



*Signature Life-Safety Services, Inc.*

2491 Alluvial Avenue, Suite 59  
Clovis, California 93611  
Tel: (559)392-2838 - Fax: (559)325-7599  
Contractor License #933910 (C-10/C-16)

## Final Fire Alarm Inspection Report 03/2010

Report for Quarter 3 of the Contract Year Starting 9/1/2009

Tested to NFPA 72 Standards, as adopted by the State of California

Covering:

### Sample Site

1234 Main Street  
Fresno, CA 93701

Report Prepared For:

Sample Contact, Manager  
Phone: (559)123-4567 Fax:  
Email:  
Sample Customer  
1234 Main Street  
Fresno, CA 93701

Inspection completed on 3/25/2010.

Contract ID: 100008

Inspection ID: 100018

Inspected By:

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## Contract Coverage

Your contract with Signature Life-Safety Services, Inc. includes the following coverages:

Fire Alarm Inspection and Testing:	Quart Insp
Smoke Detector Sensitivity Testing:	Analog - Report Every 2 yr
Duct Detector Sensitivity Testing:	Analog - Report Every 2 yr
Smoke Detector Cleaning:	No Coverage
Duct Detector Cleaning:	No Coverage
Fire Sprinkler Inspection:	Semi-Annual Inspection
Fire Suppression System Inspection:	No Coverage
Service During Normal Business Hours:	Hours Included
Service After Normal Business Hours:	Hours Included
Fire Alarm Panel Parts Replacement:	No Coverage
Fire Alarm Peripheral Parts Replacement:	No Coverage
Fire Alarm Battery Replacement:	No Coverage
Telephone Response Time:	15 Minutes
On-Site Response Time:	60 Minutes
Other Systems Covered:	None

### Further Explanation of Coverage:

This area will contain an explanation of any non-standard coverage included in your customized Service Agreement.

## Panel Summary By Type

TYPE	DESCRIPTION	LIST	TEST	PASS	FAIL	REPAIR	%Test	%Pass
CPADR	Addressable	1	1	1	-	-	100.00%	100.00%
Totals		1	1	1	0	0	100.00%	100.00%

This page is a summary of the various Panel Types covered by this inspection.

The TYPE column contains the abbreviations for each device type that are used in the following pages.

The DESCRIPTION column provides a better description of each type.

The LIST column shows the quantity of each type that has been listed and described in this report  
- by the end of the year or contract period, all devices in your system should be listed.

The TEST column shows the quantity of each type that have been tested during the current year or contract period.

The PASS column shows the quantity of each type that operated properly when tested.

The FAIL column shows the quantity of each type that failed to operate properly when tested

- refer to the 'Deficiency Detail' section to see which failures have been corrected by repairing or replacing the failed devices.

The %Pass column shows the ratio of devices that passed to all devices tested.

The %List column shows the ratio of devices tested to devices listed in this report.

The Test Frequency column shows how often devices of each type should be tested.

## Notification/Control Summary By Type

TYPE	DESCRIPTION	LIST	TEST	PASS	FAIL	REPAIR	%Test	%Pass	Test Frequency
VIS	Visual Appliance	4.00	4.00	4.00	-	-	100.00%	100.00%	Annual
AV	Aud/Vis Appliance	10.00	10.00	10.00	-	-	100.00%	100.00%	Annual
FSD	Fire/Smoke Damper	8.00	8.00	7.00	1.00	1.00	100.00%	87.50%	Every 6 Years
SHUT	AH Shutdown Control	2.00	2.00	2.00	-	-	100.00%	100.00%	Annual
CTL	Control	3.00	-	-	-	-	0.00%	-	Annual
Totals		27.00	24.00	23.00	1.00	0.00	88.89%	95.83%	

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The TEST column shows the quantity of each type that have been tested during the current year or contract period.

The PASS column shows the quantity of each type that operated properly when tested.

The FAIL column shows the quantity of each type that failed to operate properly when tested

- refer to the 'Deficiency Detail' section to see which failures have been corrected by repairing or replacing the failed devices.

The %Pass column shows the ratio of devices that passed to all devices tested.

The %List column shows the ratio of devices tested to devices listed in this report.

The Test Frequency column shows how often devices of each type should be tested.

## Sprinkler/Supervisory Summary By Type

TYPE	DESCRIPTION	LIST	TEST	PASS	FAIL	REPAIR	%Test	%Pass	Test Frequency
TS	Tamper Switch	2.00	2.00	2.00	-	-	100.00%	100.00%	Quarterly
WF	Waterflow Switch	2.00	2.00	2.00	-	-	100.00%	100.00%	Quarterly
FDC	Fire Dept Connection	2.00	2.00	2.00	-	-	100.00%	100.00%	Quarterly
MDRN	Sprinkler Main Drain	2.00	2.00	2.00	-	-	100.00%	100.00%	Quarterly
Totals		8.00	8.00	8.00	0.00	0.00	100.00%	100.00%	

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The TEST column shows the quantity of each type that have been tested during the current year or contract period.

The PASS column shows the quantity of each type that operated properly when tested.

The FAIL column shows the quantity of each type that failed to operate properly when tested

- refer to the 'Deficiency Detail' section to see which failures have been corrected by repairing or replacing the failed devices.

The %Pass column shows the ratio of devices that passed to all devices tested.

The %List column shows the ratio of devices tested to devices listed in this report.

The Test Frequency column shows how often devices of each type should be tested.

## Initiating Device Summary By Type

TYPE	DESCRIPTION	LIST	TEST	PASS	FAIL	REPAIR	%Test	%Pass	Test Frequency
PS	Pull Station	10.00	10.00	10.00	-	-	100.00%	100.00%	Annual
SD	Smoke Detector	5.00	4.00	3.00	1.00	1.00	80.00%	75.00%	Annual
BD	Beam Detector	3.00	3.00	3.00	-	-	100.00%	100.00%	Annual
DD	Duct Detector	10.00	10.00	10.00	-	-	100.00%	100.00%	Annual
HD	Heat Detector	1.00	-	-	-	-	0.00%	-	Annual
Totals		29.00	27.00	26.00	1.00	1.00	93.10%	96.30%	

This page is a summary of the various Initiating Device Types covered by this inspection.

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The LIST column shows the quantity of each type that has been listed and described in this report

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The TEST column shows the quantity of each type that have been tested during the current year or contract period.

The PASS column shows the quantity of each type that operated properly when tested.

The FAIL column shows the quantity of each type that failed to operate properly when tested

- refer to the 'Deficiency Detail' section to see which failures have been corrected by repairing or replacing the failed devices.

The %Pass column shows the ratio of devices that passed to all devices tested.

The %List column shows the ratio of devices tested to devices listed in this report.

The Test Frequency column shows how often devices of each type should be tested.

## Panel Test Detail by Panel

This section shows all Panels for your site with the most recent test results

Building: Office	Floor: 01	Location: Main Electrical Room			
Cust Dev ID:					
Node:	Loop:	Address:	Panel Type: Addressable		
Manufacturer: Pyrotronics	Model: MXL		Serial Number:		
Breaker Location: Panel E1			Number: Test Panel		
Battery Size: 12V 18AH	Date: 6/16/2008		AC Source Labeled:	PASS	Date: 3/25/2010
Initiating Trouble: PASS	Date: 3/25/2010		AC Trouble:	PASS	Date: 3/25/2010
Notification Trouble: PASS	Date: 3/25/2010		AC Voltage: 117.6	PASS	Date: 3/25/2010
Bypass Labeled: PASS	Date: 3/25/2010		Charger Voltage: 27.9	PASS	Date: 3/25/2010
Bypass Trouble: PASS	Date: 3/25/2010		Static Voltage: 27.5	PASS	Date: 3/25/2010
Battery Trouble: PASS	Date: 3/25/2010		Load Voltage: 26.8	PASS	Date: 3/25/2010
Operational Test: PASS	Date: 3/25/2010		Battery Load Test: 100.00%	PASS	Date: 3/25/2010



## Notification/Control Test Detail By Device

This section shows all Notification/Control Devices that have been listed and described.

Devices tested will show PASS or FAIL, followed by the date they were tested.

By the end of the year or contract period, all notifications in your system should be listed and tested.

Failed notifications are listed again in the 'Deficiency Detail' section, showing which devices have been repaired or replaced to correct the deficiency.

Node	Loop	Addr	Type	Custom Dev ID	Building	Floor	Location	Test Result	Test Date
			AV	AV-1-001	Office	01	North Exit	PASS	9/15/2009
			AV	AV-1-002	Office	01	South Exit	PASS	12/23/2009
			AV	AV-2-001	Office	02	North Stair Exit	PASS	9/25/2009
			AV	AV-2-002	Office	02	South Stair Exit	PASS	6/18/2009
			AV	AV-3-001	Office	03	North Stair Exit	PASS	9/15/2009
			AV	AV-2-002	Office	03	South Stair Exit	PASS	12/23/2009
			AV	AV-W-001	Warehouse	01	Warehouse East Door 1	PASS	3/25/2010
			AV	AV-W-002	Warehouse	01	Warehouse East Door 2	PASS	6/18/2009
			AV	AV-W-003	Warehouse	01	Warehouse West Door 3	PASS	9/15/2009
			AV	AV-W-004	Warehouse	01	Warehouse West Door 4	PASS	12/23/2009
			VIS	VIS-1-002	Office	01	Mens Restroom	PASS	12/23/2009
			VIS	VIS-1-001	Office	01	Womens Restroom	PASS	9/15/2009
			VIS	VIS-2-001	Office	02	Staff Restroom	PASS	3/25/2010
			VIS	VIS-3-001	Office	03	Staff Restroom	PASS	6/18/2009
	001	053	CTL		Office	01	Elevator Alternate Recall	Not Tested	
	001	052	CTL		Office	01	Elevator Primary Recall	Not Tested	
	001	054	CTL		Office	01	Elevator Shunt Trip	Not Tested	
	001	016	FSD		Office	1	Elevator Lobby	FAIL	3/25/2010
	001	016	FSD		3/25/2010		Fire Alarm relay operates - damper does not move		
	001	017	FSD		Office	1	Elevator Lobby	PASS	3/25/2010
	001	017	FSD		3/25/2010		Damper closed fully and re-opened when tested		
	001	020	FSD		Office	1	North Hall	PASS	12/30/2009
	001	014	FSD		Office	2	Elevator Lobby	PASS	6/18/2009
	001	014	FSD		6/18/2009		Damper closed fully and re-opened when tested		
	001	015	FSD		Office	2	Elevator Lobby	PASS	6/18/2009
	001	015	FSD		6/18/2009		Damper closed fully and re-opened when tested		
	001	013	FSD		Office	3	Elevator Lobby	PASS	9/15/2009
	001	013	FSD		9/15/2009		Damper closed fully and re-opened when tested		
	001	018	FSD		Office	3	Elevator Lobby	PASS	9/15/2009
	001	018	FSD		9/15/2009		Damper closed fully and re-opened when tested		
	001	019	FSD		Office	3	Elevator Lobby	PASS	9/15/2009
	001	019	FSD		9/15/2009		Damper closed fully and re-opened when tested		
	001	012	SHUT		Office	R	AHU-1 Return	PASS	12/23/2009
	001	011	SHUT		Office	R	AHU-1 Supply	PASS	12/23/2009

## Sprinkler/Supervisory Test Detail By Device

This section shows all Sprinkler/Supervisory Devices that have been listed and described.

Devices tested will show PASS or FAIL, followed by the date they were tested.

By the end of the year or contract period, all devices in your system should be listed and tested.

Failed devices are listed again in the 'Deficiency Detail' section, showing which devices have been repaired or replaced to correct the deficiency.

Node	Loop	Addr	Type	Custom Dev ID	Building	Floor	Location	Test Result	Test Date
	001	022	TS	TS-1-Q1	Office	01	Main Mechanical Room	R/Pass	3/25/2010
	001	022	TS	TS-1-Q2	Office	01	Main Mechanical Room	PASS	6/18/2009
	001	022	TS	TS-1-Q3	Office	01	Main Mechanical Room	PASS	9/15/2009
	001	022	TS	TS-1-Q4	Office	01	Main Mechanical Room	PASS	12/23/2009
	002	022	TS	TS-W-Q1	Warehouse	01	Warehouse Sprinkler Tamper	R/Pass	3/25/2010
	002	022	TS	TS-W-Q2	Warehouse	01	Warehouse Sprinkler Tamper	PASS	6/18/2009
	002	022	TS	TS-W-Q3	Warehouse	01	Warehouse Sprinkler Tamper	PASS	9/15/2009
	002	022	TS	TS-W-Q4	Warehouse	01	Warehouse Sprinkler Tamper	PASS	12/23/2009
	001	021	WF	WF-1-Q1	Office	01	Main Mechanical Room	R/Pass	3/25/2010
	001	021	WF	WF-1-Q1			Delay: 39 seconds		3/25/2010
	001	021	WF	WF-1-Q2	Office	01	Main Mechanical Room	PASS	6/18/2009
	001	021	WF	WF-1-Q2			Delay: 41 seconds		6/18/2009
	001	021	WF	WF-1-Q3	Office	01	Main Mechanical Room	PASS	9/15/2009
	001	021	WF	WF-1-Q3			Delay: 35 seconds		9/15/2009
	001	021	WF	WF-1-Q4	Office	01	Main Mechanical Room	PASS	12/23/2009
	001	021	WF	WF-1-Q4			Delay: 35 seconds		12/23/2009
	002	021	WF	WF-W-Q1	Warehouse	01	Warehouse Sprinkler Waterflow	R/Pass	3/25/2010
	002	021	WF	WF-W-Q1			Delay: 51 seconds		3/25/2010
	002	021	WF	WF-W-Q2	Warehouse	01	Warehouse Sprinkler Waterflow	PASS	6/18/2009
	002	021	WF	WF-W-Q2			Delay: 45 seconds		6/18/2009
	002	021	WF	WF-W-Q4	Warehouse	01	Warehouse Sprinkler Waterflow	PASS	9/15/2009
	002	021	WF	WF-W-Q4			Delay: 47 seconds		9/15/2009
	002	021	WF	WF-W-Q2	Warehouse	01	Warehouse Sprinkler Waterflow	PASS	12/23/2009
	002	021	WF	WF-W-Q2			Delay: 49 seconds		12/23/2009
			FDC		Office	01	Office Sprinkler FDC	PASS	3/25/2010
			FDC		Office	01	Office Sprinkler FDC	PASS	6/18/2009
			FDC		Office	01	Office Sprinkler FDC	PASS	9/15/2009
			FDC		Office	01	Office Sprinkler FDC	PASS	12/23/2009
			FDC		Warehouse	01	Warehouse Sprinkler FDC	PASS	3/25/2010
			FDC		Warehouse	01	Warehouse Sprinkler FDC	PASS	6/18/2009
			FDC		Warehouse	01	Warehouse Sprinkler FDC	PASS	9/15/2009
			FDC		Warehouse	01	Warehouse Sprinkler FDC	PASS	12/23/2009
			MDRN		Office	01	Office Sprinkler Main Drain	PASS	3/25/2010
			MDRN		Office	01	Static: 68 PSI Flow: PSI		3/25/2010
			MDRN		Office	01	Office Sprinkler Main Drain	PASS	6/18/2009
			MDRN		Office	01	Static: 66 PSI Flow: PSI		6/18/2009
			MDRN		Office	01	Office Sprinkler Main Drain	PASS	9/15/2009
			MDRN		Office	01	Static: 62 PSI Flow: PSI		9/15/2009
			MDRN		Office	01	Office Sprinkler Main Drain	PASS	12/23/2009
			MDRN		Warehouse	01	Static: 65 PSI Flow: PSI		12/23/2009
			MDRN		Warehouse	01	Warehouse Sprinkler Main Drain	PASS	3/25/2010
			MDRN		Warehouse	01	Static: 68 PSI Flow: PSI		3/25/2010
			MDRN		Warehouse	01	Warehouse Sprinkler Main Drain	PASS	6/18/2009
			MDRN		Warehouse	01	Static: 69 PSI Flow: PSI		6/18/2009
			MDRN		Warehouse	01	Warehouse Sprinkler Main Drain	PASS	9/15/2009
			MDRN		Warehouse	01	Static: 65 PSI Flow: PSI		9/15/2009
			MDRN		Warehouse	01	Warehouse Sprinkler Main Drain	PASS	12/23/2009
			MDRN		Warehouse	01	Static: 68 PSI Flow: PSI		12/23/2009

## Initiating Device Test Detail By Device

This section shows all Initiating Devices that have been listed and described.

Devices tested will show PASS or FAIL, followed by the date they were tested.

By the end of the year or contract period, all devices in your system should be listed and tested.

Failed devices are listed again in the 'Deficiency Detail' section, showing which devices have been repaired or replaced to correct the deficiency.

Node	Loop	Addr	Type	Custom Dev ID	Building	Floor	Location	Test Result	Test Date
	001	001	PS	PS-1-001	Office	01	North Exit	PASS	9/15/2009
	001	002	PS	PS-1-002	Office	01	South Exit	PASS	12/23/2009
	001	006	PS	PS-2-001	Office	02	North Stair Exit	PASS	12/23/2009
	001	007	PS	PS-2-002	Office	02	South Stairs	PASS	3/25/2010
	001	008	PS	PS-3-001	Office	03	North Stairs	PASS	6/18/2009
	001	009	PS	PS-3-002	Office	03	South Stairs	PASS	9/15/2009
	002	001	PS	PS-W-001	Warehouse	01	Warehouse East Door 1	PASS	3/25/2010
	002	002	PS	PS-W-002	Warehouse	01	Warehouse East Door 2	PASS	6/18/2009
	002	003	PS	PS-W-003	Warehouse	01	Warehouse West Door 3	PASS	9/15/2009
	002	004	PS	PS-W-004	Warehouse	01	Warehouse West Door 4	PASS	12/23/2009
	001	004	SD	SD-1-002	Office	01	Elevator Lobby	PASS	6/18/2009
	001	050	SD	SD-1-005	Office	01	Elevator Machine Room	Not Tested	
	001	003	SD	SD-1-001	Office	01	Main Electrical Room	FAIL	3/25/2010
	001	003	SD	SD-1-001	3/25/2010		No Alarm when tested		
	001	005	SD	SD-2-001	Office	02	Elevator Lobby	PASS	9/15/2009
	001	010	SD	SD-3-001	Office	03	Elevator Lobby	PASS	12/23/2009
	001	051	HD	HD-1-001	Office	01	Elevator Machine Room	Not Tested	
	001	016	DD	DD-1-001	Office	1	Elevator Lobby	PASS	3/25/2010
	001	017	DD	DD-1-002	Office	1	Elevator Lobby	PASS	3/25/2010
	001	020	DD	DD-1-003	Office	1	North Hall	PASS	3/25/2010
	001	014	DD	DD-2-002	Office	2	Elevator Lobby	PASS	6/18/2009
	001	015	DD	DD-2-001	Office	2	Elevator Lobby	PASS	6/18/2009
	001	013	DD	DD-3-001	Office	3	Elevator Lobby	PASS	9/15/2009
	001	018	DD	DD-3-002	Office	3	Elevator Lobby	PASS	9/15/2009
	001	019	DD	DD-3-003	Office	3	Elevator Lobby	PASS	9/15/2009
	001	012	DD	DD-R-002	Office	R	AHU-1 Return	PASS	12/23/2009
	001	011	DD	DD-R-001	Office	R	AHU-1 Supply	PASS	12/23/2009
	002	006	BD	BD-W-002	Warehouse	01	Warehouse Center Beam Detector	PASS	6/18/2009
	002	005	BD	BD-W-001	Warehouse	01	Warehouse East Beam Detector	PASS	3/25/2010
	002	007	BD	BD-W-003	Warehouse	01	Warehouse West Beam Detector	PASS	9/15/2009

## Deficiency/Repair Detail By Device

This page lists all devices that failed when tested. Those devices that have been repaired/replaced and re-tested successfully show the test and repair dates in Green, outstanding deficiencies show the test dates in Red.

Node	Loop	Addr	Type	Custom Dev ID	Building	Floor	Location	Test Date	Repair Date
001	016	FSD			Office	1	Elevator Lobby	3/25/2010	4/6/2010
001	016	FSD			3/25/2010		Fire Alarm relay operates - damper does not move		
001	016	FSD			4/6/2010		This Device Repaired and Tested		
001	003	SD	SD-1-001		Office	01	Main Electrical Room	3/25/2010	4/6/2010
001	003	SD	SD-1-001		3/25/2010		No Alarm when tested		
001	003	SD	SD-1-001		4/6/2010		This Device Replaced and Tested		

## Report Comments and Recommendations

### Report Comments

One smoke detector failed to alarm when tested. Device repaired and retested on 4/6/2010.

One Fire Smoke Damper failed to close when the controlling Duct Smoke Detector was tested. Device replaced and retested on 4/6/2010.

### Recommendations

Recommend troubleshooting failed Fire Smoke Damper and Smoke Detector.

Fire Smoke Damper repaired and retested on 4/6/2010.

Smoke Detector replaced and retested on 4/6/2010.

### Report Generated On 12/15/2010 By Darrell Escola

The undersigned Representative of Signature Life-Safety Services, Inc., certifies that the system has been tested and operates properly, except as noted above. If this is not the final report for the contract period, this certification applies to the portion of the system that has been tested during this contract period.

Signature Life-Safety Services, Inc., By \_\_\_\_\_

As the owner's representative, I have discussed this inspection with the Representative of Signature Life-Safety Services, Inc., have been instructed in the operation of the Fire Life Safety System, and have verified that the system has been put back in service at the completion of testing.

Customer Representative \_\_\_\_\_