

Liberty Fire Protection, Inc.

Fire Sprinkler Inspection & Testing Report

SITE NAME: SOUTHEASTERN SPINE INSTITUTE (LEE & ASSOCIATES.)

DATE: 1/29/2025

**ADDRESS: 1625 HOSPITAL DRIVE
MT. PLEASANT, S.C. 29464**

INSPECTOR: JODY TAYLOR

INSPECTION FREQUENCY:

MONTHLY

QUARTERLY

SEMI-ANNUAL

ANNUAL

1. GENERAL (ALL RESPONSES REFERENCE CURRENT INSPECTION)

YES | N/A | NO

- a. Is the building occupied? ☒ ☐ ☐
- b. Are all systems in service? ☒ ☐ ☐
- c. If required, hydraulic data plates in place, securely attached and permanently marked? ☒ ☐ ☐
- d. Is all stock or storage properly below sprinklers? ☒ ☐ ☐
- e. Is the visible exterior of the system piping in good condition and free from damage? ☒ ☐ ☐
- f. All visible hangers in place securely attached and free of corrosion ☒ ☐ ☐
- g. All gauges in good condition, showing normal pressure and not in need of a 5 year test? (2024) ☒ ☐ ☐

2. CONTROL VALVES

- a. Are all sprinkler system control valves open, sealed or supervised? ☒ ☐ ☐
- b. Are all other valves in proper position? ☒ ☐ ☐

3. WATER SUPPLY

- a. Was a water flow test made and results satisfactory? ☒ ☐ ☐

4. TANK, PUMPS, FIRE DEPARTMENT CONNECTIONS

- a. Are fire pumps, reservoirs, gravity tanks and pressure tanks in good condition? ☒ ☐ ☐
- b. Are fire department connections in good condition, couplings free and caps in place? ☒ ☐ ☐
- c. Is there a record of 5-year Hydro-test of check valve and piping? ☒ ☐ ☐

5. WET SYSTEMS

- a. Anti-freeze solution been tested and results satisfactory? Specific gravity results: ☐ ☒ ☐
- b. Are alarm valves, water flow indicators and retard chambers in good condition? ☒ ☐ ☐
- c. Have all system check valves been internally inspected within the last 5 years? (2024) ☒ ☐ ☐

6. DRY SYSTEMS, PRE-ACTION & DELUGE

- a. Is the valve in service and in good condition? ☐ ☒ ☐
- b. Air pressure and priming water level at normal levels? ☐ ☒ ☐
- c. Is there a record of 3- year air leak down test? ☐ ☒ ☐
- d. Air compressor in good condition and operating properly? ☐ ☒ ☐
- e. Were all low points drained during the inspection? ☐ ☒ ☐ How many were drained?
- f. Are quick opening devices in service & in good condition? ☐ ☒ ☐
- g. Was the valve trip tested as required? ☐ ☒ ☐
- h. Is the valve adequately protected from freezing? ☐ ☒ ☐
- i. Valve house and heater in good condition? ☐ ☒ ☐

7. SPECIAL SYSTEMS

- a. Were valves and detectors tested as required? ☐ ☒ ☐
- b. Were all heat responsive systems tested and results satisfactory? ☐ ☒ ☐
- c. Were all manual actuators tested and results satisfactory? ☐ ☒ ☐

8. ALARMS

- a. Water motor gong and or electric bell test satisfactory? ☒ ☐ ☐
- b. Were supervisory features tested and results satisfactory? ☒ ☐ ☐
- c. Was the fire alarm test satisfactory? ☒ ☐ ☐

9. SPRINKLERS

- a. Are all sprinklers in good condition, not obstructed, and free of corrosion? ☐ ☐ ☒
- b. Are all standard sprinklers less than 50 years old & fast response less than 20 years old? ☒ ☐ ☐
- c. Are all dry barrel sprinklers less than 10 years old? ☐ ☒ ☐
- d. Spare sprinkler cabinet with the proper size and type of sprinklers and wrenches on site? ☐ ☐ ☒
- e. Are all sprinklers of proper temperature & orientation? ☒ ☐ ☐

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12. Wet Systems

System # & Location	Size	Make	Model	Main Drain	Size	Static	Residual
1 st fl. Closet in stairwell B	4"	FCA	backflow	On Riser	N/A	65	50
I.T. Location: N/A							

System # & Location	Size	Make	Model	Main Drain	Size	Static	Residual
1 st FCA wall chase #100	3"	FCA	Shotgun	On Riser	1.25"	65	50
I.T. Location: On floor control assembly							

System # & Location	Size	Make	Model	Main Drain	Size	Static	Residual
2 nd FCA call center chase	3"	FCA	Shotgun	On Riser	1.25"	60	50
I.T. Location: On floor control assembly							

System # & Location	Size	Make	Model	Main Drain	Size	Static	Residual
3 rd FCA in corner office	3"	FCA	Shotgun	On Riser	1.25"	55	45
I.T. Location:							

System # & Location	Size	Make	Model	Main Drain	Size	Static	Residual
I.T. Location:							

System # & Location	Size	Make	Model	Main Drain	Size	Static	Residual
I.T. Location:							

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13. Dry Valve Test: N/A

Valve # 1				Quick Opening Device Information		
Size	Make	Model	Serial #	Make	Model	Serial #
Valve Trip Test Information						
Water Pressure	Air Pressure	Air Pressure Trip Point	Valve Trip Time	Time Water Reached ITV	QOD Trip Pressure	QOD Trip Time
Main Drain Test				Size	Static	Residual
I.T. Location:						

Valve # 2				Quick Opening Device Information		
Size	Make	Model	Serial #	Make	Model	Serial #
Valve Trip Test Information						
Water Pressure	Air Pressure	Air Pressure Trip Point	Valve Trip Time	Time Water Reached ITV	QOD Trip Pressure	QOD Trip Time
Main Drain Test				Size	Static	Residual
I.T. Location:						

Valve # 3				Quick Opening Device Information		
Size	Make	Model	Serial #	Make	Model	Serial #
Valve Trip Test Information						
Water Pressure	Air Pressure	Air Pressure Trip Point	Valve Trip Time	Time Water Reached ITV	QOD Trip Pressure	QOD Trip Time
Main Drain Test				Size	Static	Residual
I.T. Location:						

Valve # 4				Quick Opening Device Information		
Size	Make	Model	Serial #	Make	Model	Serial #
Valve Trip Test Information						
Water Pressure	Air Pressure	Air Pressure Trip Point	Valve Trip Time	Time Water Reached ITV	QOD Trip Pressure	QOD Trip Time
Main Drain Test				Size	Static	Residual
I.T. Location:						

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14. Pre-Action / Deluge System Test: N/A

Valve 1		Highlight type : Pre-Action / Deluge			
Size	Make	Model	Pneumatic	Electric	Hydraulic
Piping supervised: YES <input type="checkbox"/> NO <input type="checkbox"/> Air Psi: _____			Detecting media supervised: YES <input type="checkbox"/> NO <input type="checkbox"/>		
Does valve operate from manual trip: YES <input type="checkbox"/> NO <input type="checkbox"/> and or remote control stations: YES <input type="checkbox"/> NO <input type="checkbox"/>					
Number and type of detectors to trip solenoid valve or releasing device:					
Inspectors Test Valve Location:					

Valve 2		Highlight type : Pre-Action / Deluge			
Size	Make	Model	Pneumatic	Electric	Hydraulic
Piping supervised: YES <input type="checkbox"/> NO <input type="checkbox"/> Air Psi: _____			Detecting media supervised: YES <input type="checkbox"/> NO <input type="checkbox"/>		
Does valve operate from manual trip: YES <input type="checkbox"/> NO <input type="checkbox"/> and or remote control stations: YES <input type="checkbox"/> NO <input type="checkbox"/>					
Number and type of detectors to trip solenoid valve or releasing device:					
Inspectors Test Valve Location:					

Valve 3		Highlight type : Pre-Action / Deluge			
Size	Make	Model	Pneumatic	Electric	Hydraulic
Piping supervised: YES <input type="checkbox"/> NO <input type="checkbox"/> Air Psi: _____			Detecting media supervised: YES <input type="checkbox"/> NO <input type="checkbox"/>		
Does valve operate from manual trip: YES <input type="checkbox"/> NO <input type="checkbox"/> and or remote control stations: YES <input type="checkbox"/> NO <input type="checkbox"/>					
Number and type of detectors to trip solenoid valve or releasing device:					
Inspectors Test Valve Location:					

Valve 4		Highlight type : Pre-Action / Deluge			
Size	Make	Model	Pneumatic	Electric	Hydraulic
Piping supervised: YES <input type="checkbox"/> NO <input type="checkbox"/> Air Psi: _____			Detecting media supervised: YES <input type="checkbox"/> NO <input type="checkbox"/>		
Does valve operate from manual trip: YES <input type="checkbox"/> NO <input type="checkbox"/> and or remote control stations: YES <input type="checkbox"/> NO <input type="checkbox"/>					
Number and type of detectors to trip solenoid valve or releasing device:					
Inspectors Test Valve Location:					

5		Highlight type : Pre-Action / Deluge			
Size	Make	Model	Pneumatic	Electric	Hydraulic
Piping supervised: YES <input type="checkbox"/> NO <input type="checkbox"/> Air Psi: _____			Detecting media supervised: YES <input type="checkbox"/> NO <input type="checkbox"/>		
Does valve operate from manual trip: YES <input type="checkbox"/> NO <input type="checkbox"/> and or remote control stations: YES <input type="checkbox"/> NO <input type="checkbox"/>					
Number and type of detectors to trip solenoid valve or releasing device:					
Inspectors Test Valve Location:					

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15. EXPLANATION OF ANY "NO" ANSWERS OR COMMENTS

1) THERE IS A WHITE CONCEALED ESCUTCHEON IN RESTROOM ACROSS ROOM PROCEDURE #4 E179 THAT APPEARS TO HAVE PAINT OR SHEETROCK MUD ON IT SEALING TO THE CEILING, (1/2" 165* QR RA3415). RESTROOM IS JUST BEFORE DOUBLE DOORS LEANING TO OPERATING ROOMS LEFT SIDE. (6FT LADDER)

2) THE HEAD CABINET NEEDS TWO (2) MORE BRASS UPRIGHTS (1/2" 200* QR RA1425) ADDED TO CABINET.

Site Contact Name: Kathryn Cooper

Inspectors Name: Jody Taylor

Site Contact Email: kcooper@lee-associates.com

Inspectors Signature: Jody Taylor

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