

FIRE PROTECTION SERVICES

MISSION STATEMENT:

TP Mechanical strives to be the premier contractor that builds everlasting value by transforming our industry through a culture based on honesty, safety, innovation, and servant leadership.

THE TP MECHANICAL ADVANTAGE:

As a full service mechanical contractor, we present a single source solution for our clients by offering services in the following areas:

- Plumbing
- Specialty and Process Piping Systems
- HVAC Piping
- Sheet Metal & Air Distribution
- Fire Protection
- Prefabrication
- 3-D Coordination Process
- Design Build Construction
- Maintenance and Service Agreements
- A nationally recognized safety program (2016 EMR 0.62)



FIRE PROTECTION INSPECTIONS & SERVICES

ANNUAL WET SPRINKLER SYSTEM INSPECTION:

- Main drain flow test
- Flow test system inspector's test valve
- Test supervisory alarm switches (tamper and flow switches)
- Check all indicating type valves for proper operation
- Visual inspection of all sprinkler equipment
- NFPA Compliant Report of inspection given to customer

ANNUAL DRY SPRINKLER SYSTEM INSPECTION:

- Main drain flow test
- Flow test system inspector's test valve
- Test supervisory alarm switches (tamper and pressure switches)
- Check all indicating type valves for proper operation
- Trip test dry valves (full trip test every 3 years, choke trip others)
- Drain all low points on system
- Visual inspection of all sprinkler equipment
- NFPA compliant report of inspection given to customer

ANNUAL PRE-ACTION SPRINKLER SYSTEM INSPECTION:

- Same as dry system inspection
- Test all detection, alarms, and LED's through control panel functions
- Test battery backup
- Check audio-visual devices
- NFPA compliant report of inspection given to customer

QUARTERLY SPRINKLER INSPECTIONS:

- Main drain flow test
- Flow inspector's test valve on wet system
- Test supervisory alarms (tamper)
- Test pressure switch on dry system/ pre-action system using alarm test valve
- NFPA compliant report of inspection given to customer

BACKFLOW TESTING:

- Annual testing and inspection of not only fire protection backflows, but also domestic backflow preventers
- NFPA compliant report of inspection faxed to AHJ and copy given to customer

INTERNAL AND PIPE OBSTRUCTION INSPECTION AND TESTING:

- Five-year internal and obstruction sprinkler pipe inspections
- NFPA compliant report of inspection faxed to AHJ and copy given to customer

ANNUAL HYDRANT INSPECTION:

- Full flow test of private fire hydrant
- Draining of hydrants before fall season
- NFPA compliant report of inspection given to customer

ANNUAL FIRE PUMP TESTING:

- Testing of fire pump using manufacturer's representative
- NFPA compliant report of testing give to customer

FE-13/FM-200/SPECIALTY SYSTEM ANNUAL AND SEMI-ANNUAL TESTING:

- Check and verify agent level and pressure
- Test all control panel functions and LEDs
- Test all smoke detectors
- Test all manual pulls
- Test battery backup
- Check audio-visual devices
- Report of inspection given to customers

FIRE ALARM SYSTEM AND SPRINKLER MONITORING SYSTEM ANNUAL ALARM TESTING:

- Test all control panel functions and LEDs
- Test all smoke, heat, CO2 and duct smoke detection devices
- Test all manual pull stations
- Test all magnetic door holds, fire doors and associated relays
- Test all water-flow and tamper switches
- Test battery backup
- Verify signals to central station monitoring via automatic dialer
- NFPA compliant report of inspection given to customer

FIRE ALARM SYSTEM AND SPRINKLER MONITORING SYSTEM SEMI-ANNUAL ALARM TESTING:

- Required manual pull station testing
- NFPA compliant report of inspection given to customer

ALARM SYSTEM MONITORING:

- Able to provide 24-hour, continuous monitoring of alarm system through Central Station

24 HR. EMERGENCY SERVICE:

Certified Specialist in Fire Protection, Fire Alarm and Life Safety