

ACE Fire Protection Bolsters FDNY Readiness with Fire Extinguisher Hydrostatic Testing Amid E-Mobility Risks

ACE Fire Protection offers DOT-licensed hydrostatic testing in NYC and NJ, ensuring extinguisher reliability for lithium-ion and electrical fire risks.

BROOKLYN, NY, UNITED STATES, September 19, 2025 /EINPresswire.com/ -- [ACE Fire Protection](#)

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As e-mobility grows, safety demands change. We're committed to helping facilities stay code-compliant with reliable extinguisher testing, clear records, and uninterrupted coverage.”

Owner

today announced expanded availability of Department of Transportation (DOT)-licensed fire extinguisher hydrostatic testing services to support readiness across New York City and New Jersey as the growth of e-mobility introduces new fire safety challenges. The initiative focuses on rigorous fire extinguisher hydrostatic testing aligned with OSHA 29 CFR 1910.157 and NFPA 10 to help ensure extinguishers perform as intended when responding to incidents involving lithium-ion batteries and high-energy electrical systems.

Request a service assessment or quote for

<https://acefireextinguishers.com/service/fire-extinguisher-hydrostatic-testing/>. For program details—including swap-out coverage and documentation options—visit the service page or contact ACE Fire Protection by calling (718) 608-6428.

E-Mobility and operational readiness

Across dense urban environments, lithium-ion batteries powering e-bikes, scooters, and electric vehicles can fail when damaged or improperly charged, producing intense, fast-moving fires. Public safety agencies have issued advisories highlighting prevention, early detection, and the importance of reliable suppression equipment. For facilities, that translates to verified extinguisher integrity, accurate documentation, and clear maintenance intervals that stand up to audits.

What hydrostatic testing assures

Hydrostatic testing validates the structural integrity of cylinders and key components by

pressurizing the vessel with liquid and inspecting for leaks or flaws. Unlike visual inspections, hydrostatic tests are periodic, code-driven procedures designed to confirm that extinguishers can withstand operating pressures. OSHA 1910.157 specifies trained personnel, suitable equipment, and interval requirements (e.g., 5 or 12 years depending on type), while NFPA 10 details procedures and recordkeeping. ACE's DOT authorization (RIN# N213) covers pressure testing for portable extinguisher cylinders under federal requirements.

Service model: no-downtime coverage and digital documentation

To avoid gaps in protection during testing, ACE maintains a swap-out program that keeps properties covered while cylinders are off-site for hydrostatic testing. The program is supported by certified technicians and end-to-end documentation practices designed to streamline audits and insurance reviews. ACE also provides monthly inspection guidance and annual maintenance scheduling to help facilities align with OSHA and NFPA expectations.

- DOT-authorized hydrostatic pressure testing for portable extinguisher cylinders (RIN# N213)
- Temporary swap-out units to maintain coverage during testing windows
- Digital service records and testing certificates for audit readiness
- Monthly inspection support and annual maintenance coordination

"Urban risk profiles are changing with e-mobility. Our role is to make compliance practical—keep coverage continuous, records clean, and equipment trustworthy," the spokesperson added.

Healthcare, manufacturing, hospitality, education, and multi-tenant commercial properties—with 24/7 operations, strict uptime needs, or high public foot traffic—benefit from coordinated hydrostatic testing that is scheduled around occupancy and shift patterns. ACE's licensed, FDNY/NYC-compliant services span New York City, Long Island, and New Jersey, with technicians trained to national and local code requirements.

About ACE Fire Protection

ACE Fire Protection is a certified and licensed fire extinguisher services company located at 119 Hausman St., Brooklyn, NY 11222, providing sales, inspections, tagging, testing, recharging, and violation removal. The company follows FDNY, OSHA, NFPA, and NAFED guidance and maintains DOT authorization for hydrostatic testing of portable extinguisher cylinders. ACE supports organizations with digital tracking, reporting, and documentation to simplify compliance and improve operational readiness.

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