



PREVENTATIVE MAINTENANCE INSPECTION PROPOSAL

PRESENTED TO:



Locations

1. Grant Harris Building – 401 E. Hopkins St., San Marcos, TX 78666 - **November**
2. Municipal Building – 630 E. Hopkins St., San Marcos, TX 78666 - **November**
3. San Marcos Activity Center – 501 E. Hopkins St., San Marcus, TX 78666 - **November**
4. San Marcos City Hall – 630 E. Hopkins St., San Marcos, TX 78666 – **November**
5. San Marcos Fire Station 2 – 205 Flint Ridge Rd., San Marcos, TX 78666 - **November**
6. San Marcos Fire Station 4 – 1404 Wonder World Dr., San Marcos, TX 78666 - **November**
7. San Marcos Fire Station 5 – 100 Carlson Circle, San Marcos, TX 78666 - **November**
8. San Marcos Library – 625 E. Hopkins St., San Marcos, TX 78666 - **November**
9. San Marcos Rec Hall – 170 Charles Austin Dr., San Marcos, TX 78666 – **November**
10. Gary Sports Complex – 2600 Airport Hwy 21, San Marcos, TX 78666 – **November**
11. The Price Center – W. San Antonio St., San Marcos, TX 78666 – **November**
12. CAF Hanger – 1841 Airport Dr., San Marcos, TX 78666 – **November**
13. City of San Marcos – Approximately 400 Fire Extinguishers - **July**

PROTECT LIFE AND PROPERTY WITH A SINGLE PHONE CALL TO THE SOUTHWEST'S BEST





FIRETROL

Protection Systems

Tuesday, June 14, 2022

Attention: Sandy McKenzie

LIFE SAFETY SYSTEMS INSPECTION TYPE / FREQUENCY

1 - Grant Harris Building – 401 E. Hopkins St., San Marcos, TX 78666 - **November**

- **Annual Inspection of Fire Alarm System**

2 - Municipal Building – 630 E. Hopkins St., San Marcos, TX 78666 - **November**

- **Annual Inspection of Fire Alarm System**
- **Annual Inspection of Fire Sprinkler Systems**
- **Annual Inspection of Fireline Backflow**

3 - San Marcos Activity Center – 501 E. Hopkins St., San Marcos, TX 78666 - **November**

- **Annual Inspection of Fire Alarm Systems**
- **Annual Inspection of Fire Sprinkler System**
- **Annual Inspection of Fireline Backflow**
- **Semi-Annual Kitchen Hood Inspections**
(Inspections are Nov. & May)

4 - San Marcos City Hall – 630 E. Hopkins St., San Marcos, TX 78666 - **November**

- **Annual Inspection of Fire Alarm System**
- **Annual Inspection of FM 200 System**

5 - San Marcos Fire Station 2 – 205 Flint Ridge Rd., San Marcos, TX 78666 - **November**

- **Annual Inspection of Fire Alarm System**
- **Annual Inspection of Fire Sprinkler System**
- **Semi-Annual Kitchen Hood Inspections**
(Inspections are Nov. & May)

6 - San Marcos Fire Station 4 – 1404 Wonder World Dr., San Marcos, TX 78666 - **November**

- **Annual Inspection of Fire Alarm System**
- **Annual Inspection of Fire Sprinkler System**
- **Semi-Annual Kitchen Hood Inspections**
(Inspections are Nov. & May)



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Protection Systems

7 - San Marcos Fire Station 5 – 100 Carlson Circle, San Marcos, TX 78666 - **November**

- **Annual Inspection of Fire Alarm System**
- **Annual Inspection of Fire Sprinkler System**
- **Annual Inspection of Fireline Backflows**
- **Semi-Annual Kitchen Hood Inspections**
(Inspections are Nov. & May)

8 - San Marcos Library – 625 E. Hopkins St., San Marcos, TX 78666 - **November**

- **Annual Inspection of Fire Alarm System**
- **Annual Inspection of Fire Sprinkler System**
- **Annual Inspection of Fireline Backflow**

9 - San Marcos Rec Hall – 170 Charles Austin Dr., San Marcos, TX 78666 – **November**

- **Annual Inspection of Fire Alarm System**
- **Annual Inspection of Fire Sprinkler System**
- **Annual Inspection of Fireline Backflows**

10 - Gary Sports Complex – 2600 Airport Hwy 21, San Marcos, TX 78666 – **November**

- **Semi-Annual Kitchen Hood Inspections**
(Inspections are Nov. & May)

11 - The Price Center – W. San Antonio St., San Marcos, TX 78666 – **November**

- **Annual Inspection of Fire Alarm System**
(Elevator Recall ONLY)

12 – CAF Hanger – 1841 Airport Dr., San Marcos, TX 78666 – **November**

- **Annual Inspection of Fire Alarm System**
- **Annual Inspection of Fire Sprinkler Systems**
- **Annual Inspection of Fireline Backflow**
- **Annual Inspection of Fire Extinguishers**

13 - City of San Marcos – Approximately 400 Fire Extinguishers – **July**

TOTAL ANNUAL FIRE LIFE SAFETY INSPECTION INVESTMENT **\$18,190.00**

BuyBoard: Vendor ID# 4924 Contract# 654-21



FIRETROL

Protection Systems

Service Rates:

Fire Alarm:	\$100.00 Hr Straight Time	\$150.00 Hr Overtime
Sprinkler:	\$100.00 Hr Straight Time	\$150.00 Hr Overtime
Gas Systems/ Hoods:	\$100.00 Hr Straight Time	\$150.00 Hr Overtime

- *Straight time is Monday – Friday 7:00am to 4:00pm*
 - *2 hr minimum applied to all service calls*

INSPECTION PROCEDURES

Fire Sprinkler Systems

Fire Sprinkler systems will be inspected in accordance with the manufacturer's guidelines, N.F.P.A Standard 25, and the local Authority Having Jurisdiction (AHJ). Inspections will be conducted quarterly or annually as required by the local AHJ and at a minimum annually and every five years. Annual inspection procedures of sprinkler systems include:

- Inspect the fire department connections(s) to ensure caps/plugs are in place, coupling/swivels are undamaged, gaskets are present, signs are in place and no obstruction or damage is present.
- Inspect the riser for any water leaks, ensure bracing is intact, and alarm valves are in proper position and no obstructions or damage is present.
- Inspect gauges for damage and ensure the three-way test valve is present and open.
- Inspect and test water flow alarm bell/gong for any visual obstructions and note if the fire sprinkler system is monitored.
- Inspect that the control valves are secure, with no leaks, the open/shut indicators are working, and no obstructions or damage is present.
- Inspect fire sprinkler heads for leaks, paint, or corrosion or flow obstruction; portion and check that the required sprinkler heads and wrench are on site.
- Inspect main drain test for static psi before, residual psi during and static psi after test completion.
- Any defect found will be noted and sent to appropriate person with a cost quotation for repairs and re-certification.

Fire Pumps

Inspections will be in accordance with manufacturer's guidelines, N.F.P.A Standard 25, and the local Authority Having Jurisdiction (AHJ).

Inspection procedures of fire pumps include:

- Type of Driver Diesel or Electric.
- Check Rating, GPM, and PSI.
- Check and verify pump and motor are very on damage and leaks.
- Verify all hoses and batteries and free of corrosion and cracks.
- Shut and open all fire pump valves to insure proper operation.
- Check auto start and stop by flow test.
- Conduct load and non load test and graph to ensure proper operation as designed.
- Check water tank and floats for proper operation.
- Verify all lights and gauges are working properly.
- Verify pump and controller S/N and Manufacture information.
- Any defect found will be noted and sent to the appropriate person with a cost quotation for repairs and re-certification.



FIRETROL

Protection Systems

Fire Hose and Standpipe & Hydrants

Inspections on this equipment will be in accordance with N.F.P.A. Standard 1962 and Standard 14, the manufacturer's guidelines, and the local Authority Having Jurisdiction (AHJ). Inspections will be annually unless otherwise noted. Annual inspection procedures include:

- Inspection of the hose, couplings and nozzles to insure they are free from debris, mildew and rot. Verify that there is no damage caused by chemicals, burns, cuts, abrasions or vermin.
- Inspect the interior linear at each end for any physical signs of linear delaminating.
- Inspect the hoses for the current test psi.
- Ensure the location of the hose is sufficient and verify it is not blocked.
- Verify the manufacture date of each hose and perform hydrostatic testing as required every 5 years from same and then every 3 years thereafter.
- Flow Hydrants for proper flow and pressure.
- Any defect found will be noted and sent to appropriate person with a cost quotation for repairs and re-certification.

Backflow Prevention Devices

Backflow Prevention devices are to be serviced annually per Title 22 Health Code, Universal Plumbing Code and the local Authority Having Jurisdiction (AHJ). When required a licensed plumber will conduct testing.

Fire Alarm Systems

Fire Alarm systems will be inspected in accordance with N.F.P.A Standard 72, the local Authority Having Jurisdiction (AHJ) and the manufacturer's guidelines. CFP will conduct quarterly or semi annual inspections as required by the local Authority Having Jurisdiction (AHJ) and at a minimum will perform annual inspections. Annual inspection procedures of fire alarm systems include:

- A complete inspection of the fire alarm system control panel(s).
- Inspection to ensure proper zone operation.
- Inspect all manual pull stations and ensure they are accessible.
- Inspect smoke detectors and magnetic hold open devices.
- Inspect supervisory devices and ensure they are sending supervisory signals.
- Inspect heat detectors.
- Inspect and test audible alarm bells.
- Inspect and test area smoke detectors.
- Inspect and confirm that the systems power supplies including battery back ups are functioning.
- If the system is monitored, ensure that a signal was received at the central station.
- Any defect found will be noted and sent to appropriate person with a cost quotation for repairs and re-certification.
- Current fire codes insist that every other year smoke detection devices must have a sensitivity test in addition to the inspection.

Fire Extinguishers

Inspections will be in accordance with the manufacturer's guidelines, N.F.P.A Standard 10, and the local Authority Having Jurisdiction (AHJ). Inspections will be annually unless otherwise noted. Annual inspection procedures of fire extinguishers include:

- Visually inspect extinguisher.
- Inspect last hydrostatic test date (12 years) and last 6-year maintenance inspection.
- Inspect pressure gauge.
- Inspect shell, valve and discharge hose for damage or corrosion.
- Inspect carry handle and push lever for functionality.
- Install new tamper seal.
- Clean shell and install certification tag.
- Any defect found will be noted and sent to appropriate person with a cost quotation for repairs and re-certification.