

## 4.19 Manual Wet Standpipe Sizing (2025)

**Reference:** 2024 NFPA 14 Sections 7.8.1, 7.10, and 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. GENERAL REQUIREMENTS

1. **Required Flow and Pressure.** 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.
2. **Minimum Size.** The minimum size shall be 4".
3. **Sizing Calculations.** The hydraulic sizing calculations shall be provided with the standpipe system submittal.

DRAFT