



Fire Marshal's Office
203 Commerce Blvd
Round Rock, TX 78664
Office (512) 218-6628
firemarshalsoffice@roundrocktexas.gov

ROUND ROCK FIRE DEPARTMENT

FIRE MARSHAL'S OFFICE

HYDRANT FLOW TEST REQUIREMENTS AND PROCEDURES

Reference 2016 Ed. NFPA 291

Application Submission

- The application is required to be submitted 7 days prior to the test being scheduled. The application will be submitted through the City of Round Rock Permit Portal [HERE](#).
- The application should include a map that shows the locations of the Flow and the Static/Residual hydrants. This map should be acquired from the City of Round Rock GIS website with the waterline layers turned ON. The map should have the satellite image turned ON. <https://maps.roundrocktexas.gov/cityview/>
- The application information will be shared with the City of Round Rock Water Department to verify that the test can be properly conducted at the location requested. The Water Department will be notified of the date and time of testing by the Fire Marshal's Office.
- It is the requesting party's responsibility to ensure that the information is appropriate to the location of your project. Hydrant information provided is an indication of the water supply characteristic in the immediate area on the date and time noted. The City of Round Rock does not guarantee that this data will be representative of the water supply characteristics at any time in the future.

Scheduling

- A test will not be scheduled until the \$100 inspection fee is received.
- Once applicant's information is submitted through the [City of Round Rock Permit Portal](#) the Round Rock Fire Marshal's office will contact the applicant via email to schedule a time for an inspector to witness the test.
- An applicant that provides less than 24 hours' notice to cancel or reschedule a test will be required to pay an additional \$100 fee to perform the test.

Performing the Hydrant Flow Test

- **The requesting applicant will be responsible for performing the hydrant flow test.** If the requesting applicant is not capable of performing a test, the applicant will be responsible for hiring an experienced contractor to conduct the test on their behalf. An inspector from the Round Rock Fire Marshals office will witness the test.
- The individual performing the flow test shall have all necessary equipment to conduct the test safely and accurately. Pressure gauges should be 100-150 psi to ensure accurate readings. A flow diverter should be used when property is at risk of being damaged by flowing water.
- The inspector will verify that accurate test results are recorded. The individual who performed the test will provide documentation, confirming the test results.
- Both 2.5” outlets will be opened on the flow hydrant to achieve a greater drop between static and residual pressures. See the following video for explanation <https://youtu.be/8YpogorxFSc> or refer to NFPA 291.