CONVENIENCE HOSE CONNECTIONS

New to the 2007 Minnesota State Fire Code (MSFC) is a provision to provide convenience hose connections in R-2 (apartment) occupancies where travel distance for fire department mop-up hose deployment may be excessive. MSFC Section 905.3.9 is not intended to implement the full standpipe requirements of NFPA 14 (2002 edition) in buildings where standpipe systems would not otherwise be required. It was intended to provide the fire department with post-fire mop-up capabilities in areas of a building most remote from their point of access without having to deploy excessive amounts of fire hose.

The basis of these requirements is:

- Apartment Buildings: (R-2 occupancies)
  - 3 or more stories in height.
  - Where any portion of the building's interior area is more than 200 feet of travel, vertically or horizontally, from the nearest point of fire department vehicle access.
- Where standpipes are not otherwise required.
- Not a full NFPA 14 standpipe system.
- Intended for fire department mop-up operations.
- 1½" fire hose at each floor or intermediate landing, in each required, enclosed stairway.
- Sized to provide NFPA 13 inside hose demand at the two most remote outlets.
- Pressure requirements need only meet that of the sprinkler system.
- May be combined with adjacent sprinkler systems or may be stand-alone systems.

An interpretation of this section can be found at: