

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 contractors. 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 **10 FREE STREET -- OFFICE BUILD OUT** DATE **1/4/16**

PROPERTY ADDRESS **10 FREE STREET, PORTLAND**

ACCEPTED BY **State Fire Marshal's Office**

PLANS ADDRESS **#164 State House Station Augusta, Maine 04333-0164**

Installation conforms to accepted plans Yes No
 Equipment used is approved If no, explain deviations. Yes No

INSTRUCTIONS Has person in charge of fire equipment been instructed as to location of control valves and care and maintenance of this new equipment? Yes No
 If no, explain? **No New equipment**

Has 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 (Owners Manual) Yes No
Existing Riser

LOCATION OF SYSTEM Supplies buildings **WET SYSTEM -- MAIN LEVEL OFFICE REWORK**

SPRINKLERS	MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING
	GLOBE	GL5601	2015	1/2"	29	155°
GLOBE	GL5615	2015	1/2"	15	155°	
GLOBE	GL5615	2015	1/2"	38	200°	

PIPING & FITTINGS Type of pipe **SCHEDULE 10 / 40 STEEL**
 Type of fittings **CAST / MALLEABLE IRON**

ALARM VALVE OR FLOW INDICT. Alarm Device **VANE** Type **System Sensor** Model **WFPS** Maximum time to operate through test connection. Minutes **25** Seconds

DRY PIPE OPERATION TEST

Dry valve			Q.O.D.				
Make	Model	Serial no.	Make	Model	Serial no.		
Time to trip through test connection ¹	Water pressure	Air pressure	Trip point air pressure	Time water reached test outlet ¹		Alarm operated properly	
				Minutes	Seconds	Yes	No
Without Q.O.D.							
With Q.O.D.							

If no, explain

DELUGE & PREACTION VALVES Operation Pneumatic Electric Hydraulic

Piping 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	Does each circuit operate supervision loss alarm?		Does each circuit operate valve release?		Maximum time of operate release	
		Yes	No	Yes	No	Minutes	Seconds

PRESSURE REDUCING VALVES

Location and floor	Make & Model	Setting	Static Pressure		Residual Pressure (flowing)		Flow rate
			Inlet (psi)	outlet (psi)	Inlet (psi)	outlet (psi)	Flow (gpm)

¹ Measured from time inspector's test connection is opened.

TEST DESCRIPTION
 Hydrostatic: Hydrostatic tests shall be made at not less than 200 psi (13.6 bar) for 2 hours or 50 psi (3.4 bar) above static pressure in excess of 150 psi (10.2 bar) for 2 hours. Differential dry-pipe valve clappers shall be left open during the test to prevent damage. All aboveground piping leakage shall be stopped.
 Pneumatic: Establish 40 psi (2.7 bar) air pressure and measure drop, which shall not exceed 1 1/2 psi (0.1 bar) in 24 hours. Test pressure tanks at normal water level and air pressure and measure air pressure drop, which shall not exceed 1 1/2 psi (0.1 bar) in 24 hours.

TEST
 All piping hydrostatically tested at _____psi (____bar) for _____hours
 Dry piping pneumatically tested Yes No
 Equipment operates properly Yes No
 If no, state reason
Existing System/Reworked.

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 of stopping leaks? Yes No

TEST	Drain test	Reading of gauge located near water supply test connection: <u>95</u> psi (____bar).	Residual pressure with valve in test connection open wide: <u>90</u> psi (____bar).
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Underground mains and lead in connections to system riser flushed before connection made to sprinkler piping?

Verified by copy of the U Form No. 85B flushed by installer of underground sprinkler piping? Yes No
 Yes No
 Other Explain
Existing System

If power-driven fasteners are used in concrete, has representative sample testing be satisfactorily completed? Yes No
 If no, explain
None used

BLANK TESTING GASKETS	Number used <u>0</u>	Locations <u>_____</u>	Number removed <u>0</u>
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Welding piping Yes No

If Yes...

Do you certify as the sprinkler contractor that welding procedures comply with the requirements of at least AWS B2.1? Yes No

Do you certify that the welding was performed by welders qualified in compliance with the requirements of at least AWS B2.1? Yes No

Do you certify that the 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 are removed, and that the internal diameters of piping are not penetrated? Yes No

CUTOUPS (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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If no, explain <u>Renovation of Existing System</u>
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REMARKS Date left in service with all control valves open 1/6/16

SIGNATURES Name of sprinkler contractor High Tech Fire Protection

Test witnessed by

For property owner (signed)	Title	Date
For sprinkler contractor (signed) <i>[Signature]</i>	Title <u>Inspector 310</u>	Date <u>1/19/16</u>

Additional Explanations and notes