trouble signals	Pass	Pass	Trouble signals reported to main panel
Ground-fault monitoring	Pass	Pass	All circuits tested for ground fault detection
Panel supervision	Pass	Pass	All inputs and outputs are being supervised
Other (specify)			

7.5 Mass Notification Equipment - N/A

7.6 Two-Way Communications Equipment N/A

7.7 Combination Systems N/A			
7.8 Special Hazard Systems N/A			
7.9 Emergency Communication System N/A			
7.10 Monitored Systems N/A			
7.11 Auxiliary Functions			
Description	Visual Inspection	Functional Test	Comments
Fan shutdown	PASS	PASS	Tested Upon Operation
Other (specify)			
7.12 Alarm Initiating Device			
<input checked="" type="checkbox"/> Device test results sheet attached listing all devices tested and the results of the testing			
7.13 Supervisory Alarm Initiating Device			
<input checked="" type="checkbox"/> Device test results sheet attached listing all devices tested and the results of the testing			
7.14 Alarm Notification Appliances			
<input checked="" type="checkbox"/> Appliance test results sheet attached listing all appliances tested and the results of the testing			
7.15 Supervisory Station Monitoring			
8. NOTIFICATIONS THAT TESTING IS COMPLETE			
Monitoring organization	Contact: N/A	Time:	
Building management	Contact: PRINCIPAL	Time:	4:00 PM
Building occupants	Contact: Posted signs with Date/Time	Time:	
AHJ	Contact: N/A	Time:	N/A
Other, if required	Contact: N/A	Time:	N/A
Jairo/ Danny			
Date:	11/13/2024	Time:	12:00 PM
10. CERTIFICATION			
10.1 Inspector Certification:			
This system, as specified herein, has been inspected and tested according to all NFPA standards cited herein.			
Signed:	Printed: Osvaldo B	Date:	11/13/2024
Organization: Engineering Systems Technology Inc	Title: FASA	Phone:	305-823-7444
Signed:	Printed: Miguel G	Date:	11/13/2024
Organization: Engineering Systems Technology Inc	Title: FASA	Phone:	305-823-7444
10.2 Acceptance by Owner or Owner's Representative:			

The undersigned has a service contract for this system in effect as of the date shown below.			
Signed:		Printed:	
Organization:		Title:	
		Date:	
		Phone:	

Address	Device Type	Description	Test	Result
Main Panel	48	Pull Station	All Pull station tested in alarm condition.	
Main Panel	104	Smoke Detector	All smoke detector tested in alarm condition.	
Main Panel	8	Duct Detector	All Duct detector tested in supervisory condition.	
Main Panel	24	Heat Detector	All Heat detector tested in alarm condition.	
Main Panel	147	Horn/Strobe	All Horn Strobe Tested during operation.	
Main Panel	57	Horn	All Horns Tested during operation.	

All Pass expect deficiencies below

Deficiencies