

CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR ABOVEGROUND PIPING

4/12  
Scan  
Date

596745968

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: 66 MELLEBYND C-2-C VIGNAY SPACU DATE: \_\_\_\_\_  
 PROPERTY ADDRESS: 66 MELLEBYND ST. BONTAVO, MAENUS

ACCEPTED BY APPROVING AUTHORITY(S) NAMES: STAFF PENS MARHAL  
 ADDRESS: 45 COMNUER DNEUR SUTER #1 AUBUSTO, MR.

PLANS: 45 COMNUER DNEUR SUTER #1 AUBUSTO, MR.  
 INSTALLATION CONFORMS TO ACCEPTED PLANS  YES  NO  
 EQUIPMENT USED IS APPROVED  YES  NO  
 IF NO, EXPLAIN DEVIATIONS

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

INSTRUCTIONS: HAVE COPIES OF APPROPRIATE INSTRUCTIONS AND CARE AND MAINTENANCE CHARTS  YES  NO  
 AND NEPA 13A BEEN LEFT ON PREMISES IF NO, EXPLAIN

LOCATION OF SYSTEM: SUPPLIES BLDGS. C-2-C VIGNAY SPACU

SPRINKLERS	MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING
REGULAR	ELITE	800	2018	1/2	33	200°
REGULAR	ELITE	800	2018	3/4	28	200°
REGULAR	ELITE	800	2018	3/4	4	200°
REGULAR	ELITE	800	2019	1/2	2	200°
REGULAR	ELITE	800	2019	3/4	3	200°

PIPE CONFORMS TO NEPA 13 STANDARD  
 FITTINGS CONFORM TO NEPA 13 STANDARD  
 YES  NO  
 YES  NO

ALARM VALVE OR FLOW INDICATOR	ALARM DEVICE		MAXIMUM TIME TO OPERATE THROUGH TEST PIPE	
	TYPE	MAKE	MODEL	MIN. SEC.
ELCUSTECH	VECTRA	747		21

DRY PIPE OPERATING TEST	DRY VALVE		O.O.D.		ALARM OPERATED PROPERLY
	MAKE	MODEL	MAKE	MODEL	
Without O.O.D.					
With O.O.D.					

IF NO, EXPLAIN

OPERATION  PNEUMATIC  ELECTRIC  HYDRAULIC

PIPING SUPERVISED  YES  NO  DETECTING MEDIA SUPERVISED  YES  NO

DOES VALVE OPERATE FROM THE MANUAL TRIP AND/OR REMOTE CONTROL STATIONS  YES  NO

IS THERE AN ACCESSIBLE FACILITY IN EACH CIRCUIT FOR TESTING  YES  NO IF NO, EXPLAIN

DOES EACH CIRCUIT OPERATE WITH LOSS ALARM  YES  NO

DOES EACH CIRCUIT OPERATE VALVE RELEASE  YES  NO

MAXIMUM TIME TO OPERATE VALVE RELEASE  
MIN. SEC.

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.

FLUSHING: Flow the required rate until water is clear as indicated by no collection of foreign material in burlap bags at outlets such as hydrants and blow-offs. Flush at flows not less than 400 GPM (1514 L/min) for 4-inch pipe, 600 GPM (2271 L/min) for 5-inch pipe, 750 GPM (2839 L/min) for 6-inch pipe, 1000 GPM (3785 L/min) for 8-inch pipe, 1500 GPM (5678 L/min) for 10-inch pipe and 2000 GPM (7570 L/min) for 12-inch pipe. When supply cannot produce stipulated flow rates, obtain maximum available.

PNEUMATIC: Establish 40 psi (2.7 bars) air pressure and measure air pressure drop which shall not exceed 1 1/2 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 1/2 psi (0.1 bars) in 24 hours.

ALL PIPING HYDROSTATICALLY TESTED AT 200 PSI FOR 2 HRS. IF NO, STATE REASON

DRY PIPING PNEUMATICALLY TESTED  YES  NO

EQUIPMENT OPERATES PROPERLY  YES  NO

DRAIN TEST: READING OF GAGE LOCATED NEAR WATER SUPPLY TEST PIPE: 80 PSI

RESIDUAL PRESSURE WITH VALVE IN TEST PIPE OPEN WIDE TEST: 75 PSI

TESTS: Underground mains and lead in connections to system risers flushed before connection made to sprinkler piping. VERIFIED BY COPY OF THE U FORM NO. 858  YES  NO OTHER EXPLAIN Underground installed, tested & flushed by others

FLUSHED BY INSTALLER OF UNDER.  YES  NO

GROUND SPRINKLER PIPING  YES  NO

BLANK TESTING GASKETS: NUMBER USED 0 LOCATIONS 0 NUMBER REMOVED

WELDED PIPING  YES  NO IF YES...

WELDING: DO YOU CERTIFY AS THE SPRINKLER CONTRACTOR THAT WELDING PROCEDURES COMPLY WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL A-R.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 A-R.3  YES  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  YES  NO

HYDRAULIC DATA NAMEPLATE: NAMEPLATE PROVIDED  YES  NO IF NO, EXPLAIN

DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN: 7/26/19

REMARKS: NAME OF SPRINKLER CONTRACTOR BRASTON PERM

TESTS WITNESSED BY: Robert A. Taylor

TITLE: Super-Inspector

DATE: 4/23/19

SIGNATURES: FOR PROPERTY OWNER (SIGNED) Robert A. Taylor TITLE: Super-Inspector DATE: 4/23/19

FOR SPRINKLER CONTRACTOR (SIGNED) Robert A. Taylor TITLE: Super-Inspector DATE: 4/23/19

ADDITIONAL EXPLANATION AND NOTES: Main Riser @ 66 Mill. Ave St. S=85, R=75, 18 Sec

SPRINKLERS

MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING

Home Office  
170 Kiepert Ave  
P O Box 1390  
Auburn, ME 04210-1390  
207-784-1507

# EASTERN FIRE

FIRE PROTECTION CONTRACTORS AND ENGINEERS

[www.easternfiregroup.com](http://www.easternfiregroup.com)

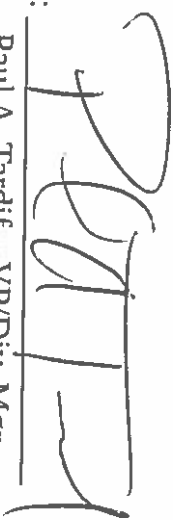
Satellite Office  
408 Harlow St  
Bangor, ME 04401  
207-942-8014

## SPRINKLER SYSTEM WARRANTY

This letter certifies that the Fire Sprinkler System installation at 66 Milliken St. in Portland, Maine is in accordance with NFPA 13 and local codes.

Eastern Fire warranties that the fire sprinkler modifications are free from defects in materials and workmanship for a period of one year beginning on July 26, 2019.

Signed:



Paul A. Tardif – VP/Div. Mgr.

Date:

25JUL19