

Contractor's Material and Test Certificate for **A**boveground 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

Group Home 244 Ray Street

DATE

September 8, 2015

PROPERTY ADDRESS

244 Ray Street, 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 YES NO
2. CARE AND MAINTENANCE INSTRUCTIONS YES NO
3. NFPA 25 YES NO

LOCATION OF SYSTEM

SUPPLIES BUILDINGS
Ground Floor, 1st Floor

SPRINKLERS

TYPE OF PIPE
Black Steel SCH. 40

TYPE OF FITTINGS
Black Steel

ALARM VALVE OR FLOW INDICATOR

DRY PIPE OPERATING TEST

IF NO, EXPLAIN

DELUGE & PREACTION ACTION

*MEASURED FROM TIME INSPECTOR'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>HYDROSTATIC: 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>PNEUMATIC: Establish 40 psi (2.7 bars) air pressure and measure drop, which shall not exceed 1 1/2 (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 1/2 (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 type="checkbox"/> YES <input type="checkbox"/> NO								
	DRAIN TEST	READING OF GAUGE LOCATED NEAR WATER SUPPLY TEST CONNECTION: <u>73</u> PSI				RESIDUAL PRESSURE WITH VALVE IN TEST CONNECTION OPEN WIDE <u>32</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								
CUTOUTS (DISCS)	DO YOU CERTIFY THAT YOU HAVE A CONTROL FEATURE TO ENSURE THAT ALL (DISCS) ARE RETRIEVED?					CUTOUTS		<input type="checkbox"/>	
						YES <input type="checkbox"/> NO			
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>September 3, 2015</u>								
	NAME OF SPRINKLER CONTRACTOR <u>Freedom Fire Protection, Inc.</u>								
	TESTS WITNESSED BY								
	FOR PROPERTY OWNER (SIGNED)				TITLE		DATE		
	<u>Per: Tim Beckim</u>				<u>Facilities Manager</u>		<u>9/8/15</u>		
FOR SPRINKLER CONTRACTOR (SIGNED)				TITLE		DATE			
				<u>Inspection Dept.</u>		<u>9/8/15</u>			
ADDITIONAL EXPLANATION AND NOTES									