

Fire Alarm and Life Safety System Inspection Certificate

For

U of M Specialty Complex
19900 Haggerty Road
Account # 52-0075
Livonia, MI 48152

Tested to NFPA 72 Standards

This Inspection was performed in accordance with applicable NFPA Standards. The subsequent pages of this report provide performance measurements, listed ranges of acceptable results, and complete documentation of the inspection. Whenever discrepancies exist between acceptable performance standards and actual test results, notes and/or recommended solutions have been proposed or provided for immediate review and approval.

Inspection Date
Feb 21, 2024

Building: U of M Specialty Complex
Contact: Barrie Rudnick
Title: Manager

Company: RedGuard Fire & Security, Inc.
Contact: Floyd Branch
Title: Inspector

Executive Summary

Generated by: BuildingReports.com

Building Information		
Building: U of M Specialty Complex	Contact: Barrie Rudnick	
Address: 19900 Haggerty Road	Phone: 313-780-4906	
Address: Account # 52-0075	Fax:	
City/State/ZIP Code: Livonia, MI 48152	Mobile: 248-417-3705	
Country: United States of America	Email:	
Inspection Performed By		
Company: RedGuard Fire & Security, Inc.	Inspector: Floyd Branch	
Address: 45150 Polaris Court	Phone: 734-737-1980	
Address:	Fax:	
City/State/ZIP Code: Plymouth, MI 48170	Mobile:	
Country: United States of America	Email: joshb@redguardfs.com	
System Control Unit		
Manufacturer: EST	Inspection Date: 02/21/2024	IDC Style: B
Model Number: QS1	Install Date: 10/27/2005	SLC Style: 4
Software Version: 2,50	Version Date: 10/27/2005	NAC Style: Y
Location: front lobby	Current Protection: Breaker	
Monitoring		
Company: Applied Building Tec	Phone: 1-800-251-5136	Account #:
Central Station Signal Verification		
Type: Digital Communicator	Mfg: EST	Model #: DLD
Test Time/Date: 2/21/24 7:53:59 AM	Restore Time:	Note:
Type of Signal	Signal Confirmation	Notes
Type: Trouble	Confirmed Time:	Note:
Type: Trouble	Confirmed Time:	Note:

Inspection Summary								
Category	Total Items		Serviced		Passed		Failed/Other	
	Qty	%	Qty	%	Qty	%	Qty	%
Control	7	13.46%	7	100.00%	7	100.00%	0	0.00%
Indicating	1	1.92%	1	100.00%	1	100.00%	0	0.00%
Initiating	34	65.38%	34	100.00%	34	100.00%	0	0.00%
Monitor	2	3.85%	2	100.00%	2	100.00%	0	0.00%
Supervisory	8	15.38%	8	100.00%	8	100.00%	0	0.00%
Totals	52	100%	52	100.00%	52	100.00%	0	0.00%

Certification	
Company: RedGuard Fire & Security, Inc.	Building: U of M Specialty Complex
Inspector: Floyd Branch	Contact: Barrie Rudnick

Inspection & Testing

Generated by: BuildingReports.com

Building: U of M Specialty Complex	Control Panel: 1 - EST QS1
---	-----------------------------------

The Inspection & Testing section lists all of the items inspected in your building. Items are grouped by Passed or Failed/Other. Items are listed by Category. Each item includes the services performed, and the time & date at which testing occurred.

Device Type	Location	Service	Time	Date
<i>Passed</i>				
Control				
Battery	Suite 101 Electrical/Telephone Room	Tested	8:28:06 AM	02/21/2024
Battery	Inside Main FACP	Tested	7:53:24 AM	02/21/2024
Communicator	FACP	Tested	7:53:59 AM	02/21/2024
Control Panel	front lobby	Tested	7:26:05 AM	02/21/2024
Power Supply	Suite 101 Electrical/Telephone Room	Tested	8:27:59 AM	02/21/2024
Special Control	Suite 101 Suite 101 Aduible Trip	Tested/Cleaned	8:28:24 AM	02/21/2024
Special Control	Suite 101 Suite 101 Visual Trip	Tested/Cleaned	8:28:29 AM	02/21/2024
Initiating				
Duct Detector	Suite 101 CT control room	Tested	1:22:47 PM	02/21/2024
Duct Detector	Suite 101 Reception area	Tested	8:22:25 AM	02/21/2024
Duct Detector	Suite 101 Reception area	Tested	8:24:25 AM	02/21/2024
Duct Detector	Suite 101 Room 1006	Tested	1:11:49 PM	02/21/2024
Duct Detector	Suite 101 Storage Room	Tested	1:27:04 PM	02/21/2024
Duct Detector	Suite 101 Waiting Room	Tested	12:44:05 PM	02/21/2024
Duct Detector	Suite 101 Waiting Room	Tested	12:45:27 PM	02/21/2024
Duct Detector	Suite 101 bone density room	Tested	1:14:42 PM	02/21/2024
Pull Station	Center Lobby Entrance	Tested	7:25:39 AM	02/21/2024
Pull Station	North Rear Storage	Tested	7:33:53 AM	02/21/2024
Pull Station	1st floor Exit Suite 111	Tested	12:49:44 PM	02/21/2024
Pull Station	1st riser Room	Tested	12:04:11 PM	02/21/2024
Pull Station	2nd Maintenance Room .	Tested	7:47:43 AM	02/21/2024
Smoke Detector	Above NACP Suite 101 Electrical/Telephone Room	Tested/Cleaned	1:18:21 PM	02/21/2024
Smoke Detector	Above FACP	Tested/Cleaned	7:53:14 AM	02/21/2024
Smoke Detector	Dialysis Center Dialysis Area	Tested/Cleaned	7:39:39 AM	02/21/2024
Smoke Detector	Dialysis Hall By Bio Medical	Tested/Cleaned	7:40:47 AM	02/21/2024
Smoke Detector	Dialysis Hall By Clean Supply	Tested/Cleaned	7:35:40 AM	02/21/2024
Smoke Detector	Dialysis Hall By Room 1511	Tested/Cleaned	7:41:34 AM	02/21/2024
Smoke Detector	Dialysis Hallway By Receiving	Tested/Cleaned	7:34:32 AM	02/21/2024
Smoke Detector	Dialysis In Bio Medical Office	Tested/Cleaned	7:41:12 AM	02/21/2024
Smoke Detector	Dialysis In Clean Supply	Tested/Cleaned	7:54:39 AM	02/21/2024
Smoke Detector	Dialysis In Hall By Room 1519	Tested/Cleaned	7:43:10 AM	02/21/2024
Smoke Detector	Dialysis In Room 1550	Tested/Cleaned	8:16:51 AM	02/21/2024
Smoke Detector	Dialysis In Room 1557 waste room	Tested/Cleaned	7:35:17 AM	02/21/2024
Smoke Detector	Dialysis In Room 1561 water treatment room	Tested/Cleaned	8:17:14 AM	02/21/2024
Smoke Detector	Dialysis In Supply Storage	Tested/Cleaned	7:37:19 AM	02/21/2024
Smoke Detector	Dialysis Lunch Room	Tested/Cleaned	7:39:03 AM	02/21/2024
Smoke Detector	Dialysis North Dialysis Area	Tested/Cleaned	7:37:45 AM	02/21/2024

Device Type	Location	Service	Time	Date
<i>Passed</i>				
Smoke Detector	Dialysis South Dialysis Area	Tested/Cleaned	7:40:29 AM	02/21/2024
Smoke Detector	Dialysis Northwest Dialysis Area	Tested/Cleaned	8:17:45 AM	02/21/2024
Smoke Detector	Dialysis Waiting Room	Tested/Cleaned	7:44:31 AM	02/21/2024
Smoke Detector	Mezzanine Upper Mechanical Room	Tested/Cleaned	11:58:58 AM	02/21/2024
Waterflow Switch	Riser Room Main Riser	Tested	12:03:36 PM	02/21/2024
Monitor				
Monitoring	Primary Phone Line 734-632-0896	Tested	7:53:50 AM	02/21/2024
Monitoring	Secondary Phone Line 734-632-0908	Tested	7:53:55 AM	02/21/2024
Supervisory				
Supervisory Device	RTU Above Door 1538 Duct Smoke	Tested	12:53:18 PM	02/21/2024
Supervisory Device	RTU Above Sign 1551 Duct Smoke	Tested	1:11:12 PM	02/21/2024
Supervisory Device	RTU Inside Room 1524 Duct Smoke	Tested	12:12:37 PM	02/21/2024
Supervisory Device	RTU Inside Room 1524 Duct Smoke	Tested	12:43:32 PM	02/21/2024
Supervisory Device	RTU Outside Room 1524 Duct Smoke	Tested	12:08:38 PM	02/21/2024
Supervisory Device	Mezzanine Suite 100 HVAC	Tested	12:47:10 PM	02/21/2024
Tamper Switch	Main Riser Room Switch 1	Tested	1:27:41 PM	02/21/2024
Tamper Switch	Main Riser Room Switch 2	Tested	1:27:55 PM	02/21/2024

Service Summary

Generated by: BuildingReports.com

Building: U of M Specialty Complex

The Service Summary section provides an overview of the services performed in this report.

Device Type	Service	Quantity
<i>Passed</i>		
Battery	Tested	2
Communicator	Tested	1
Control Panel	Tested	1
Duct Detector	Tested	8
Monitoring	Tested	2
Power Supply	Tested	1
Pull Station	Tested	5
Smoke Detector	Tested/Cleaned	20
Special Control	Tested/Cleaned	2
Supervisory Device	Tested	6
Tamper Switch	Tested	2
Waterflow Switch	Tested	1
Total		51
Grand Total		51

Sound and Visual Testing

Generated by: *BuildingReports.com*

Building: U of M Specialty Complex						
<p><i>The Sound and Visual Testing section lists various points throughout your building where audible and visual alarm notification devices were tested. Any bar-coded audible and visual devices will appear in the Inspection and Testing section of this report. Items in this section are grouped by Passed or Failed/Other. Where specific decibel readings were recorded, they will appear under the ambient and alarm columns. The Voice column indicates whether the Sound Test Point passed the Voice Intelligibility requirements. The STI or Sound Transmission Index is shown if recorded.</i></p>						
<div style="display: flex; align-items: center;"> 📍 Location </div>	<div style="display: flex; align-items: center;"> 💬 Comment </div>	Ambient ◀ dB	Alarm ◀ dB	<div style="display: flex; align-items: center;"> 👂 Intelligibility </div>		Sound Test
				Voice	STI	
<i>Passed</i>						
Sound Test Points						
	Passed			☐		0001

Time, Temperature & Level Testing

Generated by: BuildingReports.com

Building: U of M Specialty Complex		Control Panel: 1 - EST QS1				
<i>The Time, Temperature, & Level Testing section details the measurements taken from various devices that are designed to respond in a certain amount of time, respond at a certain temperature, or respond within the acceptable range of volume or level. Items are grouped by Passed or Failed/Other.</i>						
Type	Location	Comment	Sec	Deg	Lvl	ScanID
<i>Passed</i>						
Waterflow Switch						
	Riser Room Main Riser	Passed	16	n/a	n/a	03130277

Battery & Power Supply Testing

Generated by: BuildingReports.com

Building: U of M Specialty Complex				Control Panel: 1 - EST QS1			
<i>The Battery & Power Supply Testing section details the readings and measurements of batteries and power supplies used to provide power to the fire alarm and life safety systems. Items are grouped by Passed or Failed/Other.</i>							
Battery							
Type	Location	Rated Ah	Rated Volts	Pre Test	Post Test	Min Ah	Tested Ah
<i>Passed</i>							
Sealed Lead Acid	Suite 101 Electrical/Telephone Room	10	12				100
Sealed Lead Acid	Inside Main FACP	10	.12				100

Inventory & Warranty Report

Generated by: BuildingReports.com

Building: U of M Specialty Complex	Control Panel: 1 - EST QS1
---	-----------------------------------

The Inventory & Warranty Report lists each of the devices and items that are included in your Inspection Report. A complete inventory count by device type and category is provided. Items installed within the last 90 days, within the last year, and devices installed for two years or more are grouped together for easy reference.

Device or Type	Category	% of Inventory	Quantity
Battery	Control	3.85%	2
Communicator	Control	1.92%	1
Control Panel	Control	1.92%	1
Duct Detector	Initiating	15.38%	8
Monitoring	Monitor	3.85%	2
Power Supply	Control	1.92%	1
Pull Station	Initiating	9.62%	5
Smoke Detector	Initiating	38.46%	20
Sound Test	Indicating	1.92%	1
Special Control	Control	3.85%	2
Supervisory Device	Supervisory	11.54%	6
Tamper Switch	Supervisory	3.85%	2
Waterflow Switch	Initiating	1.92%	1

Type	Qty	Model #	Description	Install Date
<i>New (under 90 days)</i>				
EST				
Duct Detector	1	Siga PS	Photoelectric	12/07/2035
<i>In Service - 1 Year to 2 Years</i>				
Duracell				
Battery	2	12v-10ah	Sealed Lead Acid	02/02/2023
<i>In Service - 10 Years to 15 Years</i>				
EST				
Duct Detector	7	Siga PS	Photoelectric	12/07/2009
Power Supply	1	BPS10		12/07/2009
Smoke Detector	1	Siga PS	Photoelectric	12/07/2009
Special Control	1	Siga CC1	Aduible	12/07/2009
Special Control	1	Siga CC1	Visual	12/07/2009
<i>In Service - 15 Years to 25 Years</i>				
EST				
Communicator	1	DLD	Digital Communicator	10/27/2005
Control Panel	1	QS1		10/27/2005
Monitoring	2	QS1	Trouble	10/27/2005
Pull Station	5	Siga-270	Single Action	10/27/2005
Smoke Detector	19	Siga-PS	Photoelectric	10/27/2005
Supervisory Device	5	QS1	Duct Detector	10/27/2005
Supervisory Device	1	QS1	HAVC	10/27/2005
Tamper Switch	2	QS1		10/27/2005

Federal Signal

Waterflow Switch

1

WFV-R

10/27/2005