

Fire Pump Test



FIELD'S
Fire Protection, Inc.

NFPA 25 requires you to maintain your fire pump and systems in good working order and to maintain, inspect, test and provide maintenance reports for your records. Inspections will be performed on an Annual basis.

EXAMPLES OF WORK PERFORMED DURING AN INSPECTION INCLUDE:

- Isolate sprinkler system so the fire pump flow test can be completed using the flow rates required by NFPA.
- Connect hoses to test header and run to hose monsters.
- Open test header.
- Reduce water pressure to determine turn on pressure, activating the fire pump.
- Run the fire pump under a no-flow or churn pressure status.
- Record suction and discharge pressure, voltage, amps, temperature of the bearings and RPM on the test report.
- Run the fire pump under a 100% capacity using the test header valves to regulate the flow.
- Record suction and discharge pressure, voltage, amps, temperature of the bearings and RPM on the test report; note number of hoses used and pitot pressure from each hose.
- Run the fire pump under a 150% capacity.
- Record suction and discharge pressure, voltage, amps, temperature of the bearings and RPM on the test report; note number of hoses used and pitot pressure from each hose.
- Upon completion the fire pump will be reset to normal operating condition.
- Tag all devices as required and perform required record keeping.