

ALTERNATIVES IN ENGINEERING, INC.

Fire Protection
Engineering & Design Services

Stopping Fire Before It Spreads ~ Since 1983

Who We Are

President - Kati Smith, P.E.

Vice President of Engineering - Scott Repke, P.E.

Warmann family owned and operated since 1983. Our experienced staff consists of Licensed Professional Engineers, Project Managers, and NICET-certified personnel who specialize in a wide range of fire sprinkler design, construction inspections, and engineering services. Our staff is licensed in 47 states and works nationwide with a variety of clients, facilities, and local jurisdictions. AIE has experience in tenant build-outs, system upgrades, full design for new developments as well as retrofit installations in new and existing facilities.

What We Do

- Water Supply Site Survey Analysis
- Construction Services
- Specifications & Sprinkler Design
- Code Consulting
- Plan Review
- Sprinkler System Commissioning
- Hazard Analysis

What Our Clients Say

Our clients include some of the nation's largest retailers, architects, water authorities, and civil engineering firms.

"I am always impressed with the work that your group does to help us out with fire and other water system analysis. I am a thorough guy and always check to the last detail the analysis that AIE provides us and every time it is absolutely spot on. Your group is always responsive and always reasonable. You have earned my trust & I look forward to continuing our work together."
-Kimley-Horn and Associates, Inc.

Why Third Party Flow Test?

When designing a fire sprinkler system for any building, one of the first and most important steps is to analyze the water system. Why? To work properly and control a fire, a sprinkler system must provide the correct flow and pressure for the system to be effective. The flow and pressure is specific to each site and building.

Our team has the ability and experience to understand both the water system being tested and the fire sprinkler system the test is used to design.

Based on our test results, project demands, and experience, we can suggest design alternatives that will satisfy water demands without investing in costly fire pumps and/or water storage tanks.

This analysis could result in savings greater than the initial cost. As your third party engineering firm, AIE helps protect your bottom line while ensuring your project meets any applicable code requirements.

Check out our blog for more great information: <http://aiefirestl.com/blog>.



Contact Us Today To See How We Can Help You!

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