



IIA FIRE DEPARTMENT
TESTING

YOUR CHALLENGE. OUR EXPERTISE.

Industrial Inspection & Analysis (IIA) is the go-to expert for comprehensive fire truck inspections because we fully understand the necessity of keeping your crew safe, maintaining a dependable fleet, and meeting regulations. We have been the trusted leader in fire truck inspections for over four decades and offer top-to-bottom inspections, including first-line and reserve-line apparatus inspections. Using our mobile pump tester and customized methodology, we conduct fast, thorough, and reliable services that either meet or exceed NFPA guidelines, and we are ISO 17020 accredited. Our speed and efficiency keeps your fleet operating with minimal downtime. With our refined methods, in one day we test what it takes others several days to complete. And IIA's expansive geographical reach means we've got you covered all across the United States.

THE SERVICE YOU DESERVE

IIA's Fire Department Testing Division understands that under the best of circumstances, being the leader of a station is a demanding task. Between fighting fires, responding to medical emergencies, assigning duties, and conducting training, you must also track and schedule annual truck inspections. Our experts understand those pressures and know exactly what you need. IIA guarantees a streamlined and worry-free inspection experience for you and your station every time.

With our system, our experts can inspect 20,000 feet of hose per day and reload at a 90% faster rate.



“ Thank You for coming out and doing our inspections on such short notice. It's greatly appreciated. IIA's technician was top notch. He was very knowledgeable and friendly, and we are going to have him back to perform our next inspections. Thank you! ”

- City of Redfield Fire Department



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HOSES, PUMPS, APPLIANCES

IIA has a tailored-made, perfected inspection process, which includes a custom-built support structure for reloading inspected hoses. Removing hoses and racks one at a time allows other trucks to stay in service and means less down time. IIA's thorough tests include flow and pressure tests to ensure no leaks, and our detailed recording includes: diameter, length, manufacturer, age, and location. We provide a custom inventory tagging system for each coupling, which means no failed hoses will recirculate. We have also created industry specific cages and gauges for safe appliance and nozzle testing.



TECHS & TESTS

Our highly-skilled Level II NDE Certified technicians conduct complete visual and operational tests of your aerial devices and all related components. These tests can include non-destructive examinations (NDE), such as Ultrasonic Testing (UT), Dye Penetrant (DP), and also Magnetic Particle (MP) testing, to validate the integrity of the structural welds. We test the hydraulics to confirm the security of the equipment, and we also conduct timing, load, and drift tests, as well as waterway flow, leak, pressure and twist tests.



LADDERS

IIA performs all necessary annual ladder inspections according to NFPA guidelines using traditional and specialty equipment. We provide testing for ground, roof, attic, combination, extension, and multipurpose ladders, conducting visual, operational, bend, and drift tests. We also perform hardware, pressure, and load tests to make certain the ground ladder safely withstands all load requirements using our mobile crane load testing equipment. Our experts are trained to test all ladders, whether metal, wood, or fiberglass, in accordance with NFPA guidelines and place an IIA testing identification sticker on all ladders.

TURNING DATA INTO KNOWLEDGE

IIA's field technicians are equipped with tablet computers, and a digital report is generated and issued following all inspections. If no abnormalities exist, a Certificate of Compliance is issued in accordance with NFPA 1911 guidelines.

A detailed report with valuable inspection data is delivered to you in as little as 24 hours.



CERTIFICATIONS & GUIDELINES

- Adheres to all EVT and strict NFPA standards
- Complete inspection and non-destructive testing program to meet the current NFPA 1911 as well as 1932-2010 guidelines
- Ground ladders are in accordance with the current NFPA 1932 guidelines
- ISO/IEC 17020 Accredited

Let Our Experts Help.

We will provide your department with all your annual testing needs.

Contact us at 855-951-1228 or visit us at industrial-ia.com