

**Arvada Fire Protection District**  
**Fire Marshal's Office**  
Administrative Interpretation

<b>Number</b>	2019-01		
<b>Subject</b>	Knox Plugs and Caps – When Required		
<b>Code Reference</b>	2018 IFC 905.11 & 9.12.4.1		
<b>Jurisdiction</b>	Wheat Ridge, Arvada, Jefferson County		
<b>Effective Date</b>	06/10/2019	<b>Issued By</b>	Steven Parker
<b>Revision Date</b>	3/15/2021	<b>Revised By</b>	
<b>Approval Date</b>	06/10/2019	<b>Approved By</b>	Steven Parker

**Purpose**

To provide guidance and code interpretation for the requirement of Knox locking caps and plugs on fire department connections and hose valves.

**Scope**

This Administrative interpretation applies to sprinkler systems and dry standpipe systems in all jurisdictions within the AFD.

**Description of Issue**

At what time is the installation of locking plugs for fire department connections and locking caps for hose valves required to be installed on fire sprinkler and standpipe systems.

**Decision**

In all cases in which new fire sprinkler systems and dry standpipe systems are installed locking caps and plugs are required to be installed on the systems prior to final acceptance of the system(s). For existing fire sprinkler and dry standpipe systems, locking caps and plugs are not required to be installed if the existing caps or plugs are maintained in a good working condition and there are no signs of obstructions in the system piping. If, during inspection of fire department connections or hose valves by either the AFD or third-party inspection company finds that caps and/or plugs are missing, and/or there are obstructions within the piping, locking caps and/or plugs shall be retroactively required to be installed. When these are required to be retroactively installed, the piping shall be proven to be unobstructed (either through video scope or flushing of the piping) prior to the installation of locking caps and/or plugs. Additionally, all the fire department connections and/or hose valves on a given system shall have the plugs and/or caps installed.