Contractor's Material and Test Certificate for Aboveground Piping

Procedure: Upon completion of work, inspection and tests shall be made by the contractor's representative and witnessed by an owner's representative. All defects shall be corrected and system left in service before contractor's personnel finally leave the job.

A certificate shall be filled out and signed by both representatives. Copies shall be prepared for approving authorities, owners, and contractor. It is understood the owner's representative's signature in no way prejudices any claim against contractor for faulty material, poor workmanship, or failure to comply with approving authority's requirements or local ordinances.

Property Name: _____

Property Address: _____ **Date:** _____

Plans

Accepted by Approving Authorities (Names): _____

Address: _____

Installation conforms to accepted plans: ☐ Yes ☐ No

Equipment use is approved: ☐ Yes ☐ No

If no, explain deviations: _____

Instructions

Has person in charge of fire equipment been instructed as to location of control valves and care and maintenance?: ☐ Yes ☐ No

If no, explain: _____

Have copies of the following been left on the premises?:

1. System components instructions ☐ Yes ☐ No
2. Care and maintenance instructions ☐ Yes ☐ No
3. NFPA 25 ☐ Yes ☐ No

Location of System

Supplies Buildings:

Sprinklers

Make	Model	Year of Manufacture	Office Size	Quantity	Temperature Rating

Pipe and Fittings

Type of Pipe: _____

Type of Fittings: _____

Alarm Valve or Flow Indicator

Alarm Device			Maximum Time to Operate Through Test Connection	
Type	Make	Model	Min	Sec

Dry Pipe Operating Test

Dray Valve			Q.O.D.		
Make	Model	Serial #	Make	Model	Serial #

	Time to Trip Through Test Connection		Water Pressure	Air Pressure	Trip Point Air Press.	Time Water Reach Test Outlet		Alarm Operated Properly?	
	Min	Sec	PSI	PSI	PSI	Min	Sec	Yes	No
Without Q.O.D.									
With Q.O.D.									

Deluge and Preaction Valves

Operation: ☐ Pneumatic ☐ Electric ☐ Hydraulic

Piping Supervised? ☐ Yes ☐ No Detecting Media Supervised? ☐ Yes ☐ No

Does valve operate from the manual trip, remote, or both control stations? ☐ Yes ☐ No

Is there an accessible facility in each circuit for testing? ☐ Yes ☐ No

If no, explain:

Make	Model	Each Circuit Operate Supv. Loss Alarm?		Each Circuit Operate Valve Release?		Maximum Time to Operate Release	
		Yes	No	Yes	No	Min	Sec
		☐	☐	☐	☐		

Pressure Reducing Valve Test	Location & Floor	Make & Model	Setting	Static Pressure		Residual Pressure (Flowing)		Flow Rate
				Left (psi)	Outlet (psi)	Inlet (psi)	Outlet (psi)	Flow (gpm)

Test Description

Hydrostatic: Hydrostatic tests shall be made at not less than 200 psi (13.6 bars) for 2 hours or 50 psi (3.4 bars) above static pressure in excess of 150 psi (10.2 bars) for 2 hours. Differential dry-pipe valve clappers shall be left open during the test to prevent damage. All aboveground leakage shall be stopped.

Pneumatic: Establish 40 psi (2.7 bars) air pressure and measure drop, which shall not exceed 1 ½ psi (0.1 bars) in 24 hours. Test pressure tanks at normal water level and air pressure and measure air pressure drop, which shall not exceed 1 ½ psi (0.1 bars) in 24 hours.

Tests

All piping hydrostatically tested at _____psi _____ bars for _____hrs If no, state reason:

Dry piping pneumatically tested ☐ Yes ☐ No

Equipment operates properly ☐ Yes ☐ No

Do you certify as the sprinkler contractor that additives and corrosive chemicals, sodium silicate or derivatives of sodium silicate, brine, or other corrosive chemicals were not used for testing systems or stopping leaks? ☐ Yes ☐ No

Drain Test	Reading of gauge located near water supply test connection: ____psi (___bars)	Residual pressure with valve test in connection open wide: ____psi (___bars)

Underground mains and lead in connections to system risers flushed before connection made to sprinkler piping:

Verified by copy of the U-Form No. 85B ☐ Yes ☐ No

Flushed by installer of underground sprinkler piping ☐ Yes ☐ No

Other (explain):

If powder-driven fasteners are used in concrete, has representative sample testing been satisfactorily completed? ☐ Yes ☐ No

If no, explain:

Blank Testing Gaskets	Number Used	Locations	Number Removed

Welding

Welded Piping? ☐ Yes ☐ No

If yes:

Do you certify as the sprinkler contractor that welding procedures comply with the requirements of at least AWS D10.9, Level AR-3? ☐ Yes ☐ No

Do you certify that the welding was performed by welders qualified in compliance with the requirements of at least AWS D10.9, Level AR-3? ☐ Yes ☐ No

Do you certify that welding was carried out in compliance with a documented quality control procedure to ensure that all discs are retrieved, that openings in piping are smooth, that slag and other welding residue is removed, and that the internal diameters of piping are not penetrated? ☐ Yes ☐ No

Cutouts (Discs)

Do you certify that you have a control feature to ensure that all cutouts (discs) are retrieved? ☐ Yes ☐ No

Hydraulic Data Nameplate

Nameplate provided? ☐ Yes ☐ No

If no, explain:

Remarks

Date left in service with all control valves open:

Test Witnessed By

Name of Sprinkler Contractor:

For Property Owner (signed) TITLE DATE

For Sprinkler Contractor (signed) TITLE DATE

Additional Explanation and Notes: