



# MCKINNEY FIRE DEPARTMENT FIRE MARSHAL'S OFFICE



## Fire Hydrant Flow Test Guide

Any firm, contractor, or developer conducting work within the City of McKinney that requests a Fire Hydrant Flow Test must complete an application. A qualified third-party company that meets the most current NFPA 291 standard must perform the Fire Hydrant Flow Test with McKinney Fire Marshal's Office (FMO) personnel on-site to witness.

### INITIAL APPLICATION

1. Prior to the flow test of any fire hydrant in The City of McKinney, an application shall be submitted to the McKinney FMO. No testing shall be conducted until the flow test is scheduled and McKinney FMO personnel are on-site to witness.
2. Complete application process and submit the following with the application:
  - a. Address of the project
  - b. Name of the project
  - c. Firm, Contractor, or Developer requesting the test
  - d. Third Party conducting the test
  - e. Site plan drawing of the area showing fire hydrants and building

### FLOW TEST

1. The fire hydrant flow test will require qualified personnel with proper equipment and personnel to safely conduct the test. Testing equipment shall be calibrated within a year of the flow test.
2. The third-party company must have adequate personnel on site to conduct the fire hydrant flow test safely and properly.
3. All tests shall meet the most current NFPA 291 standard.
4. Fire hydrants must be opened and closed properly to prevent water hammer.
5. No more than three (3) fire hydrants may be opened at a single time.
6. Personnel will ensure the safety of people and property in the area.
7. The third-party personnel conducting the fire hydrant flow test shall be responsible for any property damage that may occur.
8. McKinney FMO personnel must be on site to witness flow test. (McKinney FMO personnel are on-site only to witness the flow test and ensure its validity.)
9. The third-party company shall email all documentation and results to [FMO@McKinneyTexas.org](mailto:FMO@McKinneyTexas.org).
10. If there is any damage or maintenance required to fire hydrants or mains this must be reported to McKinney FMO personnel. McKinney FMO personnel shall forward that information to the water department.

**The requirements for installation follow the current adopted International Fire Code (IFC) and local McKinney Fire Department amendments. This is not an exhaustive list, and it shall be the responsibility of the owner/operator to ensure compliance with all codes.**