

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 2, 2023

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

Company: RedGuard Fire & Security, Inc.
Contact: Rick Heikkinen
Title: Inspection/Service Mgr

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: Rick Heikkinen	
Address: 45150 Polaris Court	Phone: 248-954-4389	
Address:	Fax:	
City/State/ZIP Code: Plymouth, MI 48170	Mobile:	
Country: United States of America	Email: rickh@redguardfs.com	
System Control Unit		
Manufacturer: EST	Inspection Date: 02/02/2023	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: 2/2/23 8:16:33 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	13.73%	7	100.00%	7	100.00%	0	0.00%
Indicating	1	1.96%	1	100.00%	1	100.00%	0	0.00%
Initiating	34	66.67%	34	100.00%	34	100.00%	0	0.00%
Monitor	2	3.92%	2	100.00%	2	100.00%	0	0.00%
Supervisory	7	13.73%	7	100.00%	7	100.00%	0	0.00%
Totals	51	100%	51	100.00%	51	100.00%	0	0.00%
Certification								
Company: RedGuard Fire & Security, Inc.				Building: U of M Specialty Complex				
Inspector: Rick Heikkinen				Contact: Barrie Rudnick				

Notes & Recommendations

Generated by: BuildingReports.com

Building: U of M Specialty Complex			Control Panel: 1 - EST QS1	
<i>The Notes & Recommendations Report details additional inspection notes made by the Inspectors during the course of the building inspection. Notes are grouped by Category.</i>				
ScanID	Note	Device Type	Location	Comment
<i>Control</i>				
03134612	1	Battery	Suite 101 Electrical/Telephone Room	Passed
Tech installed new batteries 2-10ah				
03130266	2	Battery	at main facp	Passed
Tech installed new batteries 2023				

Inspection & Testing

Generated by: BuildingReports.com

Building: U of M Specialty Complex		Control Panel: 1 - EST QS1		
<i>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.</i>				
Device Type	Location	Service	Time	Date
Passed				
Control				
Battery	Suite 101 Electrical/Telephone Room	Tested	11:03:08 AM	02/02/2023
Battery	at main facp	Tested	11:03:33 AM	02/02/2023
Communicator	FACP	Tested	8:16:33 AM	02/02/2023
Control Panel	front lobby	Tested	8:17:18 AM	02/02/2023
Expander Panel	Suite 101 Electrical/Telephone Room	Tested	8:18:40 AM	02/02/2023
Special Control	Suite 101 Suite 101 Aduible Trip	Tested/Cleaned	8:19:21 AM	02/02/2023
Special Control	Suite 101 Suite 101 Visual Trip	Tested/Cleaned	8:19:28 AM	02/02/2023
Indicating				
Horn/Strobe	av testing entire building	Tested	8:15:56 AM	02/02/2023
Initiating				
Duct Detector	Suite 101 CT control room	Tested	8:43:40 AM	02/02/2023
Duct Detector	Suite 101 Reception area	Tested	8:41:24 AM	02/02/2023
Duct Detector	Suite 101 Reception area	Tested	8:47:44 AM	02/02/2023
Duct Detector	Suite 101 Room 1006	Tested	11:02:46 AM	02/02/2023
Duct Detector	Suite 101 Storage Room	Tested	11:04:14 AM	02/02/2023
Duct Detector	Suite 101 Waiting Room	Tested	8:34:30 AM	02/02/2023
Duct Detector	Suite 101 Waiting Room	Tested	8:41:40 AM	02/02/2023
Duct Detector	Suite 101 bone density room	Tested	8:39:58 AM	02/02/2023
Pull Station	1st riser Room	Tested	7:53:29 AM	02/02/2023
Pull Station	2nd Maintenance Room .	Tested	11:17:05 AM	02/02/2023
Pull Station	Center Lobby Entrance	Tested	7:22:28 AM	02/02/2023
Pull Station	North Receiving Entrance	Tested	8:11:21 AM	02/02/2023
Pull Station	1st floor Exit Suite 111	Tested	8:14:26 AM	02/02/2023
Smoke Detector	Mezzanine Upper Mechanical Room	Tested/Cleaned	11:19:30 AM	02/02/2023
Smoke Detector	Above NACP Suite 101 Electrical/Telephone Room	Tested/Cleaned	8:19:17 AM	02/02/2023
Smoke Detector	Above FACP	Tested/Cleaned	7:23:30 AM	02/02/2023
Smoke Detector	Dialysis Center Dialysis Area	Tested/Cleaned	8:22:51 AM	02/02/2023
Smoke Detector	Dialysis Hall By Bio Medical	Tested/Cleaned	8:04:54 AM	02/02/2023
Smoke Detector	Dialysis Hall By Clean Supply	Tested/Cleaned	9:29:53 AM	02/02/2023
Smoke Detector	Dialysis Hall By Room 1511	Tested/Cleaned	8:02:52 AM	02/02/2023
Smoke Detector	Dialysis Hallway By Receiving	Tested/Cleaned	8:24:09 AM	02/02/2023
Smoke Detector	Dialysis In Bio Medical Office	Tested/Cleaned	8:05:16 AM	02/02/2023
Smoke Detector	Dialysis In Clean Supply	Tested/Cleaned	8:23:25 AM	02/02/2023
Smoke Detector	Dialysis In Hall By Room 1519	Tested/Cleaned	8:03:57 AM	02/02/2023
Smoke Detector	Dialysis In Room 1550	Tested/Cleaned	8:12:20 AM	02/02/2023
Smoke Detector	Dialysis In Room 1557 waste room	Tested/Cleaned	8:10:35 AM	02/02/2023

Device Type	Location	Service	Time	Date
<i>Passed</i>				
Smoke Detector	Dialysis In Room 1561 water treatment room	Tested/Cleaned	8:23:13 AM	02/02/2023
Smoke Detector	Dialysis In Supply Storage	Tested/Cleaned	9:29:44 AM	02/02/2023
Smoke Detector	Dialysis Lunch Room	Tested/Cleaned	8:23:43 AM	02/02/2023
Smoke Detector	Dialysis North Dialysis Area	Tested/Cleaned	8:22:59 AM	02/02/2023
Smoke Detector	Dialysis South Dialysis Area	Tested/Cleaned	8:06:18 AM	02/02/2023
Smoke Detector	Dialysis Northwest Dialysis Area	Tested/Cleaned	8:22:42 AM	02/02/2023
Smoke Detector	Dialysis Waiting Room	Tested/Cleaned	8:02:05 AM	02/02/2023
Waterflow Switch	Riser Room Main Riser	Tested	7:59:02 AM	02/02/2023
Monitor				
Monitoring	Primary Phone Line 734-632-0896	Tested	8:16:19 AM	02/02/2023
Monitoring	Secondary Phone Line 734-632-0908	Tested	8:16:00 AM	02/02/2023
Supervisory				
Supervisory Device	Mezzanine Suite 100 HVAC Failure	Tested	11:28:08 AM	02/02/2023
Supervisory Device	RTU Above Door 1538 Duct Smoke	Tested	11:01:59 AM	02/02/2023
Supervisory Device	RTU Above Sign 1551 Duct Smoke	Tested	11:02:21 AM	02/02/2023
Supervisory Device	RTU Inside Room 1524 Duct Smoke	Tested	11:01:39 AM	02/02/2023
Supervisory Device	RTU Outside Room 1524 Duct Smoke	Tested	11:01:50 AM	02/02/2023
Tamper Switch	Main Riser Room Switch 1	Tested	7:53:10 AM	02/02/2023
Tamper Switch	Main Riser Room Switch 2	Tested	7:53:06 AM	02/02/2023

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
Expander Panel	Tested	1
Horn/Strobe	Tested	1
Monitoring	Tested	2
Pull Station	Tested	5
Smoke Detector	Tested/Cleaned	20
Special Control	Tested/Cleaned	2
Supervisory Device	Tested	5
Tamper Switch	Tested	2
Waterflow Switch	Tested	1
Total		51
Grand Total		51

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	35	n/a	n/a	61544378

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
Passed							
Sealed Lead Acid	Suite 101 Electrical/Telephone Room	10	12				
Sealed Lead Acid	at main facp	10	.12				

Inventory & Warranty Report

Generated by: BuildingReports.com

Building: U of M Specialty Complex				Control Panel: 1 - EST QS1	
<i>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.</i>					
Device or Type		Category		% of Inventory	Quantity
Battery		Control		3.92%	2
Communicator		Control		1.96%	1
Control Panel		Control		1.96%	1
Duct Detector		Initiating		15.69%	8
Expander Panel		Control		1.96%	1
Horn/Strobe		Indicating		1.96%	1
Monitoring		Monitor		3.92%	2
Pull Station		Initiating		9.80%	5
Smoke Detector		Initiating		39.22%	20
Special Control		Control		3.92%	2
Supervisory Device		Supervisory		9.80%	5
Tamper Switch		Supervisory		3.92%	2
Waterflow Switch		Initiating		1.96%	1
Type	Qty	Model #	Description		Install Date
New (under 90 days)					
EST					
Duct Detector	1	Siga PS	Photoelectric		12/07/2035
Duracell					
Battery	2	12v-10ah	Sealed Lead Acid		02/02/2023
In Service - 10 Years to 15 Years					
EST					
Duct Detector	7	Siga PS	Photoelectric		12/07/2009
Expander Panel	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
In Service - 15 Years to 25 Years					
EST					
Communicator	1	DLD	Digital Communicator		10/27/2005
Control Panel	1	QS1			10/27/2005
Horn/Strobe	1	av			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	4	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

Fire Alarm and Life Safety System Inspection Certificate

For

U of M Surgical Ctr.Suite 100
19900 Haggerty Road
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 2, 2023

Building: U of M Surgical Ctr.Suite 100
Contact: Chris Piligian
Title: Owner Rep

Company: RedGuard Fire & Security, Inc.
Contact: Rick Heikkinen
Title: Inspection/Service Mgr

Executive Summary

Generated by: BuildingReports.com

Building Information		
Building: U of M Surgical Ctr.Suite 100	Contact: Chris Piligian	
Address: 19900 Haggerty Road	Phone: 248-352-1550	
Address:	Fax:	
City/State/ZIP Code: Livonia, MI. 48152	Mobile:	
Country: United States of America	Email: cpiligian@jonnaco.com	
Inspection Performed By		
Company: RedGuard Fire & Security, Inc.	Inspector: Rick Heikkinen	
Address: 45150 Polaris Court	Phone: 248-954-4389	
Address:	Fax:	
City/State/ZIP Code: Plymouth, MI 48170	Mobile:	
Country: United States of America	Email: rickh@redguardfs.com	
System Control Unit		
Manufacturer: EST	Inspection Date: 02/02/2023	IDC Style: B
Model Number: QS1	Install Date: 07/23/2008	SLC Style: 2
Software Version: 1.01.00	Version Date: 07/23/2008	NAC Style: Y
Location: Business Office	Current Protection: Fuse	
Central Station Signal Verification		
Type: Digital Communicator	Mfg: EST	Model #: DLD
Test Time/Date: 2/2/23 7:16:18 AM	Restore Time:	Note:

Inspection Summary								
Category	Total Items		Serviced		Passed		Failed/Other	
	Qty	%	Qty	%	Qty	%	Qty	%
Control	5	27.78%	5	100.00%	5	100.00%	0	0.00%
Initiating	13	72.22%	13	100.00%	13	100.00%	0	0.00%
Totals	18	100%	18	100.00%	18	100.00%	0	0.00%
Certification								
Company: RedGuard Fire & Security, Inc.				Building: U of M Surgical Ctr.Suite 100				
Inspector: Rick Heikkinen				Contact: Chris Piligian				

Inspection & Testing

Generated by: BuildingReports.com

Building: U of M Surgical Ctr.Suite 100		Control Panel: 1 - EST QS1		
<i>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.</i>				
Device Type	Location	Service	Time	Date
<i>Passed</i>				
Control				
Battery	In FACP	Tested	7:15:56 AM	02/02/2023
Communication Line	Primary Phone 734-462-1240	Tested	7:16:23 AM	02/02/2023
Communication Line	Secondary Phone 734-462-1242	Tested	7:16:30 AM	02/02/2023
Communicator	In FACP	Tested	7:16:18 AM	02/02/2023
Control Panel	Business Office	Tested	7:15:39 AM	02/02/2023
Initiating				
Duct Detector	HVAC Return	Tested	9:23:50 AM	02/02/2023
Duct Detector	HVAC Supply	Tested	9:23:39 AM	02/02/2023
Heat Detector	OR Room #1	Tested	8:54:14 AM	02/02/2023
Heat Detector	OR Room #2	Tested	8:59:00 AM	02/02/2023
Heat Detector	OR Room #3	Tested	9:01:09 AM	02/02/2023
Heat Detector	OR Room #4	Tested	9:03:01 AM	02/02/2023
Pull Station	Employee Entrance	Tested	7:39:12 AM	02/02/2023
Pull Station	Main Entrance	Tested	7:40:26 AM	02/02/2023
Pull Station	O R Exit	Tested	7:37:11 AM	02/02/2023
Pull Station	O R Storage Exit	Tested	7:42:32 AM	02/02/2023
Pull Station	Patient Discharge Exit	Tested	7:32:12 AM	02/02/2023
Pull Station	Recovery Room Exit	Tested	7:33:12 AM	02/02/2023
Smoke Detector	Above FACP	Tested/Cleaned	7:29:35 AM	02/02/2023

Service Summary

Generated by: BuildingReports.com

Building: U of M Surgical Ctr.Suite 100

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

Device Type	Service	Quantity
<i>Passed</i>		
Battery	Tested	1
Communication Line	Tested	2
Communicator	Tested	1
Control Panel	Tested	1
Duct Detector	Tested	2
Heat Detector	Tested	4
Pull Station	Tested	6
Smoke Detector	Tested/Cleaned	1
Total		18
Grand Total		18

Battery & Power Supply Testing

Generated by: BuildingReports.com

Building: U of M Surgical Ctr.Suite 100				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
Passed							
Sealed Lead Acid	In FACP	10					

Inventory & Warranty Report

Generated by: BuildingReports.com

Building: U of M Surgical Ctr.Suite 100				Control Panel: 1 - EST QS1	
<i>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.</i>					
Device or Type		Category		% of Inventory	Quantity
Battery		Control		5.56%	1
Communication Line		Control		11.11%	2
Communicator		Control		5.56%	1
Control Panel		Control		5.56%	1
Duct Detector		Initiating		11.11%	2
Heat Detector		Initiating		22.22%	4
Pull Station		Initiating		33.33%	6
Smoke Detector		Initiating		5.56%	1
Type	Qty	Model #	Description	Install Date	
<i>In Service - 1 Year to 2 Years</i>					
duracell					
Battery	1		Sealed Lead Acid	02/01/2022	
<i>In Service - 5 Years to 10 Years</i>					
Air Products					
Duct Detector	2			06/01/2017	
<i>In Service - 10 Years to 15 Years</i>					
EST					
Communication Line	2			07/23/2008	
Communicator	1	DLD	Digital Communicator	07/23/2008	
Control Panel	1	QS1		07/23/2008	
Heat Detector	4			07/23/2008	
Pull Station	6	Siga 270	Single Action	07/23/2008	
Smoke Detector	1	Siga PS	Photoelectric	07/23/2008	