

E·J

Flow Tests

Flow Testing Professionals

- EJ Flow Test, LLC (aka EJ Flow Tests) conducts tests professionally in accordance with City Forces and associated local water purveyor requirements and in accordance with the latest Edition of NFPA-291, "Recommended Practice for Fire Flow Testing and Marking of Hydrants". EJ promptly coordinates fully with City forces for each flow test, we efficiently obtain and pay for permits and correspond additionally as required to conduct each test.
- EJ conducts flow tests safely. We utilize directional diffusers, and fully equip our technicians with OSHA and ANSI equipment (steel toed shoes, safety vests, etc.), road construction signage and cones, and other equipment such as shovels, brooms, tarps, etc.
- Licensed as a Commercial Fire Protection Contractor in Arizona AZ ROC 271705 L16 with all the insurance coverage's required to install and operate fire hydrants (Construction Insurance). EJ2 Construction is a licensed commercial fire protection contractor that also has the licensing capabilities to install and repair fire protection water supply lines including excavation, trenching, backfilling and grading, pressurizing, testing, flushing, etc. Our employees are fully versed in these areas as they apply to flow testing in accordance with NFPA-291. John is the licensee.
- Licensed as Professional Engineers in Arizona and many other states, with all the insurance coverage's required to stand behind the test data, & methods (E&O insurance).
- EJ follows requirements set by **STATE LAW and Board of Technical Registration Rules and Requirements**: In Arizona, flow test data is one of the five (5) professional registrant activities, "ascertain the availability and adequacy of the water supply for the project", as indicated in the Substantive Policy Statement and Applicable ARS Law.
- Certified as a Fire Protection Specialist with the National Fire Protection Association (NFPA) - CFPS No. 1915.
- NICET Certified in Fire Sprinklers AND Special Hazards at the highest level since 1994. In addition, John is a NICET Subject Matter Expert (SME) and writes and reviews national test questions for NICET (since 2009). NICET Certification No. 078493.
- Nearly all of our employees are graduates of accredited Universities or attending University. John has a Bachelor's Degree from ASU and is working on his Master's Degree.
- All flow test data obtained at the site is immediately time and date stamped with GPS location. Data is immediately available to the witnessing parties, including flowing gpm and fire flow gpm (at 20 psi). Data available at the site includes raw test data and at a minimum 10% safety factor data.
- EJ has conducted nearly 4,000 flow tests and we are in our 18th year in business.
- EJ utilizes equipment and gauges that are always less than 12-months old and individually identified with QR Codes for independent field-verification by inspectors or water officials. A QR scan with a PDA immediately displays the actual receipt and purchase info relating to each individual gauge as required by code.

EJ Flow Test, LLC.
21505 N. 78th Ave., Suite 125
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Tel: 602.999.7637
www.ejflowtests.com

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- At a minimum, Per NFPA-291 we attempt to obtain a drop from static to residual of 25% during the test or to flow 1,500 gpm per test (the minimum commercial building water flow required for firefighting purposes when applying the latest edition of the International Fire Code, NFPA-291 and Federal Codes). Tests are conducted and a PDF report of the test is generated on-site at the conclusion of the test.
- We send two technicians to conduct EACH test to ensure no one else is reading our gauges and to efficiently and effectively ensure a safe test is conducted. This includes, being prepared to shut down a hydrant in the event of a broken stem, direct traffic, clean up any debris, repair landscaping and be prepared for anything else that may arise in the field during a test.
- EJ represents three (3) separate firms (EJ Flow Tests, LLC, EJ Engineering, Inc. and EJ2 Construction, LLC) each company is a professional firm with all necessary licenses and insurance.
- We show up early or on-time to each test to limit the time the stakeholders spend at the jobsite; we save taxpayer and client's time and money. We also provide Fire & Water Departments and Water Purveyors with flow test data for their records. EJ Flow Tests utilizes our in-house created flowtestsummary.com software that includes geo locations, elevations, distances between test hydrants, and available water supply at 20 psi.
- We also place "**Watch for Water on Road**" signs and construction cones as necessary prior to conducting the test to improve vehicular, personnel and bystander safety and limit liability the liability of all stakeholders.
- We have our own pressure recorders that allow us to digitally monitor static pressures in a given pressure zone and map them accordingly as part of a graphical representation of the water supply.
- We conduct flow tests nationally. We fly to flow tests as required anywhere in the country. When a regional flow test is required we have our own pilot and small plane (insurance data available upon request). Our pilot is a current Captain of a National airline and was a former F-16 Fighter Pilot for 24-years; he has more than 13,000 flying hours! This allows our flow test team to usually reach a remote project site the same morning of the test. As most flow tests are required to occur during the typically most demanding time (6:00 AM to 8:00 AM), this reduces costs, not increase them, as long drives and overnight stays are often eliminated.

OUR COMPANIES:

EJ Engineering Group, Inc. – Fire Protection Consulting Engineers

EJ2 Construction Group, LLC – Licensed FP Contractors - ROC271705 AZ Commercial L-16

EJ Flow Test, LLC – Water Supply and Flow Testing Professionals

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