



Inspection Report

Quarterly Sprinkler/Alarm

Barrington Sprinkler Systems
953 Archer Rd.
Springfield, IL 62701
Phone: 217-555-1212
Fax: 217-555-2121

Activity Date: 10/16/2008 12:00:00AM
Activity Number: I-blee-08-0029
Activity Cause: Periodic
Inspector Name: Bob Lee
Inspector Phone: (217) 555-3042

Party:

Harrisburg Professional Properties
(51124B)
928 N Hospital Blvd. Basement
Springfield, IL 62701
(217) 555-5431

Occupancy Type:
Property Use:
Total Violation: 3
Hours: 3.00
Total Fees: \$125.00

Business Owner

Dr. Lewiston M.D.

Building

1. Is the building occupancy, use, and hazard the same as the previous inspection? If not, is the hazard equal to or less than the previous occupancy?
Yes
Ref. Number: NFPA 25 (2008) 4.1.5.1 Evaluation...
2. Are all systems in full operational service?
Yes
Ref. Number: NFPA 25 (2008) 10.3.4 Operational Test Perfo...
3. Is the property the same as the previous inspection without additions or modifications to the building? If not, have changes to the building been reviewed, documented and properly protected by the fire protection system?
Yes
Ref. Number: NFPA 25 (2008) 4.1.5* Changes in Occupancy, ...
4. Was the property free of fire or sprinkler operation since the last inspection and if not, have the proper type of sprinklers been installed?
Yes
Ref. Number: NFPA 25 (2008) 5.4.1.4.1 Sprinkler Maintenanc...
5. Are completed inspection records present at the property and available for inspection?
Yes
Ref. Number: NFPA 25 (2008) 4.4.5 Records...
6. Has the yard piping or surrounding mains been free of breaks, repairs, or alterations? If not, has the piping been flushed?
Yes
Ref. Number: NFPA 25 (2008) 14.2.2* Obstruction Investig...
7. If a major component or subsystem has been rebuilt or replaced, was the subsystem tested in accordance with the original acceptance test required?
Yes
Ref. Number: NFPA 25 (2008) 4.6.5* Testing...
8. Have deficiencies noted on previous inspection been corrected?
Yes
Ref. Number: NFPA 25 (2008) 4.1.4* Corrections and Repair...

Hangers & Seismic Bracing - Required

1. Are all hangers and seismic braces on exposed piping, as viewed from the floor, in place, secure and tight?

Yes

Ref. Number: NFPA 25 (2008) 10.2.4.2* Hangers and Support...

Piping - Required

1. Does sprinkler piping appear to be free of leakage?
Yes
Ref. Number: NFPA 25 (2008) 11.2.3 System Piping and Fitt...
2. Is exposed piping free of corrosion?
Ref. Number: NFPA 25 (2008) 10.2.4.1* Piping and Fittings...
3. Is sprinkler piping free of external loads? (Signs, mechanical equipment and other items hung from or supported to piping)
No
Corrected on 10/17/2008 12:00:00AM
Ref. Number: NFPA 25 (2008) 5.2.2.2 Pipe and Fitting Insp...
4. Does all visible piping appear to be in good condition and free of mechanical damage?
Yes
Ref. Number: NFPA 25 (2008) 10.2.4.1* Piping and Fittings...

Hydraulic Nameplate - Required

1. Is the hydraulic nameplate securely attached to the riser and legible?
Ref. Number: NFPA 25 (2008) 5.2.7* Hydraulic Nameplate...

Sprinkler Heads - Required

1. Is there a supply of spare sprinkler heads (never fewer than six) located on the premises?
Yes
Ref. Number: NFPA 25 (2008) 5.4.1.4* Sprinkler Maintenanc...
2. Do the sprinkler head correspond to the types and temperature ratings of the sprinklers in the property?
Yes
Ref. Number: NFPA 25 (2008) 12.3.9 Maintenance.
[750:13.3...
3. Are the sprinkler heads kept in a cabinet where the temperature is maintained below 100°F (38°C)?
Yes
Ref. Number: NFPA 25 (2008) 5.4.1.4.2 Sprinkler Maintenanc...

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Sprinkler Heads - Required

4. Is there a sprinkler wrench for each type of sprinkler head?

Yes

Ref. Number: NFPA 25 (2008) 5.2.1.3 Sprinkler Inspection...

Violation

1 Ref. Number: NFPA 25 (2008) 5.2.2.2 Pipe and Fitting Inspection.

Sprinkler piping shall not be subjected to external loads by materials either resting on the pipe or hung from the pipe.

Comment: Sign hanging from sprinkler pipe in hallway.

Pre-existing Violation

1 Ref. Number: NFPA 25 (2008) 5.2.7* Hydraulic Nameplate.

The hydraulic nameplate for hydraulically designed systems shall be inspected quarterly to verify that it is attached securely to the sprinkler riser and is legible.

Comment: Nameplate is missing.

2 Ref. Number: NFPA 25 (2008) 10.2.4.2* Hangers and Supports.

Hangers and supports shall be inspected for the following and repaired or replaced as necessary: (1) Condition (e.g., missing or damaged paint or coating, rust, and corrosion) (2) Secure attachment to structural supports and piping (3) Damaged or missing hangers

Corrected on: 10/17/2008

Comment: Hanger has been fixed.

Sub Activities

| | | | |
|--|-----------------------|----------------------|------|
| Alarm Initiating Device | Addeco Heat Detector | Electrical Room | |
| Alarm Initiating Device | Addeco Heat Detector | Hallway | |
| Alarm Initiating Device | Addeco Heat Detector | Mechanical Room | |
| Alarm Initiating Device | Addeco Heat Detector | Storage Room | |
| Alarm Initiating Device | Addeco Heat Detector | Storage Room #2 | |
| Alarm Initiating Device | Addeco Pull Station | Electrical Room | |
| Alarm Initiating Device | Addeco Pull Station | Mechanical Room | |
| Alarm Initiating Device | Addeco Pull Station | Stairwell | |
| Alarm Initiating Device | Addeco Smoke Detector | Electrical Room | Fail |
| 2 Is smoke detector properly installed? | | | |
| Corrected on: 10/16/2008 | | | |
| Resolution: Reinstall Smoke Detector. | | | |
| Reference: NFPA 72 (2007) 11.8.3.5 Specific Location | | | |
| Alarm Initiating Device | Addeco Smoke Detector | Hallway | |
| Alarm Initiating Device | Addeco Smoke Detector | Mechanical Room | |
| Alarm Initiating Device | Addeco Smoke Detector | Storage Room | |
| Alarm Initiating Device | Addeco Smoke Detector | Storage Room #2 | |
| Alarm Initiating Device | Flow Switch-Wet Pipe | Mechanical Room East | |

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| | | | |
|--|---------------------------|----------------------|------|
| Alarm Notification Device | Addeco Emergency Light | Electrical Room | |
| Alarm Notification Device | Addeco Emergency Light | Hallway | |
| Alarm Notification Device | Addeco Emergency Light | Mechanical Room | |
| Alarm Notification Device | Addeco Emergency Light | Storage Room | |
| Alarm Notification Device | Addeco Emergency Light | Storage Room #2 | |
| Alarm Notification Device | Addeco Horn/Strobe | Electrical Room | |
| Alarm Notification Device | Addeco Horn/Strobe | Hallway | |
| Alarm Notification Device | Addeco Horn/Strobe | Mechanical Room | |
| Alarm Notification Device | Addeco Horn/Strobe | Storage Room | |
| Alarm Notification Device | Addeco Horn/Strobe | Storage Room #2 | |
| Alarm Panelboard | Addeco Alarm Panel | Mechanical Room | |
| Fire Pump | Deisel Fire Pump | Mechanical Room East | Pass |
| Flow Meter | Flow Meter-Closed Loop | Mechanical Room East | |
| FS Valve | Control Valve, Butter ... | Mechanical Room East | Fail |
| 2 Is the tamper switch on the control valve secured in place and free of damage? Resolution: Replace tamper switch. Reference: NFPA 25 (2008) 6.2.3 Valves and Connect | | | |
| FS Valve | Control Valve, Butter ... | Mechanical Room West | |
| FS Valve | Inspectors Test Valve | Mechanical Room East | |
| FS Valve | Pressure Reducing Val ... | Mechanical Room East | |
| FS Valve | Riser Check Valve | Mechanical Room East | |
| Guage | Guage-Single | Mechanical Room East | |
| Jockey Pump | Jockey Pump - (Diesel) | Mechanical Room East | |
| Main Drain | Main Drain | Mechanical Room East | |

Fees

Inspection \$125.00

Comments:

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A handwritten signature in black ink, appearing to be a stylized name, is written over a horizontal line.

Sign Here