

4.19 Manual Wet Standpipe Sizing (2022)

Reference: 2019 NFPA 14, Sections 7.8.1, 7.10, & A.7.10.1.2.

Purpose: All manual wet standpipes shall be hydraulically sized to provide the minimum flow and pressure required per NFPA 14.

- I. The standpipe shall be sized to provide the required flow and pressure (500 GPM for the most hydraulically remote standpipe and 250 GPM for each additional standpipe while supplying a minimum 100 psi at the hose valves outlets) with the maximum pressure of 150 psi supplied at the FDC inlets by the Fire Department.
- II. The minimum size shall be 4".
- III. The hydraulic sizing calculations shall be provided with the standpipe system submittal.