

DEPARTMENT OF LICENSES AND INSPECTIONS <b>CODE BULLETIN OF INFORMATION</b> <b>No. B-0801 R2</b>		CODE OF GENERAL ORDINANCES OF THE CITY OF PHILADELPHIA  TITLE 4 — BUILDING CONSTRUCTION AND OCCUPANCY CODE
<b>SUBJECT OF BULLETIN:</b>  <b>AUXILIARY WATER SUPPLY REQUIREMENTS NFPA 14</b>		<b>REFERENCE CODE SECTION(S):</b>  NFPA 14 Section 7.9.3
ISSUED BY		ISSUE DATE 7/17/08
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TITLE: Chief Code Official, Dept. of Licenses and Inspections		PAGE 1 OF 1

### ISSUE:

In accordance with the PA UCC, the City of Philadelphia has adopted the 2018 IBC for its technical provisions. New standpipe installations shall be installed in accordance with Section 905 of the Code and 2016 NFPA 14. The 2016 NFPA 14 Section 7.9.3 reads as follows:

7.9.3 For building with two or more zones in which any portion of the higher zones cannot be supplied by means of fire department pumpers through a fire department connection, an auxiliary means of supply in the form of high-level water storage with additional pumping equipment or other means acceptable to AHJ shall be provided.

### SCOPE:

This Code Bulletin establishes one means of auxiliary water supply which may be used in lieu of the high-level water storage option listed in the standard that has been accepted and approved by the Department

### POLICY:

After consultation with the Philadelphia Fire Department, the Department has approved an auxiliary water supply provided by a redundant fire pump(s) as an acceptable alternative to high-level water storage.

### DIRECTION:

In the event of loss of the primary water supply (i.e. failure of the primary fire pump), the Fire Department can provide the auxiliary water supply from their pumper trucks through the building's fire department connection only to a maximum height of 250 feet (determined as the maximum pumping height capacity for Fire Department pumper trucks). Above that elevation, NFPA 14 requires another auxiliary water supply. While the standard specifically lists one approved means of auxiliary water supply as high-level water storage with additional pumping equipment, it also allows for other methods acceptable to the AHJ. A system where all floor areas located 250' or more above fire department vehicle access are provided water supply from two independent fire pumps is deemed as an equivalent alternative. A sequence of operations that would prevent simultaneous operation of the two pumps shall be included with the permit documents at time of submission.