

Sprinkler Systems, Inc.

Contractor's Material & Test Certificate for Aboveground Pipe

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 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 City Of Portland Fleet Services Addition/Renovations Job# 18094	Date July 10, 2019
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Property Address
250 Canco Rd Portland Maine

Plans	Accepted by approving authorities (Names) Maine State Fire Marshals Office Address 52 State House Station Augusta, Maine 04333-0052 Installation conforms to accepted plans Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Equipment used is approved, if no, explain deviations Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
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Instructions	Has person in charge of fire equipment been instructed as to location of control valve and care and maintenance of this new equipment? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If no, explain:
	Have copies of the following been left on the premises? 1. System components instructions Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 2. Care and maintenance instructions Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 3. NFPA 25 Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

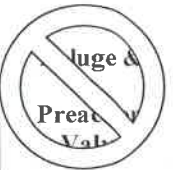


Location of System
Supplies Buildings: REPAIR GARAGE/STORAGE AREA

Sprinklers	Make	Model	Year of Mfg.	Orifice Size	Quantity	Temp Rating
		Reliable	F1FR56	2019	5.6	144
	Reliable	F1FR56	2019	5.6	32	155°F
	Reliable	F1FR-HSW	2019	5.6	22	200°F
	Reliable	KFR-CCS	2019	5.6	2	212°F

Pipe and Fittings	Type of pipe As Per N.F.P.A.-13	Type of fittings As Per N.F.P.A.-13
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Alarm Valve or Flow Indicator	Alarm Device			Maximum time to operate through test connection	
	Type	Make	Model	Min	Sec
	Flow	Potter	Existing		

	Dry Valve			QOD			
	Make	Model	Serial #	Make	Model	Serial #	
		Time to trip through test connection	Water Pressure	Air Pressure	Trip Point Air Pressure	Time Water Reached Test Outlet	Alarm Operated Properly
	With QOD	MIN SEC	PSI	PSI	PSI	MIN SEC	YES NO
	W/O QOD	MIN SEC	PSI	PSI	PSI	MIN SEC	YES NO
If no, explain:							

	Operation: <i>Circle One:</i> 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? If no, explain.						Yes	No
	Make	Model	Does each circuit operate supervision loss alarm?		Does each circuit operate valve release?		Maximum time to operate release	
			Yes	No	Yes	No	Min ___ Sec ___	
	Location & Floor	Make & Model	Setting	Static Pressure Inlet (psi) Outlet (psi)		Residual Pressure Inlet (psi) Outlet (psi)		Flow Rate Flow (gpm)
Test Description	<p>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 piping leakage shall be stopped.</p> <p>PNEUMATIC: Establish 40 psi (2.7 bars) air pressure and drop, which will not exceed 1 1/2 psi (.01 bars) 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 (.01 bars) in 24 hours.</p>							
Tests	All piping hydrostatically tested at <u>200</u> psi (___ bars) for <u>2</u> hours						If no, state reason:	
	Dry piping pneumatically tested (<i>check one</i>) NA <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>							
	Equipment operates properly (<i>check one</i>) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
	Do you certify as the sprinkler contractor that additives and corrosive chemicals, sodium silicate or derivatives or sodium silicate, brine, or other corrosive chemicals were not used for testing systems or stopping leaks?						<i>Check one:</i> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
	Drain Test: Reading of gauge located near water supply test connection: <u>75</u> psi (___ bars)						Residual pressure with valve in test connection open wide: <u>68</u> psi (___ bars)	
Hydraulic Data Nameplate <input type="checkbox"/>	Nameplate provided: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		If no, explain:					
Remarks	Date left in service with all control valves open:							
Signatures	Sprinkler Contractor: Sprinkler Systems, Inc. P.O. Box 1285 Lewiston, Maine 04243-1285 Phone: 207-782-0104 Fax: 207-783-4865							
	Property Owner Signature				Title		Date	
	Sprinkler Contractor Signature 				Title Site Super Sprinkler Foreman		Date 7/23/19	

Additional Explanations and Notes:
