

STANDPIPE AND HOSE SYSTEMS

Inspection, testing, and maintenance of standpipe and hose systems shall be performed in accordance with the manufacturer's instructions and NFPA 25 (latest edition). The following list highlights minimum requirements for the essential care of standpipe and hose systems. This list, however, is not meant to replace manufacturer's instructions and updated code requirements. This data is based on the 2014 edition.

**NFPA 25 Table 6.1.1.2: Summary of Standpipe and Hose System
Inspection, Testing, and Maintenance**

ITEM	FREQUENCY	NFPA 25 REFERENCE
<u>Inspection</u>		
Control valves	--	See Table 13.1.1.2
Pressure-regulating devices	--	See Table 13.1.1.2
Piping	Annually	6.2.1
Hose connections	--	See Table 13.1.1.2
Cabinet	Annually	NFPA 1962
Gauges	Weekly/quarterly	6.2.2
Hose ¹	Annually	NFPA 1962
Hose storage device ¹	Annually	NFPA 1962
Hose nozzle ¹	Annually and after each use	NFPA 1962
Hydraulic design information sign	Annually	6.2.3
Hose valves ¹	--	See Table 13.1.1.2
Hose connection	--	See Table 13.1.1.2
<u>Testing</u>		
Waterflow alarm devices	--	See Table 13.1.1.2
Valve supervisory devices	--	See Table 13.1.1.2
Supervisory signal devices (except valve supervisory switches)	--	See Table 13.1.1.2
Hose storage device ¹	Annually	NFPA 1962
Hose ¹	5 years/3 years ²	NFPA 1962
Pressure control valve	--	See Table 13.1.1.2

¹ Hose and nozzle requirements are determined by the local AHJ. Hoses are not required for Smithsonian buildings within the District of Columbia.

² A hose test is required within 5 years of the date of manufacture and every 3 years thereafter.

**NFPA 25 Table 6.1.1.2: Summary of Standpipe and Hose System
Inspection, Testing, and Maintenance**

ITEM	FREQUENCY	NFPA 25 REFERENCE
Pressure-reducing valve	--	See Table 13.1.1.2
Hydrostatic test	5 years	6.3.2
Flow test	5 years	6.3.1
Main drain test	--	See Table 13.1.1.2
Hose valves	--	See Table 13.1.1.2
Hose connections	--	See Table 13.1.1.2
<u>Maintenance</u>		
Hose connections	Annually	Table 6.1.2
Valves (all types)	--	See Table 13.1.1.2
Hose valves	--	See Table 13.1.1.2

**NFPA 25 Table 13.1.1.2: Summary of Valves, Valve Components, and Trim
Inspection, Testing, and Maintenance**

ITEM	FREQUENCY	NFPA 25 REFERENCE
<u>Inspection</u>		
<i>Control Valves</i>		
Sealed	Weekly	13.3.2.1
Locked or electrically supervised	Monthly	13.3.2.1.1
Valve Supervisory Signal Initiating Device	Quarterly	13.3.2.1.2
<i>Alarm Valves</i>		
Exterior	Monthly	13.4.1.1
Interior	5 years	13.4.1.2
<i>Check Valves</i>		
Interior	5 years	13.4.2.1
<i>Pressure-Reducing and Relief Valves</i>		
Hose connections	Annually	13.5.2.1
Hose racks	Annually	13.5.3.1
<u>Testing</u>		
Main drains	Annually/quarterly	13.2.5, 13.2.5.1, 13.3.3.4

**NFPA 25 Table 13.1.1.2: Summary of Valves, Valve Components, and Trim
Inspection, Testing, and Maintenance**

ITEM	FREQUENCY	NFPA 25 REFERENCE
Gauges	5 years	13.2.7.2
Waterflow alarms	Quarterly/semiannually	13.2.6
<i>Control Valves</i>		
Position	Annually	13.3.3.1
Operation	Annually	13.3.3.1
Supervisory	Semiannually	13.3.3.5
<i>Pressure-Reducing and Relief Valves</i>		
Hose connections	5 years	13.5.2.2
Hose racks	5 years	13.5.3.2
<u>Maintenance</u>		
Control valves	Annually	13.3.4