



BOONE COUNTY, MISSOURI
Request for Bid #: 16-19MAR14 – Fire Alarm & Suppression Systems
Inspection, Testing & Repairs

ADDENDUM #2 - Issued March 13, 2014

This addendum is issued in accordance with the Request for Bid and is hereby incorporated into and made a part of the Request for Bid documents. Offerors are reminded that receipt of this addendum should be acknowledged and submitted with Offeror's Bid Response.

Specifications for the above noted Request for Bid and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

The County has received the following questions and is providing responses:

1. Question: When are the inspections due in 2014?

Response: The County can schedule the 2014 inspections any time before December 31 then will maintain a 6-month schedule for all semi-annual and a 12-month schedule for all annual inspections from that date on.

2. Question: Can all inspections be done during normal business hours?

Response: Inspections for the Courthouse are scheduled for 6:00 a.m. in order to prevent disruption of Court services. All other inspections can be done during normal business hours unless otherwise requested for special circumstances by the County.

3. Question: For each building, do all inspections have to be performed on the same day and time?

Response: No, inspections can be scheduled as needed.

4. Question: Who holds the current contract with the County for these services?

Response: Simplex Grinnell

5. Question: Are copies of the most recent inspections available?

Response: Copies of the most recent inspections are attached to this addendum.

In addition, the County is making the following changes to the specifications:

1. Change Section 2.14.1. *Invoicing and Payment* as follows:

Billings may only include the prices listed in the vendor's bid response. No fees for set up, clean up, labor, delivery, or taxes shall be included as additional charges in excess of the charges in the Vendor's bid response to the specifications. Contractor shall provide individual invoices for each individual building. The County agrees to pay all invoices within thirty days of performance of services, receipt of inspection reports and an accurate invoice.

2. Replace original *Attachment B* with the attached, **Revised Attachment B.** Changes were made to the frequency of inspection and description for the Boone County Government Center, Novec 1230 Clean Agent Fire Suppression System.

3. Replace original Section 4. *Response Form* with the attached, **Revised Response Form.** Changes were made to Item 4.8.2.4. to indicate a quantity of 2 Semi-Annual inspections.

Also attached is a copy of the Pre-Bid Conference vendor sign-in sheet.

By: *Amy Robbins*
Amy Robbins
Senior Buyer

OFFEROR has examined copy of Addendum #2 to Request for Bid **16-19MAR14 – Fire Alarm & Suppression Systems Inspection, Testing & Repairs** receipt of which is hereby acknowledged:

Company Name: _____

Address: _____

Phone Number: _____ Fax Number: _____

E-mail: _____

Authorized Representative Signature: _____ Date: _____

Authorized Representative Printed Name: _____

SimplexGrinnell

FIRE ALARM INSPECTION REPORT

November 2013 Inspection

PREPARED FOR

**Bob Davidson
Boone County Government Center
801 E Walnut Street
Columbia, MO 65201
(573) 864-2899**

12/20/2013

SimplexGrinnell

SimplexGrinnell
FIRE ALARM INSPECTION REPORT

SITE: Boone County Government Center

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**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

PAGE 1

**Bob Davidson
Boone County Government Center
801 E Walnut Street
Columbia, MO 65201**

Thank you for choosing SimplexGrinnell as the provider of your Fire Alarm Inspection services, which were completed on December 20, 2013.

By direction of Bob Davidson only devices tied to the Sapphire System were tested this inspection. Building is tested on an annual basis. Building Fire Alarm system was tested earlier this year.

Customer needs keys for release bypass boxes.

Isolator key switches could not be tested. No key was available for testing.

Sapphire Tank Results:

There is a 20 second delay with two smoke detectors in alarm an alarm condition before release. Tank will release with two smoke detectors in an alarm condition or one pull station in an alarm condition. No delay with pull station activated. One detector will alarm building's FACP and activate strobes. Audio visual devices sound after 20 second delay.

Room 132

**Sapphire Fluid Level: 46 Centimeters
Pressure: 370 psi
Gross Weight: 452.95 lbs
Sapphire Fluid Weight: 251 lbs
ATM : 465460
New: 9/2010**

There is a 20 second delay with two smoke detectors in alarm before release. Both tanks in Room 225 release with two smoke detectors or one pull station in an alarm condition. No delay with pull station activated. One detector will alarm building's FACP and will activate strobes. Audio visual devices sound after 20 second delay.

Room 225 Big Tank 1(for rooms 222 & 225)

**Sapphire Fluid Level: 59 Centimeters
Pressure: 360 psi
Gross Weight: 515.25 lbs
Sapphire Fluid Weight: 310 lbs
ATM : 469034
New: 12/2010**

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

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SITE: Boone County Government Center

Monitoring Agency:

Authority Having Jurisdiction:

Inspection Service:

**SimplexGrinnell
3787 Rider Trail South
Earth City, MO 63045
Phone: (314) 739-4014**

Main: (314) 739-4014

License No.:

**Service Mgr: Jim Bazzell
Inspector: Robert Shuler**

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

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SITE: Boone County Government Center

CONTROL PANEL/CENTRAL PROCESSING UNIT

Gamewell ZANS 400

Serial #

Building: Boone County Governm Floor: 01 Area: MAIN MECHANICAL ROOM ELECT

<u>Test Performed</u>	<u>Result</u>	<u>Value</u>	<u>Notes</u>
Voltage w/ Charger			
Voltage w/o Charger			
Battery % of Charge			
Battery Age Check			
Zone Trouble			
Signal Trouble			
Type Signal Circuit			
AC Input Voltage			
Earth Detection			
Lamps/LED Test			
Drill Switch			
Control Function(s)			

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Government Center

CONTROL PANEL/CENTRAL PROCESSING UNIT

Simplex 4010-9102

Serial # H9891511

Building: Boone County Governm Floor: 02 Area: ROOM 222

<u>Test Performed</u>	<u>Result</u>	<u>Value</u>	<u>Notes</u>
Voltage w/ Charger	Passed	27.8	
Voltage w/o Charger	Passed	26.1	
Battery % of Charge	Passed	90.0	
Battery Age Check	Passed		
Control Function(s)	Passed		

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Government Center

ALARM INITIATING DEVICES

SUMMARY TEST RESULTS

<u>Dev. Type</u>	<u>Description</u>	<u>Total</u>	<u>Number Tested</u>	<u>Number Failed</u>	<u>Number Not Tested</u>
ELAL	Elevator Alternate Recall	1	0	0	1
FTHD	Fixed Temp Heat Detector	3	0	0	3
IDD	Ionization Duct Smoke Detector	3	0	0	3
ISD	Ionization Smoke Detector	18	0	0	18
PSD	Photo Smoke Detector	30	30	0	0
PSSA	Pull Station-Single Action	15	7	0	8
RRHD	Rate of Rise Heat Detector	5	0	0	5
WF	Water Flow Detector	1	0	0	1

DETAIL TEST RESULTS

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
ELAL	Boone County Governm		ELEVATOR ALTERNATE RECALL				Not Tested	
FTHD	Boone County Governm	01	BOTTOM OF SHAFT			ZN03	Not Tested	
PSSA	Boone County Governm	01	CHAMBERS NORTH EXIT			ZN07	Not Tested	
ISD	Boone County Governm	01	COLLECTOR'S FILE ROOM			ZN03	Not Tested	
PSSA	Boone County Governm	01	EAST EXIT			ZN03	Not Tested	
FTHD	Boone County Governm	01	ELEVATOR EQUIPMENT ROOM			ZN03	Not Tested	
ISD	Boone County Governm	01	ELEVATOR LOBBY			ZN03	Not Tested	
ISD	Boone County Governm	01	IN PHONE CLOSET			ZN03	Not Tested	
ISD	Boone County Governm	01	IN ROOM 137 NORTHEAST			ZN04	Not Tested	
ISD	Boone County Governm	01	IN ROOM 137 NORTHWEST			ZN04	Not Tested	
ISD	Boone County Governm	01	IN ROOM 137 SOUTHEAST			ZN04	Not Tested	
ISD	Boone County Governm	01	IN ROOM 137 SOUTHWEST			ZN04	Not Tested	
WF	Boone County Governm	01	MAIN MECHANICAL ROOM			ZN06	Not Tested	
ISD	Boone County Governm	01	MAIN MECHANICAL ROOM			ZN03	Not Tested	
RRHD	Boone County Governm	01	MAIN MECHANICAL ROOM			ZN03	Not Tested	
ISD	Boone County Governm	01	MAIN MECHANICAL ROOM			ZN03	Not Tested	
RRHD	Boone County Governm	01	MAIN MECHANICAL ROOM			ZN03	Not Tested	
RRHD	Boone County Governm	01	MAIN MECHANICAL ROOM ELECT			ZN03	Not Tested	
ISD	Boone County Governm	01	MAIN MECHANICAL ROOM ELECT			ZN03	Not Tested	
ISD	Boone County Governm	01	ROOM 136 VAULT			ZN08	Not Tested	
ISD	Boone County Governm	01	ROOM 136 VAULT			ZN08	Not Tested	
ISD	Boone County Governm	01	ROOM 136 VAULT CENTER NORTH			M1-1	Tested	Passed
ISD	Boone County Governm	01	ROOM 136 VAULT CENTER NORTH			M1-2	Tested	Passed
ISD	Boone County Governm	01	ROOM 136 VAULT CENTER SOUTH			M1-3	Tested	Passed
PSSA	Boone County Governm	01	ROOM 136 VAULT EXIT			M1-6	Tested	Passed

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Government Center

ALARM INITIATING DEVICES

DETAIL TEST RESULTS

<u>Dev</u> <u>Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust</u> <u>Zone</u>	<u>Cust</u> <u>Dev#</u>	<u>Address/</u> <u>Zone No.</u>	<u>Service</u> <u>Performed</u>	<u>Test</u> <u>Result</u>
'SD	Boone County Governm	01	ROOM 136 VAULT SOUTH			M1-4	Tested	Passed
'SSA	Boone County Governm	01	SOUTH CHAMBER ENTRANCE			ZN03	Not Tested	
SD	Boone County Governm	01	WEST ELECTRICAL CLOSET			ZN07	Not Tested	
'SSA	Boone County Governm	01	WEST EXIT			ZN03	Not Tested	
SD	Boone County Governm	02	EAST ELECTRICAL ROOM			ZN10	Not Tested	
RRHD	Boone County Governm	02	EAST ELECTRICAL ROOM				Not Tested	
'SSA	Boone County Governm	02	EAST STAIRWELL			ZN10	Not Tested	
SD	Boone County Governm	02	ELEVATOR LOBBY			ZN10	Not Tested	
'SSA	Boone County Governm	02	RM 232 ELECT STORAGE N EXIT			M1-13	Tested	Passed
'SSA	Boone County Governm	02	RM 232 ELECT STORAGE W EXIT			M1-14	Tested	Passed
'SD	Boone County Governm	02	RM 233 ELECTION STORAGE CN			M1-11	Tested	Passed
'SD	Boone County Governm	02	RM 233 ELECTION STORAGE CS			M1-9	Tested	Passed
'SD	Boone County Governm	02	RM 233 ELECTION STORAGE NE			M1-7	Tested	Passed
'SD	Boone County Governm	02	RM 233 ELECTION STORAGE NW			M1-12	Tested	Passed
'SD	Boone County Governm	02	RM 233 ELECTION STORAGE SE			M1-8	Tested	Passed
'SD	Boone County Governm	02	RM 233 ELECTION STORAGE SW			M1-10	Tested	Passed
SD	Boone County Governm	02	ROOM 222			ZN08	Not Tested	
'SD	Boone County Governm	02	ROOM 222 ABOVE FACP			M1-18	Tested	Passed
'SD	Boone County Governm	02	ROOM 222 NORTH			M1-17	Tested	Passed
'SD	Boone County Governm	02	ROOM 222 NORTH BY EXIT			M1-16	Tested	Passed
'SSA	Boone County Governm	02	ROOM 222 NORTH EXIT			M1-15	Tested	Passed
'SD	Boone County Governm	02	ROOM 222 SOUTHEAST			M1-19	Tested	Passed
'SSA	Boone County Governm	02	ROOM 222 SOUTHEAST EXIT			M1-20	Tested	Passed
'SD	Boone County Governm	02	ROOM 222 SUBFLOOR EC			M1-35	Tested	Passed
'SD	Boone County Governm	02	ROOM 222 SUBFLOOR NC			M1-32	Tested	Passed
'SD	Boone County Governm	02	ROOM 222 SUBFLOOR NW			M1-31	Tested	Passed
'SD	Boone County Governm	02	ROOM 222 SUBFLOOR SE			M1-36	Tested	Passed
'SD	Boone County Governm	02	ROOM 222 SUBFLOOR SW			M1-34	Tested	Passed
'SD	Boone County Governm	02	ROOM 222 SUBFLOOR WC			M1-33	Tested	Passed
SD	Boone County Governm	02	ROOM 225			ZN08	Not Tested	
'SSA	Boone County Governm	02	ROOM 225 NORTH EXIT			M1-21	Tested	Passed
'SD	Boone County Governm	02	ROOM 225 NORTHEAST			M1-23	Tested	Passed
'SSA	Boone County Governm	02	ROOM 225 NORTHEAST EXIT			M1-22	Tested	Passed
'SD	Boone County Governm	02	ROOM 225 NORTHWEST			M1-24	Tested	Passed
'SD	Boone County Governm	02	ROOM 225 SOUTHEAST			M1-25	Tested	Passed
'SD	Boone County Governm	02	ROOM 225 SOUTHWEST			M1-26	Tested	Passed

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Government Center

ALARM INITIATING DEVICES

DETAIL TEST RESULTS

<u>Dev</u> <u>Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust</u> <u>Zone</u>	<u>Cust</u> <u>Dev#</u>	<u>Address/</u> <u>Zone No.</u>	<u>Service</u> <u>Performed</u>	<u>Test</u> <u>Result</u>
'SD	Boone County Governm	02	ROOM 225 SUBFLOOR CE			M1-39	Tested	Passed
'SD	Boone County Governm	02	ROOM 225 SUBFLOOR CW			M1-40	Tested	Passed
'SD	Boone County Governm	02	ROOM 225 SUBFLOOR NE			M1-37	Tested	Passed
'SD	Boone County Governm	02	ROOM 225 SUBFLOOR NW			M1-38	Tested	Passed
'SD	Boone County Governm	02	ROOM 225 SUBFLOOR SE			M1-41	Tested	Passed
'SD	Boone County Governm	02	ROOM 225 SUBFLOOR SW			M1-42	Tested	Passed
SD	Boone County Governm	02	ROOM 233			ZN08	Not Tested	
SD	Boone County Governm	02	WEST ELECTRICAL ROOM			ZN10	Not Tested	
'RHD	Boone County Governm	02	WEST ELECTRICAL ROOM			ZN10	Not Tested	
'SSA	Boone County Governm	02	WEST STAIRWELL			ZN15	Not Tested	
'SSA	Boone County Governm	03	EAST STAIRWELL			ZN14	Not Tested	
SD	Boone County Governm	03	ELEVATOR LOBBY			ZN14	Not Tested	
DD	Boone County Governm	03	MECHANICAL ROOM AHU-3			ZN15	Not Tested	
'THD	Boone County Governm	03	TOP OF SHAFT			ZN03	Not Tested	
'SSA	Boone County Governm	03	WEST STAIRWELL			ZN15	Not Tested	

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Government Center

ALARM INDICATING DEVICES

SUMMARY TEST RESULTS

Dev. Type	Description	Total	Number Tested	Number Failed	Number Not Tested
A/V	Audio/Visual Signal Device	41	41	0	0
ANNC	Annunciator	1	1	0	0
VSIG	Visual Only Signal	19	19	0	0

DETAIL TEST RESULTS

Dev Type	Building	Floor	Area	Cust Zone	Cust Dev#	Address/ Zone No.	Service Performed	Test Result
/SIG	Boone County Governm	01	COLLECTOR OF REVENUE				Tested	Passed
\V	Boone County Governm	01	COLLECTOR OF REVENUE				Tested	Passed
\V	Boone County Governm	01	IN LOBBY				Tested	Passed
/SIG	Boone County Governm	01	IN ROOM 122				Tested	Passed
/SIG	Boone County Governm	01	IN ROOM 137				Tested	Passed
\V	Boone County Governm	01	IN ROOM 137				Tested	Passed
\V	Boone County Governm	01	IN ROOM 143 ASSESOR				Tested	Passed
\V	Boone County Governm	01	IN ROOM 143 ASSESOR				Tested	Passed
\V	Boone County Governm	01	IN VAULT 136				Tested	Passed
/SIG	Boone County Governm	01	MEN'S RESTROOM				Tested	Passed
\V	Boone County Governm	01	OUTSIDE VAULT 136				Tested	Passed
\V	Boone County Governm	01	ROOM 110 CHAMBERS				Tested	Passed
/SIG	Boone County Governm	01	WOMEN'S RESTROOM				Tested	Passed
\V	Boone County Governm	02	BY ROOM 244				Tested	Passed
\V	Boone County Governm	02	CENTER STAIRS				Tested	Passed
\V	Boone County Governm	02	ELEVATOR LOBBY				Tested	Passed
\V	Boone County Governm	02	IN ATRUIM				Tested	Passed
\V	Boone County Governm	02	IN ROOM 205				Tested	Passed
/SIG	Boone County Governm	02	IN ROOM 210				Tested	Passed
\V	Boone County Governm	02	IN ROOM 211				Tested	Passed
\V	Boone County Governm	02	IN ROOM 222				Tested	Passed
\V	Boone County Governm	02	IN ROOM 225				Tested	Passed
\V	Boone County Governm	02	IN ROOM 233				Tested	Passed
\V	Boone County Governm	02	IN ROOM 236				Tested	Passed
\V	Boone County Governm	02	IN ROOM 236				Tested	Passed

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Government Center

ALARM INDICATING DEVICES

DETAIL TEST RESULTS

<u>Dev</u> <u>Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust</u> <u>Zone</u>	<u>Cust</u> <u>Dev#</u>	<u>Address/</u> <u>Zone No.</u>	<u>Service</u> <u>Performed</u>	<u>Test</u> <u>Result</u>
√SIG	Boone County Governm	02	IN ROOM 237				Tested	Passed
√V	Boone County Governm	02	IN ROOM 237				Tested	Passed
√V	Boone County Governm	02	IN ROOM 245				Tested	Passed
√V	Boone County Governm	02	IN ROOM 245				Tested	Passed
√V	Boone County Governm	02	IT AREA				Tested	Passed
√SIG	Boone County Governm	02	MEN'S RESTROOM				Tested	Passed
√V	Boone County Governm	02	OUTSIDE ROOM 222				Tested	Passed
√NNC	Boone County Governm	02	OUTSIDE ROOM 222 IN IT AREA				Tested	Passed
√V	Boone County Governm	02	OUTSIDE ROOM 233				Tested	Passed
√V	Boone County Governm	02	ROOM 233				Tested	Passed
√V	Boone County Governm	02	ROOM 233 OUTSIDE NORTH				Tested	Passed
√V	Boone County Governm	02	ROOM 233 OUTSIDE WEST				Tested	Passed
√V	Boone County Governm	02	STAIR S-2 HALL				Tested	Passed
√SIG	Boone County Governm	02	WOMEN'S RESTROOM				Tested	Passed
√V	Boone County Governm	03	BY ROOM 304				Tested	Passed
√V	Boone County Governm	03	BY ROOM 309				Tested	Passed
√V	Boone County Governm	03	BY ROOM 315				Tested	Passed
√V	Boone County Governm	03	ELEVATOR LOBBY				Tested	Passed
√SIG	Boone County Governm	03	IN BREAKROOM 312				Tested	Passed
√SIG	Boone County Governm	03	IN CONFERENCE ROOM 306				Tested	Passed
√SIG	Boone County Governm	03	IN CONFERENCE ROOM 311				Tested	Passed
√SIG	Boone County Governm	03	IN CONFERENCE ROOM 332				Tested	Passed
√V	Boone County Governm	03	IN MAILROOM 308				Tested	Passed
√SIG	Boone County Governm	03	IN ROOM 301 CONFERENCE ROOM				Tested	Passed
√V	Boone County Governm	03	IN ROOM 307				Tested	Passed
√V	Boone County Governm	03	IN ROOM 315				Tested	Passed
√V	Boone County Governm	03	IN ROOM 315				Tested	Passed
√V	Boone County Governm	03	IN ROOM 315				Tested	Passed
√V	Boone County Governm	03	IN ROOM 315				Tested	Passed
√SIG	Boone County Governm	03	IN ROOM 315				Tested	Passed
√V	Boone County Governm	03	IN ROOM 333				Tested	Passed
√SIG	Boone County Governm	03	IN ROOM 333				Tested	Passed
√SIG	Boone County Governm	03	IN ROOM 338				Tested	Passed
√SIG	Boone County Governm	03	MEN'S RESTROOM				Tested	Passed
√V	Boone County Governm	03	OUTSIDE ROOM 333				Tested	Passed
√SIG	Boone County Governm	03	WOMEN'S RESTROOM				Tested	Passed

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Government Center

SUPERVISORY DEVICES

SUMMARY TEST RESULTS

<u>Dev. Type</u>	<u>Description</u>	<u>Total</u>	<u>Number Tested</u>	<u>Number Failed</u>	<u>Number Not Tested</u>
STS	Sprinkler Tamper Switch	2	0	0	2

DETAIL TEST RESULTS

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
STS	Boone County Governm	01	MAIN MECHANICAL ROOM				Not Tested	
STS	Boone County Governm	01	MAIN MECHANICAL ROOM				Not Tested	

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Government Center

CONTROL/AUXILIARY DEVICES

SUMMARY TEST RESULTS

<u>Dev. Type</u>	<u>Description</u>	<u>Total</u>	<u>Number Tested</u>	<u>Number Failed</u>	<u>Number Not Tested</u>
RDDC	Roll Down Door Controller	2	2	0	0
SPPS	Power Supply	1	1	0	0

DETAIL TEST RESULTS

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
RDDC	Boone County Governm		FLOOR 03 ROLL DOWN DOOR L				Tested	Passed
RDDC	Boone County Governm		FLOOR 03 ROLL DOWN DOOR R				Tested	Passed
SPPS	Boone County Governm	02	ROOM 222				Tested	Passed

SITE: Boone County Government Center

INSPECTION DEFICIENCIES SUMMARY

THERE WERE NO DEFICIENCIES NOTED DURING THIS INSPECTION

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

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SITE: Boone County Government Center

<u>Customer</u>	<u>Date</u>
 Robert Shuler	<u>12/20/13</u> Date
 Tim Holstein	<u>12/20/2013</u> Date

IF YOU HAVE ANY QUESTIONS REGARDING THIS REPORT, PLEASE CONTACT

Jim Bazzell Branch Service Manager

**Phone: (314) 739-4014
Address: 3787 Rider Trail South
Earth City, MO 63045**

04353920.B11

SimplexGrinnell

FIRE ALARM INSPECTION REPORT

June 2013 Inspection

PREPARED FOR

**Bob Davidson
Boone County Annex
613 East Ash Street
Columbia, MO 65203
(573) 886-4401**

12/19/2013

SimplexGrinnell

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Annex

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**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

PAGE 1

**Bob Davidson
Boone County Annex
613 East Ash Street
Columbia, MO 65203**

Thank you for choosing SimplexGrinnell as the provider of your Fire Alarm Inspection services, which were completed on December 19, 2013.

Upon arrival Fire Alarm Control Panel was showing a NAC 1 short. Further troubleshooting steps revealed that the audio visual device in the Kitchen when powered up created a short. Removed device from circuit and short cleared. Device is a CooperWheelock.

Batteries in Fire Alarm Control Panel failed load test and were replaced at customer request (5Ah-12 volt).

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

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SITE: Boone County Annex

Monitoring Agency:

Authority Having Jurisdiction:

Inspection Service:

**SimplexGrinnell
3787 Rider Trail South
Earth City, MO 63045
Phone: (314) 739-4014**

Main: (314) 739-4014

License No.:

Service Mgr: Jim Bazzell

Inspector: Robert Shuler

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Annex

CONTROL PANEL/CENTRAL PROCESSING UNIT

FCI 7100

Serial #

Building: Boone County Annex Floor: BST Area: MECHANICAL ROOM

<u>Test Performed</u>	<u>Result</u>	<u>Value</u>	<u>Notes</u>
Voltage w/ Charger	Passed	27.2	
Voltage w/o Charger	Not Applicable		
Battery % of Charge	Failed/Replaced		Failed Load Test
Battery Age Check	Passed		
Control Function(s)	Passed		

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

PAGE 4

SITE: Boone County Annex

ALARM INITIATING DEVICES

SUMMARY TEST RESULTS

<u>Dev. Type</u>	<u>Description</u>	<u>Total</u>	<u>Number Tested</u>	<u>Number Failed</u>	<u>Number Not Tested</u>
PDD	Photo Duct Smoke Detector	1	1	0	0
PSD	Photo Smoke Detector	4	4	0	0
PSSA	Pull Station-Single Action	4	4	0	0

DETAIL TEST RESULTS

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
PSSA	Boone County Annex	01	MAIN ENTRANCE			L1M09	Tested	Passed
PSSA	Boone County Annex	01	NORTHEAST EXIT			L1M10	Tested	Passed
PSD	Boone County Annex	01	WAREHOUSE			L1S08	Tested	Passed
PSSA	Boone County Annex	01	WAREHOUSE EXIT			L1M07	Tested	Passed
PSD	Boone County Annex	BST	DISPOSITION CLOSET			L1S02	Tested	Passed
PSD	Boone County Annex	BST	DISPOSITION STORAGE			L1S01	Tested	Passed
PSSA	Boone County Annex	BST	ENTRANCE			L1M03	Tested	Passed
PSD	Boone County Annex	BST	MECHANICAL ROOM			L1S04	Tested	Passed
PDD	Boone County Annex	BST	MECHANICAL ROOM			L1S05	Tested	Passed

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Annex

ALARM INDICATING DEVICES

SUMMARY TEST RESULTS

<u>Dev. Type</u>	<u>Description</u>	<u>Total</u>	<u>Number Tested</u>	<u>Number Failed</u>	<u>Number Not Tested</u>
A/V	Audio/Visual Signal Device	8	8	1	0
VSIG	Visual Only Signal	3	3	0	0

DETAIL TEST RESULTS

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
A/V	Boone County Annex	01	BY ROOM 107				Tested	Passed
A/V	Boone County Annex	01	BY ROOM 109				Tested	Passed
A/V	Boone County Annex	01	BY WOMEN'S RESTROOM				Tested	Passed
A/V	Boone County Annex	01	FRONT ENTRANCE				Tested	Passed
A/V	Boone County Annex	01	GARAGE EXIT				Tested	Passed
VSIG	Boone County Annex	01	IN ROOM 101				Tested	Passed
A/V	Boone County Annex	01	KITCHEN EXIT				Tested	Failed
See Report Comments								
VSIG	Boone County Annex	01	MEN'S RESTROOM				Tested	Passed
VSIG	Boone County Annex	01	WOMEN'S RESTROOM				Tested	Passed
A/V	Boone County Annex	BST	BASEMENT ENTRANCE				Tested	Passed
A/V	Boone County Annex	BST	BY FACP				Tested	Passed

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Annex

CONTROL/AUXILIARY DEVICES

SUMMARY TEST RESULTS

<u>Dev. Type</u>	<u>Description</u>	<u>Total</u>	<u>Number Tested</u>	<u>Number Failed</u>	<u>Number Not Tested</u>
AUXC	Auxillary Control	1	1	0	0

DETAIL TEST RESULTS

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
AUXC	Boone County Annex		AIR HANDLER SHUTDOWN				Tested	Passed

SITE: Boone County Annex

INSPECTION DEFICIENCIES SUMMARY

THE FOLLOWING DEFICIENCIES WERE NOTED DURING THIS INSPECTION

I. Deficiencies Covered by Your Service Agreement - Corrected by Inspection Team

None

II. Deficiencies Covered by Your Service Agreement - Service Call Required

None

III. Deficiencies Not Covered by Your Service Agreement

None

IV. Deficiencies Identified During This Inspection That Are The Customer's Responsibility

1	Audio/Visual Signal Device	Failed
1	Control Panel-Multiplex	Failed

Customer Acknowledges responsibility for
deficiencies listed above

Customer

Date

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Annex

INSPECTION DEFICIENCIES

I. Deficiencies Covered by Your Service Agreement - Corrected by Inspection Team

<u>Dev</u> <u>Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust</u> <u>Zone</u>	<u>Cust</u> <u>Dev#</u>	<u>Address/</u> <u>Zone No.</u>	<u>Service</u> <u>Performed</u>	<u>Test</u> <u>Result</u>
	None							

II. Deficiencies Covered by Your Service Agreement - Service Call Required

<u>Dev</u> <u>Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust</u> <u>Zone</u>	<u>Cust</u> <u>Dev#</u>	<u>Address/</u> <u>Zone No.</u>	<u>Service</u> <u>Performed</u>	<u>Test</u> <u>Result</u>
	None							

III. Deficiencies Not Covered by Your Service Agreement

<u>Dev</u> <u>Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust</u> <u>Zone</u>	<u>Cust</u> <u>Dev#</u>	<u>Address/</u> <u>Zone No.</u>	<u>Service</u> <u>Performed</u>	<u>Test</u> <u>Result</u>
	None							

V. Deficiencies Identified During This Inspection That Are The Customer's Responsibility

<u>Dev</u> <u>Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust</u> <u>Zone</u>	<u>Cust</u> <u>Dev#</u>	<u>Address/</u> <u>Zone No.</u>	<u>Service</u> <u>Performed</u>	<u>Test</u> <u>Result</u>
A/V	Boone County Annex	01	KITCHEN EXIT				Tested	Failed
CPMX	Boone County Annex	BST	MECHANICAL ROOM			See Report Comments	Tested	Failed
						Failed Load Test		

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Annex

Customer



Robert Shuler

Date

12/19/13

Date



Tim Holstein

12/19/2013

Date

IF YOU HAVE ANY QUESTIONS REGARDING THIS REPORT, PLEASE CONTACT

Jim Bazzell Branch Service Manager

**Phone: (314) 739-4014
Address: 3787 Rider Trail South
Earth City, MO 63045**

SimplexGrinnell

FIRE ALARM INSPECTION REPORT

June 2013 Inspection

PREPARED FOR

**Bob Davidson
Boone County Fairgrounds
5000 N Oakland Gravel Rd
Columbia, MO 65202
(573) 886-4401**

12/19/2013

SimplexGrinnell

SimplexGrinnell
FIRE ALARM INSPECTION REPORT

SITE: Boone County Fairgrounds

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**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

PAGE 1

**Bob Davidson
Boone County Fairgrounds
5000 N Oakland Gravel Rd
Columbia, MO 65202**

Thank you for choosing SimplexGrinnell as the provider of your Fire Alarm Inspection services, which were completed on December 19, 2013.

Upon arrival Fire Alarm Control Panel was showing multiple troubles:

**High Rate of Charge on Battery
Dual Signal Unit Circuit board showing troubles on both signal circuits
All LED's on FACP were not functioning**

Further troubleshooting revealed batteries were connected improperly. Batteries failed load/voltage test. Replaced batteries at customer request (2 - 8.0 Ah 12 volt).

In addition the AC Trans Control wire#14 when wired in place on the Dual Signal Unit card caused the FACP to go into high rate condition and for Power Supply to lose DC voltage. At customer request, left Red wire that was connected to terminal #14 disconnected. Wire has blue wire nut and #14 written on wire nut.

Audio visual devices located in the Multipurpose Area and East and Floor 02 in the Arena Area failed to alarm when tested. These devices are powered by the Dual Signal Unit Card that is not functioning.

Part number for Dual Unit Signal Card is ASSY/MESK-1684 DSU-BOARD

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

PAGE 2

SITE: Boone County Fairgrounds

Monitoring Agency:

Central Dispatch

(800) 392-1310

Authority Having Jurisdiction:

Inspection Service:

**SimplexGrinnell
3787 Rider Trail South
Earth City, MO 63045
Phone: (314) 739-4014**

Main: (314) 739-4014

License No.:

**Service Mgr: Jim Bazzell
Inspector: Robert Shuler**

SimplexGrinnell
FIRE ALARM INSPECTION REPORT

PAGE 3

SITE: Boone County Fairgrounds

CONTROL PANEL/CENTRAL PROCESSING UNIT

FCI 7200

Serial #

Building: Fairgrounds Arena Floor: 01 Area: MULTI SOUNDROOM

<u>Test Performed</u>	<u>Result</u>	<u>Value</u>	<u>Notes</u>
Voltage w/ Charger	Passed	26.6	
Voltage w/o Charger	Not Applicable		
Battery % of Charge	Failed/Replaced		Failed Load Test
Battery Age Check	Passed		
Zone Trouble	Passed		
Signal Trouble	Passed		
Type Signal Circuit	Passed		
AC Input Voltage	Passed	118.9	
Earth Detection	Not Applicable		
Lamps/LED Test	Passed		
Drill Switch	Not Applicable		
Control Function(s)	Failed		See Report Comments

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Fairgrounds

ALARM INITIATING DEVICES

SUMMARY TEST RESULTS

Dev. Type	Description	Total	Number Tested	Number Failed	Number Not Tested
PSDA	Pull Station-Double Action	15	15	0	0
WF	Water Flow Detector	2	2	0	0

DETAIL TEST RESULTS

Dev Type	Building	Floor	Area	Cust Zone	Cust Dev#	Address/ Zone No.	Service Performed	Test Result
PSDA	Fairgrounds Arena	01	EAST MULTI #13			ZN04	Tested	Passed
PSDA	Fairgrounds Arena	01	EAST MULTI #14			ZN04	Tested	Passed
PSDA	Fairgrounds Arena	01	EAST MULTI #15			ZN03	Tested	Passed
PSDA	Fairgrounds Arena	01	EAST MULTI #16			ZN03	Tested	Passed
PSDA	Fairgrounds Arena	01	NORTH ARENA #3			ZN01	Tested	Passed
PSDA	Fairgrounds Arena	01	NORTH ARENA #5			ZN01	Tested	Passed
PSDA	Fairgrounds Arena	01	NORTH MULTI #1			ZN03	Tested	Passed
PSDA	Fairgrounds Arena	01	NORTH MULTI #2			ZN03	Tested	Passed
WF	Fairgrounds Arena	01	NORTH SPRINKLER AREA			ZN06	Tested	Passed
							Retard Setting: 29 Seconds Electrical Test Only	
WF	Fairgrounds Arena	01	NORTH SPRINKLER AREA			ZN06	Tested	Passed
							Retard Setting: 14 Seconds Electrical Test Only	
PSDA	Fairgrounds Arena	01	SOUTH ARENA #10			ZN02	Tested	Passed
PSDA	Fairgrounds Arena	01	SOUTH ARENA #8			ZN02	Tested	Passed
PSDA	Fairgrounds Arena	01	SOUTH ARENA #9			ZN02	Tested	Passed
PSDA	Fairgrounds Arena	01	SOUTH MULTI #11			ZN04	Tested	Passed
PSDA	Fairgrounds Arena	01	SOUTH MULTI #12			ZN04	Tested	Passed
PSDA	Fairgrounds Arena	01	WEST ARENA #6			ZN01	Tested	Passed
PSDA	Fairgrounds Arena	01	WEST ARENA #7			ZN01	Tested	Passed

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Fairgrounds

ALARM INDICATING DEVICES

SUMMARY TEST RESULTS

<u>Dev. Type</u>	<u>Description</u>	<u>Total</u>	<u>Number Tested</u>	<u>Number Failed</u>	<u>Number Not Tested</u>
A/V	Audio/Visual Signal Device	18	18	10	0
VSIG	Visual Only Signal	3	3	0	0

DETAIL TEST RESULTS

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
A/V	Fairgrounds Arena	01	EAST ARENA #16				Tested	Failed
				No alarm when tested				
A/V	Fairgrounds Arena	01	EAST ARENA #17				Tested	Failed
				No alarm when tested				
A/V	Fairgrounds Arena	01	EAST MULTI #13				Tested	Failed
				No alarm when tested				
A/V	Fairgrounds Arena	01	EAST MULTI #14				Tested	Failed
				No alarm when tested				
VSIG	Fairgrounds Arena	01	MEN'S RESTROOM NORTH				Tested	Passed
A/V	Fairgrounds Arena	01	NORTH ARENA #3				Tested	Passed
A/V	Fairgrounds Arena	01	NORTH ARENA #4				Tested	Passed
A/V	Fairgrounds Arena	01	NORTH MULTI #1				Tested	Failed
				No alarm when tested				
A/V	Fairgrounds Arena	01	NORTH MULTI #2				Tested	Failed
				No alarm when tested				
A/V	Fairgrounds Arena	01	SOUTH ARENA #10				Tested	Passed
A/V	Fairgrounds Arena	01	SOUTH ARENA #7				Tested	Passed
A/V	Fairgrounds Arena	01	SOUTH ARENA #8				Tested	Passed
A/V	Fairgrounds Arena	01	SOUTH ARENA #9				Tested	Passed
A/V	Fairgrounds Arena	01	SOUTH MULTI #11				Tested	Failed
				No alarm when tested				
A/V	Fairgrounds Arena	01	SOUTH MULTI #12				Tested	Failed
				No alarm when tested				
VSIG	Fairgrounds Arena	01	WEST ARENA #15				Tested	Passed
A/V	Fairgrounds Arena	01	WEST ARENA #5				Tested	Passed

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Fairgrounds

ALARM INDICATING DEVICES

DETAIL TEST RESULTS

<u>Dev</u> <u>Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust</u> <u>Zone</u>	<u>Cust</u> <u>Dev#</u>	<u>Address/</u> <u>Zone No.</u>	<u>Service</u> <u>Performed</u>	<u>Test</u> <u>Result</u>
A/V	Fairgrounds Arena	01	WEST ARENA #6				Tested	Passed
VSIG	Fairgrounds Arena	01	WOMEN'S RESTROOM NORTH				Tested	Passed
A/V	Fairgrounds Arena	02	EAST ARENA #18				Tested	Failed
						No alarm when tested		
A/V	Fairgrounds Arena	02	EAST ARENA #19				Tested	Failed
						No alarm when tested		

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Fairgrounds

SUPERVISORY DEVICES

SUMMARY TEST RESULTS

<u>Dev. Type</u>	<u>Description</u>	<u>Total</u>	<u>Number Tested</u>	<u>Number Failed</u>	<u>Number Not Tested</u>
BVTS	Butter-Fly Valve Tamper Switch	2	2	0	0
DIAL	Telephone Dialer	1	1	0	0
FPOP	Fire Pump	1	0	0	1

DETAIL TEST RESULTS

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
FPOP	Fairgrounds Arena	01	FIRE PUMP RUNNING					
				Device not tested				Not Tested
BVTS	Fairgrounds Arena	01	NORTH ARENA SPRINKLER AREA			ZN05	Tested	Passed
BVTS	Fairgrounds Arena	01	NORTH ARENA SPRINKLER AREA			ZN05	Tested	Passed
DIAL	Fairgrounds Arena	01	NORTHEAST ELECTRICAL RM				Tested	Passed

SITE: Boone County Fairgrounds

INSPECTION DEFICIENCIES SUMMARY

THE FOLLOWING DEFICIENCIES WERE NOTED DURING THIS INSPECTION

I. Deficiencies Covered by Your Service Agreement - Corrected by Inspection Team

None

II. Deficiencies Covered by Your Service Agreement - Service Call Required

None

III. Deficiencies Not Covered by Your Service Agreement

None

IV. Deficiencies Identified During This Inspection That Are The Customer's Responsibility

10	Audio/Visual Signal Device	Failed
1	Control Panel-Hard Wired	Failed

Customer Acknowledges responsibility for
deficiencies listed above

Customer

Date

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Fairgrounds

INSPECTION DEFICIENCIES

I. Deficiencies Covered by Your Service Agreement - Corrected by Inspection Team

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
None								

II. Deficiencies Covered by Your Service Agreement - Service Call Required

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
None								

III. Deficiencies Not Covered by Your Service Agreement

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
None								

IV. Deficiencies Identified During This Inspection That Are The Customer's Responsibility

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
A/V	Fairgrounds Arena	01	EAST ARENA #16				Tested	Failed
A/V	Fairgrounds Arena	01	EAST ARENA #17			No alarm when tested	Tested	Failed
A/V	Fairgrounds Arena	01	EAST MULTI #13			No alarm when tested	Tested	Failed
A/V	Fairgrounds Arena	01	EAST MULTI #14			No alarm when tested	Tested	Failed
CPHW	Fairgrounds Arena	01	MULTI SOUNDROOM			No alarm when tested	Tested	Failed
						Failed Load Test See Report Comments		
A/V	Fairgrounds Arena	01	NORTH MULTI #1				Tested	Failed
A/V	Fairgrounds Arena	01	NORTH MULTI #2			No alarm when tested	Tested	Failed
A/V	Fairgrounds Arena	01	SOUTH MULTI #11			No alarm when tested	Tested	Failed

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

SITE: Boone County Fairgrounds

INSPECTION DEFICIENCIES

IV. Deficiencies Identified During This Inspection That Are The Customer's Responsibility

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
A/V	Fairgrounds Arena	01	SOUTH MULTI #11				...continued...	
A/V	Fairgrounds Arena	01	SOUTH MULTI #12			No alarm when tested	Tested	Failed
A/V	Fairgrounds Arena	02	EAST ARENA #18			No alarm when tested	Tested	Failed
A/V	Fairgrounds Arena	02	EAST ARENA #19			No alarm when tested	Tested	Failed

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

PAGE 11

SITE: Boone County Fairgrounds

Customer

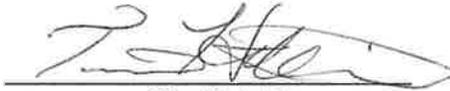


Robert Shuler

Date

12/19/13

Date



Tim Holstein

12/19/2013

Date

IF YOU HAVE ANY QUESTIONS REGARDING THIS REPORT, PLEASE CONTACT

Jim Bazzell Branch Service Manager

**Phone: (314) 739-4014
Address: 3787 Rider Trail South
Earth City, MO 63045**

01430820.B06

SimplexGrinnell

FIRE ALARM INSPECTION REPORT

June 2013 Inspection

PREPARED FOR

**Don Roddy
Boone County Juvenile Justice
Center 5665 Roger
Wilson Memorial Drive
Columbia, MO 65202
(573) 886-4401**

11/14/2013

SimplexGrinnell

SimplexGrinnell
FIRE ALARM INSPECTION REPORT

SITE: Boone County Juvenile Justice

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**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

PAGE 1

**Don Roddy
Boone County Juvenile Justice
Center 5665 Roger
Wilson Memorial Drive
Columbia, MO 65202**

Thank you for choosing SimplexGrinnell as the provider of your Fire Alarm Inspection services, which were completed on November 14, 2013.

Alarm was transmitted to Central Dispatch at 12:56 pm during audio visual testing and verified by Rob Shuler at 14:55 pm.

Smoke detector in A-Wing School Area and (1) in Multipurpose Area is too close to the vent, is dirty and should be cleaned. All smoke detectors should be located a minimum of three feet from all air circulation vents.

Duct Detectors in the Multipurpose Room could not be reached to be tested with smoke (Except RTU #9). In order to test devices with smoke, ceiling tile grids will need to be removed and all detectors will have to be accessed with a lift. All devices in Multipurpose Room were tested with 14ft ladder, extension pole with magnet.

Duct detectors located in A,B,C, and D Wings could not be access to be tested. These devices are located above a hard ceiling and require access hatch to be installed in order to be accessed or located.

**SimplexGrinnell
FIRE ALARM INSPECTION REPORT**

PAGE 2

SITE: Boone County Juvenile Justice

Monitoring Agency:

ACC

(800) 392-1310

Authority Having Jurisdiction:

Inspection Service:

**SimplexGrinnell
3787 Rider Trail S
Earth City, MO 63045
Phone: (314) 739-4014
Fax: (314) 734-3755**

License No.:

**Service Mgr: Jim Bazzell
Inspector: Robert Shuler**

SITE: Boone County Juvenile Justice

CONTROL PANEL/CENTRAL PROCESSING UNIT

FCI 7200

Serial #

Building: BCJJC Floor: 01 Area: CONTROL ROOM

<u>Test Performed</u>	<u>Result</u>	<u>Value</u>	<u>Notes</u>
Voltage w/ Charger	Passed	27.8	
Voltage w/o Charger	Passed	25.7	
Battery % of Charge	Passed	97.5	
Battery Age Check	Passed		
Zone Trouble	Passed		
Signal Trouble	Passed		
Type Signal Circuit	Passed		
AC Input Voltage	Passed	121.8	
Earth Detection	Not Applicable		
Lamps/LED Test	Passed		
Drill Switch	Not Applicable		
Control Function(s)	Passed		

SITE: Boone County Juvenile Justice

ALARM INITIATING DEVICES

SUMMARY TEST RESULTS

Dev. Type	Description	Total	Number Tested	Number Failed	Number Not Tested
FTHD	Fixed Temp Heat Detector	1	1	0	0
ISD	Ionization Smoke Detector	4	4	0	0
PDD	Photo Duct Smoke Detector	17	9	0	8
PSD	Photo Smoke Detector	24	24	0	0
PSDA	Pull Station-Double Action	4	4	0	0
RRHD	Rate of Rise Heat Detector	4	4	0	0
WF	Water Flow Detector	1	1	0	0

DETAIL TEST RESULTS

Dev Type	Building	Floor	Area	Cust Zone	Cust Dev#	Address/ Zone No.	Service Performed	Test Result
PSD	BCJJC	01	A-WING			ZN05	Tested	Passed
PSD	BCJJC	01	A-WING			ZN05	Tested	Passed
PDD	BCJJC	01	A-WING RETURN				Not Tested	
				Access could not be gained				
PSD	BCJJC	01	A-WING SCHOOL AREA			ZN06	Tested	Passed
				See Report Comments				
PDD	BCJJC	01	A-WING SUPPLY				Not Tested	
				Access could not be gained				
PSD	BCJJC	01	ADMISSIONS AREA			ZN06	Tested	Passed
PSDA	BCJJC	01	ADMISSIONS AREA			ZN06	Tested	Passed
FTHD	BCJJC	01	ADMISSIONS AREA STORAGE			ZN06	Tested	Passed
				Visual Check only-Fixed Temp				
PSD	BCJJC	01	B-WING			ZN04	Tested	Passed
ISD	BCJJC	01	B-WING			ZN04	Tested	Passed
ISD	BCJJC	01	B-WING			ZN04	Tested	Passed
PSD	BCJJC	01	B-WING			ZN04	Tested	Passed
PDD	BCJJC	01	B-WING RETURN				Not Tested	
				Access could not be gained				
PSD	BCJJC	01	B-WING SCHOOL AREA			ZN06	Tested	Passed
PDD	BCJJC	01	B-WING SUPPLY				Not Tested	
				Access could not be gained				
PSD	BCJJC	01	BREAKROOM			ZN07	Tested	Passed
PSD	BCJJC	01	BY FRONT ELECTRICAL CLOSET			ZN07	Tested	Passed
PSD	BCJJC	01	C-WING DAYROOM			ZN03	Tested	Passed
PSD	BCJJC	01	C-WING HALL			ZN03	Tested	Passed
PDD	BCJJC	01	C-WING RETURN				Not Tested	
				Access could not be gained				
PDD	BCJJC	01	C-WING SUPPLY				Not Tested	

SITE: Boone County Juvenile Justice

ALARM INITIATING DEVICES

DETAIL TEST RESULTS

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
PDD	BCJJC	01	C-WING SUPPLY				...continued...	
				Access could not be gained				
ISD	BCJJC	01	CLASSROOM (MULTIPURPOSE)			ZN08	Tested	Passed
ISD	BCJJC	01	CLASSROOM (MULTIPURPOSE)			ZN08	Tested	Passed
PSDA	BCJJC	01	CONTROL ROOM			ZN02	Tested	Passed
PSD	BCJJC	01	D-WING DAYROOM			ZN04	Tested	Passed
PSD	BCJJC	01	D-WING HALL			ZN04	Tested	Passed
PDD	BCJJC	01	D-WING RETURN				Not Tested	
				Access could not be gained				
PDD	BCJJC	01	D-WING SUPPLY				Not Tested	
				Access could not be gained				
PSD	BCJJC	01	E-WING HALL			ZN05	Tested	Passed
PDD	BCJJC	01	E-WING RTU#4 RETURN			ZN05	Tested	Passed
				See Report Comments				
PDD	BCJJC	01	E-WING RTU#4 SUPPLY			ZN05	Tested	Passed
				See Report Comments				
PSD	BCJJC	01	EAST WING DAYROOM			ZN05	Tested	Passed
PSD	BCJJC	01	EAST WING STORAGE/ELECTRICAL			ZN05	Tested	Passed
RRHD	BCJJC	01	IN FILE ROOM			ZN07	Tested	Passed
PSD	BCJJC	01	IN FRONT ELECTRICAL CLOSET			ZN07	Tested	Passed
RRHD	BCJJC	01	IN KITCHEN			ZN02	Tested	Passed
RRHD	BCJJC	01	IN KITCHEN			ZN02	Tested	Passed
PSDA	BCJJC	01	MAIN ENTRANCE			ZN07	Tested	Passed
PSD	BCJJC	01	MAIN ENTRANCE LOBBY			ZN06	Tested	Passed
PSD	BCJJC	01	MAIN MECHANICAL ROOM			ZN02	Tested	Passed
RRHD	BCJJC	01	MAINTENANCE OFFICE			ZN02	Tested	Passed
PSDA	BCJJC	01	MULTIPURPOSE MONITOR AREA			ZN07	Tested	Passed
PDD	BCJJC	01	MULTIPURPOSE RM RTU# 1 SUPPLY			ZN08	Tested	Passed
				See Report Comments				
PDD	BCJJC	01	MULTIPURPOSE RM RTU#1 RETURN			ZN08	Tested	Passed
				See Report Comments				
PDD	BCJJC	01	MULTIPURPOSE RM RTU#5 RETURN			ZN07	Tested	Passed
				See Report Comments				
PDD	BCJJC	01	MULTIPURPOSE RM RTU#5 SUPPLY			ZN07	Tested	Passed
				See Report Comments				
PDD	BCJJC	01	MULTIPURPOSE RM RTU#8 RETURN			ZN08	Tested	Passed
				See Report Comments				
PDD	BCJJC	01	MULTIPURPOSE RM RTU#8 SUPPLY			ZN08	Tested	Passed
				See Report Comments				
PDD	BCJJC	01	MULTIPURPOSE RM RTU#9 CLASSRM			ZN08	Tested	Passed

SITE: Boone County Juvenile Justice

ALARM INITIATING DEVICES

DETAIL TEST RESULTS

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
PSD	BCJJC	01	MULTIPURPOSE ROOM			ZN01	Tested	Passed
PSD	BCJJC	01	MULTIPURPOSE ROOM			ZN01	Tested	Passed
PSD	BCJJC	01	MULTIPURPOSE ROOM			ZN01	Tested	Passed
PSD	BCJJC	01	MULTIPURPOSE ROOM			ZN01	Tested	Passed
PSD	BCJJC	01	MULTIPURPOSE ROOM			ZN01	Tested	Passed
WF	BCJJC	01	SPRINKLER ROOM			ZN02	Tested	Passed

Retard Setting: 27 Seconds

SITE: Boone County Juvenile Justice

ALARM INDICATING DEVICES

SUMMARY TEST RESULTS

<u>Dev. Type</u>	<u>Description</u>	<u>Total</u>	<u>Number Tested</u>	<u>Number Failed</u>	<u>Number Not Tested</u>
A/V	Audio/Visual Signal Device	8	8	0	0
ANNC	Annunciator	1	1	0	0
BELL	Bell	1	1	0	0
VSIG	Visual Only Signal	10	10	0	0

DETAIL TEST RESULTS

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
A/V	BCJJC	01	A-WING				Tested	Passed
A/V	BCJJC	01	ADMISSIONS AREA				Tested	Passed
VSIG	BCJJC	01	BREAKROOM				Tested	Passed
VSIG	BCJJC	01	BREAKROOM RESTROOM				Tested	Passed
VSIG	BCJJC	01	BREAKROOM RESTROOM				Tested	Passed
A/V	BCJJC	01	BY ELECTRICAL CLOSET FRONT				Tested	Passed
VSIG	BCJJC	01	BY KITCHEN				Tested	Passed
A/V	BCJJC	01	C-WING HALL				Tested	Passed
VSIG	BCJJC	01	CONFERENCE ROOM				Tested	Passed
A/V	BCJJC	01	D-WING HALL				Tested	Passed
VSIG	BCJJC	01	E-WING				Tested	Passed
VSIG	BCJJC	01	E-WING				Tested	Passed
ANNC	BCJJC	01	FRONT MAIN ENTRANCE				Tested	Passed
A/V	BCJJC	01	IN B-WING				Tested	Passed
A/V	BCJJC	01	IN B-WING				Tested	Passed
VSIG	BCJJC	01	LOBBY				Tested	Passed
VSIG	BCJJC	01	MEN'S LOBBY RESTROOM				Tested	Passed
A/V	BCJJC	01	MULTIPURPOSE ROOM				Tested	Passed
BELL	BCJJC	01	OUTSIDE BY SPRINKLER ROOM				Tested	Passed
VSIG	BCJJC	01	WOMEN'S LOBBY RESTROOM				Tested	Passed

SITE: Boone County Juvenile Justice

SUPERVISORY DEVICES

SUMMARY TEST RESULTS

<u>Dev. Type</u>	<u>Description</u>	<u>Total</u>	<u>Number Tested</u>	<u>Number Failed</u>	<u>Number Not Tested</u>
DIAL	Telephone Dialer	1	1	0	0
STS	Sprinkler Tamper Switch	3	3	0	0

DETAIL TEST RESULTS

<u>Dev Type</u>	<u>Building</u>	<u>Floor</u>	<u>Area</u>	<u>Cust Zone</u>	<u>Cust Dev#</u>	<u>Address/ Zone No.</u>	<u>Service Performed</u>	<u>Test Result</u>
DIAL	BCJC	01	IN FRONT ELECTRICAL CLOSET				Tested	Passed
STS	BCJC	01	MAIN ENTRANCE/GENERATOR				Tested	Passed
STS	BCJC	01	SPRINKLER ROOM			ZN01	Tested	Passed
STS	BCJC	01	SPRINKLER ROOM			ZN01	Tested	Passed

SITE: Boone County Juvenile Justice

INSPECTION DEFICIENCIES SUMMARY

THERE WERE NO DEFICIENCIES NOTED DURING THIS INSPECTION

SITE: Boone County Juvenile Justice

_____	_____
Customer	Date
_____	_____
Robert Shuler	Date
_____	_____
Kenny Vaughan	Date

IF YOU HAVE ANY QUESTIONS REGARDING THIS REPORT, PLEASE CONTACT

Jim Bazzell Branch Service Manager

**Phone: (314) 739-4014
Fax: (314) 734-3755
Address: 3787 Rider Trail S
Earth City, MO 63045**

02103983.B06

4. REVISED Response Form

- 4.1. Company Name: _____
- 4.2. Address: _____
- 4.3. City/Zip: _____
- 4.4. Phone Number: _____
- 4.5. Fax Number: _____
- 4.6. E-Mail Address: _____
- 4.7. Federal Tax ID: _____
- 4.7.1. () Corporation
- () Partnership - Name _____
- () Individual/Proprietorship - Individual Name _____
- () Other (Specify) _____

4.8. PRICING – The bidder must complete the following pages in their entirety for each item identified below. The bidder must also complete and return Attachment A, Prior Experience.

	Service	Quantity	Unit Price	Extended Price
4.8.1.	SERVICE LOCATION: Courthouse			
4.8.1.2.	Obstruction Inspection - Performed once every 5 Years	2	\$	\$
4.8.1.3.	Wet Sprinkler System Inspection	1	\$	\$
4.8.1.4.	Dry Pipe System Inspection	1	\$	\$
4.8.1.5.	Fire Alarm Test & Inspection	1	\$	\$
4.8.2.	SERVICE LOCATION: Government Center			
4.8.2.1.	Obstruction Inspection - Performed once every 5 Years	1	\$	\$
4.8.2.2.	Wet Sprinkler System Inspection	1	\$	\$
4.8.2.3.	Fire Alarm Test & Inspection	1	\$	\$
4.8.2.4.	Semi-Annual Novec 1230 Clean Agent Fire Suppression System Inspection	2	\$	\$
4.8.3.	SERVICE LOCATION: Boone County Annex Building			
4.8.3.1.	Fire Alarm Test & Inspection	1	\$	\$
4.8.4.	SERVICE LOCATION: Central MO Events Center			
4.8.4.1.	Obstruction Inspection - Performed once every 5 Years	1	\$	\$
4.8.4.2.	Wet Sprinkler System Inspection	1	\$	\$
4.8.4.3.	Fire Alarm Test & Inspection	1	\$	\$

4.8.5.	SERVICE LOCATION: Johnson Building			
4.8.5.1.	Fire Alarm Test & Inspection	1	\$	\$
4.8.6.	SERVICE LOCATION: Juvenile Justice Center			
4.8.6.1.	Obstruction Inspection - Performed once every 5 Years	1	\$	\$
4.8.6.2.	Wet Sprinkler System Inspection	1	\$	\$
4.8.6.3.	Fire Alarm Test & Inspection	1	\$	\$
4.8.7.	SERVICE LOCATION: North Facility			
4.8.7.1.	Fire Alarm Test & Inspection	1	\$	\$
4.8.8.	REPAIRS			
4.8.8.1.	Hourly Rate During Regular Business Hours: Monday – Friday, 8:00 a.m. – 5:00 p.m.			\$
4.8.8.2.	Hourly Rate During Evening Hours After 5:00 p.m. or on Saturday			\$
4.8.9.	PARTS - All parts and material will be at the published List Price List from the Manufacturer less a % discount.			
4.8.9.1.	Please provide the % off list discount amount:			%
4.8.10.	RENEWALS – The bidder shall indicate below the maximum increase or decrease for each potential renewal period.			
4.8.10.1.	_____ % Increase / Decrease 1 st Renewal Period (April 1, 2015 to March 31, 2016)			
4.8.10.2.	_____ % Increase / Decrease 2 nd Renewal Period (April 1, 2016 to March 31, 2017)			
4.8.10.3.	_____ % Increase / Decrease 3 rd Renewal Period (April 1, 2017 to March 31, 2018)			
4.8.10.4.	_____ % Increase / Decrease 4 th Renewal Period (April 1, 2018 to March 31, 2019)			

4.9.	EMERGENCY CONTACT Twenty Four Hour Service Contact:
	Name:
	Telephone Number:
4.10.	Call Response Time Within _____ hours after notification by the County.
4.11.	Holidays – Bidder shall list holidays observed by their company:

4.12. **The undersigned offers to furnish and deliver the articles or services as specified at the prices and terms stated and in strict accordance with the specifications, instructions and general conditions of bidding which have been read and understood, and all of which are made part of this order.**

4.12.1. Authorized Representative (Sign By Hand):

4.12.2. Type or Print Signed Name:

4.12.3. Today's Date: _____

4.13. Will you honor the submitted prices for purchase by other entities in Boone County who participate in cooperative purchasing with Boone County, Missouri?

_____ Yes _____ No

***REVISED* ATTACHMENT B - BOONE COUNTY SERVICE LOCATIONS & SYSTEMS**

Service Location	Quantity / Frequency	Description of System
Boone County Courthouse, 701 E. Walnut	1 / Annual	WET SPRINKLER SYSTEM - Includes Tamper, Flow, Gate Valve, Fire Dept Connection Plastic Caps, Valve Trim & Main Drain Valve
	1 / Annual	DRY PIPE SYSTEM - Includes Tamper, Pressure Switch, Low Air, Gate Valve, Fire Dept Connection, Hydraulic Nameplate Verification, Trip Test
	8 / Annual	Water Flow Switch
	8 / Annual	Tamper Switch
	1 / Annual	FIRE ALARM TEST & INSPECT - Simplex 4100U System - Main fire alarm panel
	2 / Annual	Fire Alarm Battery (each)
	1 / Annual	Annunciator
	34 / Annual	Smoke Sensor Addressable
	3 / Annual	Heat Detector Restorable
	10 / Annual	Duct Sensor Addressable
	17 / Annual	Pull Station
	174 / Annual	Audio-Visual Unit Addressable
	2 / Annual	Remote Power Supply/NAC Extender
	Boone County Government Center, 801 E. Walnut	1 / Annual
3 / Annual		Water Flow Switch
3 / Annual		Tamper Switch
2 / Annual		FIRE ALARM TEST & INSPECT - Gamewell Fire Alarm System - Main fire alarm panel
2 / Annual		Fire Alarm Battery (each)
11 / Annual		Smoke Detector with Heat Conventional
2 / Annual		Heat Detector Restorable
2 / Annual		Duct Sensor Addressable
15 / Annual		Pull Station
54 / Annual		Audio-Visual Unit Addressable
1 / Annual		Elevator Recall
1 / Annual		Remote Power Supply/NAC Extender
1 / Semi-Annual		NOVEC 1230 CLEAN AGENT FIRE SUPPRESSION SYSTEM - Ansul Sapphire; Includes (4) 390# Sapphire tanks and (1) 90# Sapphire tank

***REVISED* ATTACHMENT B - BOONE COUNTY SERVICE LOCATIONS & SYSTEMS**

	10 / Semi-Annual	Above-Floor Smoke Detectors
	3 / Semi-Annual	Pull Station
	1 / Semi-Annual	Heat Detector
	1 / Semi-Annual	Simplex 4010 Fire Alarm Panel
Boone County Annex Building, 613 E. Ash St.	1 / Annual	FIRE ALARM TEST & INSPECT - FCI Prog System - Main fire alarm panel
	2 / Annual	Fire Alarm Battery (each)
	5 / Annual	Smoke Sensor Addressable
	1 / Annual	Duct Sensor Addressable
	4 / Annual	Pull Station
	11 / Annual	Audio-Visual Unit Addressable
Central MO Events Center, 5000 N. Oakland Gravel Rd.	1 / Annual	WET SPRINKLER SYSTEM - Includes Tamper, Flow, Gate Valve, Fire Dept Connection Plastic Caps, Valve Trim & Main Drain Valve.
	1 / Annual	Fire pump electric without flow meter
	1 / Annual	FIRE ALARM TEST & INSPECT - FCI Fire Alarm System - Main fire alarm panel
	2 / Annual	Fire Alarm Battery (each)
	1 / Annual	Digital Alarm Communicator Transmitter (DACT)
	17 / Annual	Pull Station
	26 / Annual	Audio-Visual Notification Conventional
Boone County Johnson Building, 601 E. Walnut	1 / Annual	FIRE ALARM TEST & INSPECT - Multi-Vendor Other Nonprogrammable - Main fire alarm panel
	7 / Annual	Smoke Detector Conventional
	1 / Annual	Duct Detector Conventional
	1 / Annual	Elevator Recall
Boone County Juvenile Justice Center, 5665 Roger I. Wilson Memorial Dr.	1 / Annual	WET SPRINKLER SYSTEM - Includes Tamper, Flow, Gate Valve, Fire Dept Connection Plastic Caps, Valve Trim & Main Drain Valve.
	1 / Annual	FIRE ALARM TEST & INSPECT - FCI Prog System - Main fire alarm panel
	2 / Annual	Fire Alarm Battery (each)
	25 / Annual	Smoke Sensor Addressable
	4 / Annual	Heat Detector Restorable
	8 / Annual	Duct Sensor Addressable
	4 / Annual	Pull Station
13 / Annual	Audio-Visual Unit Addressable	

***REVISED* ATTACHMENT B - BOONE COUNTY SERVICE LOCATIONS & SYSTEMS**

Boone County North Facility, 5501 N. Oakland Gravel Rd.	1 / Annual	FIRE ALARM TEST & INSPECT - Multi-Vendor Other Nonprogrammable - Main fire alarm panel
	4 / Annual	Smoke Detector with Heat Conventional

Pre-Conference

BID OPENING
SIGN-IN SHEET

16-19MAR14 – Fire Alarm & Suppression Systems Inspection, Testing & Repairs
WEDNESDAY, MARCH 19, 2014 AT 1:30 P.M.

	Representative Name	Business Name	Telephone Number
1.	Amy Robbins	Boone County Purchasing	886-4392
2.	Bob Davidson	Boone County Purchasing / Witness	886-4401
3.	Brandon Korsmeyer	Korsmeyer Fire Protection	(573) 619-7994
4.	Daniel Borrer	Fire Safety Inc.	(618) 580-2328
5.	Tom Pinz	CITAS FIRE PROT.	314 506-2714
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			