



Maintaining a Sprinkler System

Inspection and Testing of Fire Protection Systems

It's important that building owners and managers take an aggressive approach in establishing a procedure for periodic inspection, testing, and maintenance of fire protection equipment.

Engineered fire protection systems are a vital factor in the reduction of potential large fire losses. Statistical evidence of suppression by properly designed and maintained fire protection equipment has proven to be effective. Unfortunately, reports of uncontrolled large fire from malfunctioning fire protection equipment continue due to insufficient inspection and testing. Some of the recurring problems we continue to experience from inspection deficiencies include:

1. Empty water supply tanks
2. Inoperative or blocked fire doors valves
3. Inoperative detection systems
4. Inoperative sprinkler control valves
5. Inoperative fire pumps
6. Inoperative alarms
7. Malfunctioning special suppression equipment
8. Undetected closure of sprinkler system control

Recommended Weekly Inspection

1. Automatic Fire Detection, Gas Detection & Fire Alarms Systems
2. Fire Doors, Fire Shutters & Fire Dampers
3. Fire Hydrants, Monitor Nozzles & Private Fire Mains
4. Fire Protection Water Supply Control Valves
5. Fire Pumps
6. Portable Fire Extinguishers
7. Private Water Supply Tanks
8. Public Water Supply
9. Special Extinguishing Systems
10. Sprinkler Systems, Water Spray Systems
11. Standpipe Systems & Inside Hose Stations
12. Water Mist Systems

Continued



Yuma County Department of Development Services

2351 W. 26th Street, Yuma, AZ 85364

Maintaining a Sprinkler System continued:

Recommended Monthly Inspection

1. Automatic Fire Detection, Gas Detection & Fire Alarms Systems
2. Control Valves
3. Electric Driven Fire Pumps
4. Fire Doors, Fire Shutters & Fire Dampers
5. Fire Hydrants, Monitor Nozzles & Private Fire Mains
6. Portable Fire Extinguishers
7. Private Water Supply Tanks
8. Public Water
9. Special Extinguishing Systems
10. Sprinklers & Water Spray Systems
11. Standpipe Systems & Inside Hose Stations
12. Water Mist Systems

Recommended Quarterly Inspection

In addition to weekly and monthly.

1. Automatic Fire Detection, Gas Detection & Fire Alarms Systems
2. Fire Doors, Fire Shutters & Fire Dampers
3. Fire Hydrants, Monitor Nozzles & Private Fire Mains
4. Fire Protection Water Supply Control Valves
5. Fire Pumps
6. Portable Fire Extinguishers
7. Private Water Supply Tanks
8. Public Water Supply
9. Special Extinguishing Systems
10. Sprinkler Systems, Water Spray Systems
11. Standpipe Systems & Inside Hose Stations
12. Water Mist Systems

Continued

Pat Headington, CBO, Chief Building Official

Phone: 928-817-5068 // Fax: 928-817-5020 //E-mail: pat.headington@yumacountyaz.gov



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Maintaining a Sprinkler System continued:

Recommended Semiannual Inspection

In addition to weekly, monthly and quarterly.

1. Fire Doors, Fire Shutters & Fire Dampers
2. Fire Hydrants, Monitor Nozzles & Private Fire Mains
3. Fire Protection Water Supply Control Valves
4. Fire Pumps
5. Portable Fire Extinguishers
6. Private Water Supply Tanks
7. Special Extinguishing Systems
8. Standpipe Systems & Inside Hose Stations
9. Supervisory Alarms
10. Testing of Alarm System
11. Water Mist Systems
12. Water Supply Valve Tamper

Recommended Annual, 2 Year, 3 Year, 5 Year, 10 Year and Greater Inspection

In addition to weekly, monthly, quarterly, semiannual and annual.

1. Automatic Fire Detection, Gas Detection & Fire Alarms Systems
2. Fire Doors, Fire Shutters & Fire Dampers
3. Fire Hydrants, Monitor Nozzles & Private Fire Mains
4. Fire Protection Water Supply Control Valves
5. Fire Pumps
6. Portable Fire Extinguishers
7. Private Water Supply Tanks
8. Public Water Supply
9. Sprinkler Systems & Water Spray Systems
10. Special Extinguishing Systems
11. Standpipe Systems & Inside Hose Stations
12. Water Mist Systems

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