

# 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, of failure to comply with approving authority's requirements or local ordinances.

## PROPERTY NAME

Skylark Commons Lot 16

## DATE

August 27, 2015

## PROPERTY ADDRESS

94 Skylark Road, Portland Maine

## PLANS

ACCEPTED BY APPROVING AUTHORITIES (NAMES)

State of Maine Fire Marshal's Office

ADDRESS

Augusta, Maine

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? IF NO, EXPLAIN

☒ YES

☐ NO

HAVE COPIES OF THE FOLLOWING BEEN LEFT ON THE PREMISES:

☒ YES

☐ NO

1. SYSTEM COMPONENTS INSTRUCTIONS
2. CARE AND MAINTENANCE INSTRUCTIONS
3. NFPA 25

☒ YES

☐ NO

☒ YES

☐ NO

☐ YES

☒ NO

## LOCATION OF SYSTEM

SUPPLIES BUILDINGS

Basement, 1st Floor, 2nd Floor

## SPRINKLERS

MAKE

MODEL

YEAR OF  
MANUFACTURE

ORIFICE  
SIZE

QUANTITY

TEMPERATURE  
RATING

Tyco

Pendant

2015

1/2"

12

155

Tyco

HSW

2015

1/2"

13

155

## ALARM VALVE OR FLOW INDICATOR

ALARM DEVICE

MAXIMUM TIME TO OPERATE  
THROUGH TEST CONNECTION

TYPE

MAKE

MODEL

MIN.

SEC

Flow Indicator

Potter

VSR

17

## DRY PIPE OPERATING TEST

DRY VALVE

Q.O.D.

MAKE

MODEL

SERIAL NO.

MAKE

MODEL

SERIAL NO.

TIME TO TRIP  
THROUGH TEST  
CONNECTION\*

WATER  
PRESSURE

AIR  
PRESSURE

TRIP POINT  
AIR PRESSURE

TIME WATER REACHED TEST  
OUTLET\*

ALARM OPERATED  
PROPERLY

MIN.

SEC.

PSI

PSI

PSI

MIN.

SEC.

YES

NO

Without  
Q.O.D.

☐

☐

☐

☐

☐

☐

☐

☐

☐

With  
Q.O.D.

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☐

☐

IF NO, EXPLAIN

## DELUGE & PREACTION ACTION

OPERATION

☐ PNEUMATIC

☐ ELECTRIC

☐ HYDRAULIC

PIPING SUPERVISED

☐ YES

☐ NO

DETECTING MEDIA SUPERVISED

☐ YES

☐ NO

DOES VALVE OPERATE FROM THE MANUAL AND/OR REMOTE 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 TO OPERATE  
RELEASE

YES

NO

YES

NO

YES

NO

☐

☐

☐

☐

☐

☐

\*MEASURED FROM TIME INPSECTOR'S TEST CONNECTIONS IS OPENED.

PRESSURE REDUCING VALVE TEST	LOCATION & FLOOR	MAKE & MODEL	SETTING	STATIC PRESSURE		RESIDUAL PRESSURE (FLOWING)		FLOW RATE
				INLET (PSI)	OUTLET (PSI)	INLET (PSI)	OUTLET (PSI)	FLOW (GPM)
TEST DESCRIPTION	<p><u>HYDROSTATIC</u>: Hydrostatic tests shall be made at not less than 200 psi (13.6 bars) for two hours or 50 psi (3.4 bars) above static pressure in excess of 150 psi (10.2 bars) for two hours. Differential dry-pipe valve clappers shall be left open during test to prevent damage. All aboveground piping leakage shall be stopped.</p> <p><u>PNEUMATIC</u>: Establish 40 psi (2.7 bars) air pressure and measure drop, which shall not exceed 1 ½ (0.1 bars) in 24 hours. Test pressure tanks at normal water level and air pressure measure and air pressure drop, which shall not exceed 1 ½ (0.1 bars) in 24 hours.</p>							
TESTS	ALL PIPING HYDROSTATICALLY TESTED AT <u>200</u> PSI FOR <u>2</u> HRS. DRY PIPING PNEUMATICALLY TESTED <input type="checkbox"/> YES <input type="checkbox"/> NO EQUIPMENT OPERATES PROPERLY <input type="checkbox"/> YES <input type="checkbox"/> NO					IF NO, STATE REASON n/a		
	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? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO							
	<b>DRAIN TEST</b>	READING OF GAUGE LOCATED NEAR WATER SUPPLY TEST CONNECTION: <u>70</u> PSI				RESIDUAL PRESSURE WITH VALVE IN TEST CONNECTION OPEN WIDE <u>40</u> PSI		
	UNDERGROUND MAINS AND LEAD IN CONNECTIONS TO SYSTEM RISERS FLUSHED BEFORE CONNECTION MADE TO SPRINKLER PIPING <input type="checkbox"/> YES <input type="checkbox"/> NO VERIFIED BY COPY OF THE U FORM NO. 85B FLUSHED BY INSTALLER OF UNDERGROUND SPRINKLER PIPING <input type="checkbox"/> YES <input type="checkbox"/> NO					OTHER Installed by Others		EXPLAIN
	IF POWDER DRIVEN FASTENERS ARE USED IN CONCRETE, HAS REPRESENTATIVE SAMPLE TESTING BEEN SATISFACTORILY COMPLETED? <input type="checkbox"/> YES <input type="checkbox"/> NO					IF NO, EXPLAIN		
BLANK TESTING GASKETS	NUMBER USED n/a	LOCATIONS						NUMBER REMOVED
WELDING	WELDED PIPING <input type="checkbox"/> YES <input checked="" type="checkbox"/> 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? <input type="checkbox"/> YES <input type="checkbox"/> 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? <input type="checkbox"/> YES <input type="checkbox"/> NO							
	DO YOU CERTIFY THAT WELDING WAS CARRIED OUT IN COMPLIANCE WITH A DOCUMENTED QUALITY CONTROL PROCEDURE TO INSURE 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? <input type="checkbox"/> YES <input type="checkbox"/> NO							
CUTOUTS (DISCS)	DO YOU CERTIFY THAT YOU HAVE A CONTROL FEATURE TO ENSURE THAT ALL (DISCS) ARE RETRIEVED?					CUTOUTS		YES <input type="checkbox"/> NO <input type="checkbox"/>
HYDRAULIC DATA NAMEPLATE	NAMEPLATE PROVIDED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			IF NO, EXPLAIN				
REMARKS	DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN: <u>August 27, 2015</u>							
	NAME OF SPRINKLER CONTRACTOR <u>Freedom Fire Protection, Inc.</u>							
	TESTS WITNESSED BY							
	FOR PROPERTY OWNER (SIGNED) <u>Per: Frank Didonato</u>					TITLE <u>Owner</u>		DATE <u>8-27-15</u>
	FOR SPRINKLER CONTRACTOR (SIGNED)					TITLE <u>Inspection Dept.</u>		DATE <u>8-27-15</u>
ADDITIONAL EXPLANATION AND NOTES								