4.19 Dry Standpipe Sizing (2016)

Reference: 2013 NFPA 14, Sections 7.8.1 and 7.10

Purpose: All dry or (wetted) dry 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.