Standpipe and Document Submittal Requirements

Comply with 2012 IFC and 2013 NFPA 14

1) Name of Owner and/or Occupant
2) Location, Include correct Street Address (application, drawings and Harris County must match)
3) Name, Address & Phone Number of Installing Company
4) Name, Address & Phone Number of R.M.E. or P.E. if other than installing company
5) Point of Compass
6) Location of Partitions, Fire Walls And Horizontal Exits w/ Fire Hose Valves per code
7) Pipe sizes: Mains, Risers (minimum 4”, for combined systems minimum 6”) & manufactory spec sheets
8) Type and class of Standpipe Systems
9) Complete runout on the floor plans connecting all required Risers & Fire Dept. Connection (FDC)
10) Control Valves on each Riser located at the lowest level
11) Minimum 2” drains (separate from 3” sprinkler drain) at the bottom of each riser (for isolation) 
    draining to the exterior of the bldg. or to an approved floor drain the can accommodate both 
    the standpipe drain and the sprinkler drain if needed
12) Include bldg. exterior elevations from grade
13) Size, Location and piping arrangements for water supply w/ flow test and all other details 
    necessary to establish compliance with the National Standards, IFC & NFPA 14
14) Fire Hose Valve Diagram, if bldg.. is 100% sprinklered use 2 ½” x 1 ½” reducer w/ cap & chain 
    (either on the main landing or the intermediate) unobstructed
15) Provide a riser diagram:
   a) Pipe Size
   b) Control valves
   c) Drains
   d) PRV’s if needed & settings
   e) 3 ½” spring gauge w/ petcock top of each riser w/ Minimum 100 psi
   f) FHV’s
   g) FDC’s
16) Diagram of fire hose cabinets if needed
17) Roof manifold if roof slope requires
18) If 100 psi cannot be reached and maintained then a Fire Pump will be required. Pump Size will 
    be determined by the number of standpipe risers required. 1) If Electric Fire Pump involved 
    provide From the Power Company a 24 month power outage report
19) Site plan showing streets, FDC’s facing street or an approved Fire lane also show fire hydrants 
    (with 100 ft. of FDC) 2013 NFPA 14 sec 6.4.5.4.
20) Must be identified per sec. 6.4.5.2 thru 6.4.5.2.2