

Fire Pump Inspection Testing Guidelines and Regulations: What Facility Owners Should Review

Kord Fire Protection is sharing guidance on fire pump inspection and testing guidelines under NFPA 20 and NFPA 25.

LOS ANGELES, CA, UNITED STATES, June 15, 2026 /EINPresswire.com/ -- Kord Fire Protection is sharing guidance for facility owners, property managers, engineers, and building operators on the importance of [fire pump inspection and testing](#) as part of a complete fire protection maintenance program.

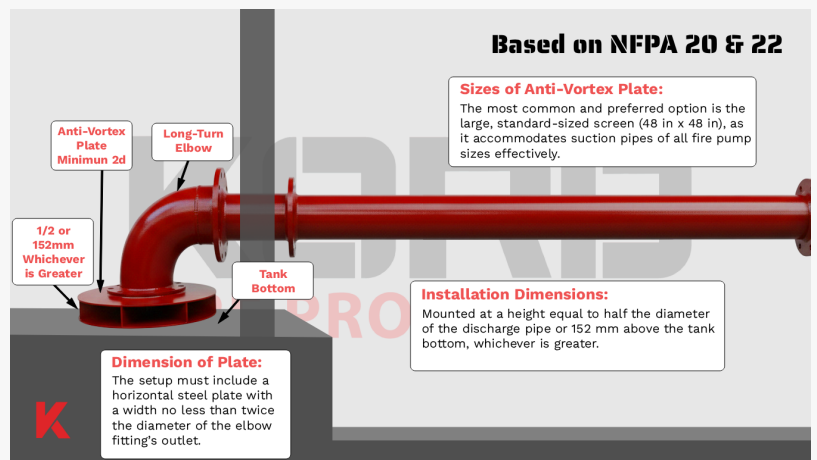
Fire pumps are one of the most important pieces of infrastructure in many commercial, industrial, high-rise, warehouse, and multifamily properties. When a building's water supply does not provide enough pressure or flow on its own, the fire pump helps deliver the water needed for sprinkler systems, standpipes, hose valves, and other water-based fire protection systems. If the pump fails during an emergency, the rest of the system may not perform as designed.

Fire pump inspection testing guidelines and regulations are shaped by several major standards. NFPA 20 provides requirements for the installation of stationary fire pumps for fire protection, including pump equipment, drivers, controllers, suction and discharge arrangements, and system performance. NFPA 25 provides the inspection, testing, and maintenance framework for water-based fire protection systems, including ongoing fire pump testing, documentation, and deficiency tracking.

For facility teams, these standards are not just technical references. They help establish a maintenance structure that confirms whether the fire pump can start, run, build pressure, move



Fire pump inspection



fire pump plate graph

water, and support the fire protection system when it is needed most.

A complete fire pump program may include visual inspections, no-flow or churn testing, controller checks, pump room condition reviews, alarm and supervisory signal verification, valve position checks, gauge readings, fuel or power supply review, annual flow testing, and correction of documented deficiencies. The exact requirements can vary based on pump type, building use, local code adoption, insurance requirements, and the Authority Having Jurisdiction.

Electrical reliability is also a major part of fire pump readiness. Electric fire pumps depend on properly installed power supplies, controllers, disconnecting means, wiring methods, overcurrent protection, emergency power coordination, and safe service practices. Electrical code considerations may involve NFPA 70, also known as the National Electrical Code, as well as NFPA 70E for electrical safety during service work. For this reason, fire pump evaluation often requires coordination between fire protection professionals and qualified electrical teams.

Kord Electric supports this broader life safety conversation through [commercial electrical systems](#), industrial electrical services, emergency power coordination, electrical infrastructure upgrades, and code-conscious service for facilities that rely on dependable building systems. When a fire pump, fire alarm, generator, controller, or monitoring pathway depends on electrical infrastructure, the fire protection and electrical sides of the building should not be reviewed in isolation.

Fire pump testing is also a documentation issue. Facility owners should keep accurate records of inspections, test results, flow data, pressure readings, repairs, impairments, and corrective actions. These records may become important during fire department reviews, insurance evaluations, facility audits, ownership transitions, and post-incident investigations.

Common fire pump concerns may include loss of pressure, failed automatic start, controller issues, closed or partially closed valves, leaking packing, overheating, fuel supply problems, battery problems on diesel systems, corroded piping, blocked pump room access, damaged gauges, missing test records, and flow test results that no longer match the building's design needs.

"Kord Fire Protection encourages facility teams to treat fire pump testing as a readiness program, not a paperwork task," said a Kord Fire Protection representative. "A fire pump can look normal from the outside while still having performance, control, power, valve, or documentation issues that only show up during proper inspection and testing."

The company also notes that fire pump requirements are not limited to the United States. In [Australia](#), fire pump maintenance and testing are commonly associated with AS 1851 for routine service of fire protection systems and equipment, while AS 2941 addresses fixed fire protection pumpset systems. Through kordfire.com.au, Kord Fire Protection continues to build educational resources for Australian property owners, facility teams, and businesses reviewing fire protection

obligations across commercial and industrial environments.

For buildings in Los Angeles, Southern California, and other major markets, fire pump readiness is especially important for high-rise buildings, warehouses, manufacturing facilities, parking structures, hospitals, schools, mixed-use properties, industrial sites, and facilities with large sprinkler or standpipe demand. These systems may sit quiet for most of the year, but when they are needed, they must work immediately.

Kord Fire Protection advises facility owners to review their fire pump inspection and testing records, confirm that required testing is being completed, address deficiencies quickly, and coordinate fire protection and electrical reviews when pump performance depends on control equipment, dedicated power, emergency power, alarm monitoring, or related building infrastructure.

Fire pump inspection and testing should remain a core part of every facility's fire protection plan. A reliable pump supports pressure, flow, compliance, documentation, and emergency readiness. A neglected pump can create risk long before anyone notices a visible problem.

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