

NYC Admin Code Title 29, Sec. 508.2.2

508.2.1 Private fire service mains. Private fire service mains and appurtenances shall be installed in accordance with NFPA 24 and the requirements of the New York City Department of Environmental Protection.

508.2.2 Water tanks. Water tanks for private hydrant systems and yard hydrant systems shall be installed in accordance with NFPA 22.

508.2.3 Yard hydrant systems. Outdoor amusement and exhibition places, bulk plants or terminals, lumber yards, trailer camps, industrial parks, and similar occupancies shall be provided with a yard hydrant system installed in conformance with the requirements of the construction codes, including the Building Code, this section and Section 914. Yard hydrants shall be installed such that the entire area may be reached by 250 feet (76.2 m) of hose from a yard hydrant or a street hydrant supplied from a direct connection to a city water main or other approved water supply.

508.3 Design capacity. The design capacity of the water supply shall be determined by an approved method.

508.4 Water supply test. Upon completion of the installation of a private fire hydrant system and yard hydrant system, a flow test shall be conducted to verify that the system provides the minimum design capacity required by Section 508.3. Certification of the water supply test shall be submitted to the commissioner by a registered design professional.

508.5 Private fire hydrant systems. Private fire hydrant systems shall comply with the requirements of Sections 508.5.1 through 508.5.6.

508.5.1 Where required. Where the front entrance of a building is more than 250 feet (76.2 m) from a hydrant on a public street, as measured by an approved route, private fire hydrants and mains shall be provided as required by the commissioner.

508.5.2 Inspection, testing and maintenance. Private fire hydrant systems shall be subject to periodic tests as required by the commissioner. Private fire hydrant systems shall be maintained in good working order at all times and shall be repaired when defective. Additions, repairs, alterations and servicing shall comply with approved standards.

508.5.2.1 Department flow tests. The department may periodically inspect and test private fire hydrant systems, at the risk of the owner, for proper operation and unobstructed flow of such hydrant system.

508.5.3 Private fire service mains and water tanks. Private fire service mains and water tanks shall be periodically inspected, tested and maintained in accordance with NFPA 25 at the following intervals:

1. Private fire hydrants (all types): Inspection annually and after each operation; flow test and maintenance annually.
2. Fire service main piping: Inspection of exposed, annually; flow test every 5 years.