

## **EXHIBIT F**

### **Fire Protection Systems Services – Inspection and Testing Specifications**

#### **3.8.A Portable, Commercial Grade Extinguishers - Not Water Pressurized.**

Contractor shall perform the following tasks, in accordance with all State, Federal, local and recognized industry agent standards, at a minimum, but not limited to the list below.

- Inspect the unit to determine whether it is in service and in satisfactory condition in accordance with current NFPA standards.
- Identify potentially detrimental site conditions that could compromise the performance of mechanical and/or electronic components of the system.
- Check that unit is properly hung with the proper manufacturer's hanger.
- Remove the extinguisher from its hanger.
- Check the gauge pressure.
- Check the condition of the gauge and its compatibility with the extinguisher.
- Check the weight of the extinguisher.
- Check that the last hydrostatic test date is within code requirements.
- Check the valve and shell for damage or corrosion.
- Remove the hose and inspect it for cracks or splits.
- Check the hose threads for signs of wear.
- Check the condition of the discharge horn.
- Check for obstructions that interfere with accessibility of the extinguisher.
- Break the extinguisher seal and remove the locking pin.
- Check the upper and lower handles.
- Replace the locking pin and reseal the extinguisher.
- Check the valve opening for powder or any foreign matter.
- For dry extinguishers, fluff the powder by turning the unit.
- Clean the extinguisher shell with spray cleaner.
- Return the hose to its proper position.
- Check the condition of the hose/horn retention band at the side of the extinguisher.
- Check that the unit classification is properly identified with the appropriate decal.
- Check that the operating instructions are clean and legible.
- Tag the extinguisher properly, may require a special tag for outdoor use (at no extra charge).
- Survey the hazard area to verify that the unit classification corresponds with the hazard.
- Check that the unit is properly located within the normal path of travel, at a conspicuous height.
- Check that the unit is visible and unobstructed.
- Replace the extinguisher on its hanger.
- Compile a complete report of the inspection, explaining any deficiencies and recommending corrective action to be taken, in accordance with recognized codes for care and maintenance.

Note: All repairs will be an additional charge to the cost of the inspection and/or test.

### **3.9.A. Backflow Prevention Systems.**

Contractor shall perform the following tasks, in accordance with all State, Federal, local and recognized industry agent standards, at a minimum, but not limited to the list below.

- Inspect the system to determine whether it is in service and in satisfactory condition in accordance with current NFPA standards.
- Identify potentially detrimental site conditions that could compromise the performance of mechanical and/or electronic components of the system.
- Water Supplier/District
- Orientation
- Use
- Protection
- Check Valves
- Relief Valves
- Buffer
- Air Inlets
- Shutoff Vales
- Pressure

Note: All repairs will be an additional charge to the cost of the inspection and/or test.

### **3.9.B. Fire Sprinkler Systems.**

Contractor shall perform the following tasks, in accordance with all State, Federal, local and recognized industry agent standards, at a minimum, but not limited to the list below.

- Inspect the system to determine whether it is in service and in satisfactory condition in accordance with current NFPA standards.
- Identify potentially detrimental site conditions that could compromise the performance of mechanical and/or electronic components of the system.
- Gauges
- Control Valves
- Flow Devices
- Valve Supervisory Devices
- Hydraulic Name Plate
- Buildings
- Hanger/Siesmic Bracing
- Pipe and Fittings
- Sprinklers
- Spare Sprinklers
- Fire Department Connections
- Valves
- Obstruction
- Supervisory Signal Devices
- Main drain
- Antifreeze solution
- Low-point Drains

Note: All repairs will be an additional charge to the cost of the inspection and/or test.

### **3.9.C. Fire Detection and Alarm Systems.**

Contractor shall perform the following tasks, in accordance with all State, Federal, local and recognized industry agent standards, at a minimum, but not limited to the list below.

- Inspect the system to determine whether it is in service and in satisfactory condition in accordance with current NFPA standards.
- Identify potentially detrimental site conditions that could compromise the performance of mechanical and/or electronic components of the system.
- Control Equipment
- Supervising Station Alarm Systems – Transmitters
- In-Building Fire Emergency Voice/Alarm Communications Equipment
- Batteries
- Remote Annunciators
- Notification Appliance Circuit Power Extenders
- Remote Power Supplies
- Transient Suppressors
- Fiber-optic Cable Connections
- Initiating Devices
- Combination Systems
- Fire Alarm Control Interface and Emergency Control Function Interface
- Guard's Tour Equipment
- Notification Appliances
- Exit Marking Audible Notification Appliances
- Area of Refuge Two-Way Communication System
- Supervising Station Alarm Systems – Receivers
- Public Emergency Alarm Reporting System Transmission Equipment
- Mass Notification System

Note: All repairs will be an additional charge to the cost of the inspection and/or test.

### **3.9.D. Emergency-Exit Lighting Systems.**

Contractor shall perform the following tasks, in accordance with all State, Federal, local and recognized industry agent standards, at a minimum, but not limited to the list below.

- Inspect the system to determine whether it is in service and in satisfactory condition in accordance with current NFPA standards.
- Identify potentially detrimental site conditions that could compromise the performance of mechanical and/or electronic components of the system.

Note: All repairs will be an additional charge to the cost of the inspection and/or test.

### **3.9.E. Commercial Overhead Hood Fire Suppression Systems.**

Contractor shall perform the following tasks, in accordance with all State, Federal, local and recognized industry agent standards, at a minimum, but not limited to the list below.

- Inspect the system to determine whether it is in service and in satisfactory condition in accordance with current NFPA standards.
- Identify potentially detrimental site conditions that could compromise the performance of mechanical and/or electronic components of the system.
- Test remote pulls for condition and operation.
- Perform an automatic trip test of the system.
- Test manual release of the system.
- Verify mechanical operation of the system.
- Verify the gas shutoff function.
- Verify the electrical shutoff function.
- Replace fusible links where required.
- Check system components for cleanliness.
- Restore the system to normal operation.
- Reset the system.
- Install new tamper seals.
- Remove and inspect suppression agent cylinder.
- Verify the cylinder/cartridge pressure, agent weight and condition.
- Check that the last hydrostatic test date is within code requirements. Inspect and verify piping/bracing to manufacturer's specifications.
- Inspect all nozzles and verify that they are properly aimed, free of blockage and have proper blow-off caps intact.
- Verify that the Owner's Manual is available on-site.
- Verify that a proper portable fire extinguisher is available in an easily seen, accessible location.
- Inquire about general occupancy relating to the kitchen fire suppression system in accordance with NFPA standards.
- Inspect for any changes in the hazard area that may affect the performance and reliability of the fire suppression system.
- Tag devices as required and perform all required record keeping.
- Compile a complete report of the inspection, explaining any deficiencies and recommending corrective action to be taken, in accordance with recognized codes for care and maintenance.
- For annual: Perform Blow Test in accordance with NFPA standards.

Note: All repairs will be an additional charge to the cost of the inspection and/or test.

### **3.9.F. Special Hazard Systems.**

Contractor shall perform the following tasks, in accordance with all State, Federal, local and recognized industry agent standards, at a minimum, but not limited to the list below.

- Inspect the system to determine whether it is in service and in satisfactory condition in accordance with current NFPA standards.
- Identify potentially detrimental site conditions that could compromise the performance of mechanical and/or electronic components of the system.
- Clean Agent Systems
- Carbon Dioxide Systems
- Halon 1301 Systems

Note: All repairs will be an additional charge to the cost of the inspection and/or test.

### **3.9.G. Automatic Fire Pumps.**

Contractor shall perform the following tasks, in accordance with all State, Federal, local and recognized industry agent standards, at a minimum, but not limited to the list below.

- Inspect the system to determine whether it is in service and in satisfactory condition in accordance with current NFPA standards.
- Identify potentially detrimental site conditions that could compromise the performance of mechanical and/or electronic components of the system.
- Pump System
- Mechanical Transmission
- Electrical System
- Diesel Engine System/Controller
- Electric Motor Driver
- Diesel Engine Driver
- Steam Turbines
- Positive Displacement Pumps
- Pump House and Misc. Components
- Motor
- Hydraulic

Note: All repairs will be an additional charge to the cost of the inspection and/or test.

### **3.9.H. Standpipes/Hoses.**

Contractor shall perform the following tasks, in accordance with all State, Federal, local and recognized industry agent standards, at a minimum, but not limited to the list below.

- Inspect the system to determine whether it is in service and in satisfactory condition in accordance with current NFPA standards.
- Identify potentially detrimental site conditions that could compromise the performance of mechanical and/or electronic components of the system.
- Hose Connections
- Piping
- Hose
- Hose Nozzle
- Hose Storage Device
- Cabinet
- Hydrostatic Tests
- Water Delivery Components
- Alarm and Supervisory Components
- Status Indicating Components
- System Housing and Protection Components
- Testing (and Maintenance) Components
- Structural Components
- Informational Components

Note: All repairs will be an additional charge to the cost of the inspection and/or test.