

# REMINDER

## Hydrostatic Pressure Testing of Standpipes

**The Department has compiled important information you should know about Hydrostatic testing of standpipes in new installations.**

1. **New?** Construction standpipes are not considered to be in the state of readiness unless; the standpipe is painted RED as stated in BC 3303.8 and a hydrostatic test is performed at intervals. When tests are required, the entire standpipe system must be tested. Section testing of the standpipe will not be permitted, unless a variance is granted.
2. The intervals of testing are based on building height +/-, not the standpipe riser height. The first test shall be performed when the buildings working deck reaching a height of 75 feet, then at every 100 feet thereafter, (175 feet, 275 feet, 375 feet Etc.) until the standpipe system is complete. As stated in BC 3303.8
3. Hydrostatic testing shall be in accordance with BC 901.5, BC 1704.24.1.1 thru 1704.24.1.5, and NFPA 14.
4. When freezing conditions prevail, the hydrostatic test may be postponed, provided a dry pressure test of (air or nitrogen) is performed in the interim. The dry test must be witnessed by a DOB inspector or special inspector, as does the hydrostatic test. As per BC 1704.24.1
5. If the hydrostatic test is deferred due to freezing temperatures, the hydrostatic test must be performed when freezing temperatures no longer exist.

### Resources

- BC 901.5
- BC 1704.24.1 thru 1704.24.5
- BC 3303.8(1)
- NFPA 14, Section 11.4.5

**Post Until: May 31, 2016**