

CONTRACTOR'S MATERIAL & 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, or failure to comply with approving authority's requirements or local ordinances.

PROPERTY NAME: 582 Congress ST DATE: 12/12/19
9/12/19

PROPERTY ADDRESS: 582 Congress ST Portland Maine

PLANS
 ACCEPTED BY APPROVING AUTHORITY(S) NAMES: State Fire Marshal's office
 ADDRESS: 45 Commerce Dr Suite 1 Augusta Me
 INSTALLATION CONFORMS TO ACCEPTED PLANS YES NO
 EQUIPMENT USED IS APPROVED YES NO
 IF NO, EXPLAIN DEVIATIONS

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

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

LOCATION OF SYSTEM: Residential System 4th + 5th
 SUPPLIES BLDGS.

SPRINKLERS	MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING
	<u>Viking</u>	<u>VK486</u>	<u>2017</u>	<u>1/16</u>	<u>14</u>	<u>175</u>
<u>Viking</u>	<u>VK430</u>	<u>2017</u>	<u>1/2</u>	<u>14</u>	<u>200</u>	

PIPE AND FITTINGS
 PIPE CONFORMS TO NFPA 13 STANDARD YES NO
 FITTINGS CONFORM TO NFPA 13 STANDARD YES NO
 IF NO, EXPLAIN

ALARM VALVE OR FLOW INDICATOR	ALARM DEVICE			MAXIMUM TIME TO OPERATE THROUGH TEST PIPE	
	TYPE	MAKE	MODEL	MIN.	SEC.
<u>VANE</u>	<u>POTTER</u>	<u>USA</u>	<u>-</u>	<u>38</u>	

DRY PIPE OPERATING TEST	DRY VALVE			Q.O.D.			ALARM OPERATED PROPERLY	
	MAKE	MODEL	SERIAL NO.	MAKE	MODEL	SERIAL NO.	YES	NO

	TIME TO TRIP THRU TEST PIPE		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.									

IF NO, EXPLAIN

ADDITIONAL EXPLANATION AND NOTES

NAME OF SPRINKLER CONTRACTOR: *Fire Protection*

FOR PROPERTY OWNER (SIGNED): *[Signature]*

FOR SPRINKLER CONTRACTOR (SIGNED): *[Signature]*

TITLE: *Manager*

DATE: *12/1/19*

SIGNATURES

REMARKS

DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN:

HYDRAULIC DATA NAMEPLATE

NAMEPLATE PROVIDED YES NO

IF NO, EXPLAIN

WELDING

DO YOU CERTIFY AS THE SPRINKLER CONTRACTOR THAT WELDING PROCEDURES COMPLY WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-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 AR-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

BLANK TESTING GASKETS

WELDED PIPING YES NO

IF YES, ...

TESTS

Underground mains and lead in connections to system risers flushed before connection made to sprinkler piping. EXPLAIN: *Underground (By others)*

VERIFIED BY COPY OF THE U FORM NO. 85B YES NO

FLUSHED BY INSTALLER OF UNDERGROUND SPRINKLER PIPING YES NO

NUMBER USED YES NO

LOCATIONS YES NO

NUMBER REMOVED

TEST DESCRIPTION

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 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

READING OF GAGE LOCATED NEAR WATER SUPPLY TEST PIPE: PSI

RESIDUAL PRESSURE WITH VALVE IN TEST PIPE OPEN WIDE: PSI

DELUGE & PREACTION VALVES

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

DOES EACH CIRCUIT OPERATE SUPERVISION LOSS ALARM YES NO

DOES EACH CIRCUIT OPERATE OPERATE VALVE RELEASE YES NO

MAXIMUM TIME TO OPERATE RELEASE YES NO

MIN. SEC. YES NO

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

IF NO, EXPLAIN

CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR ABOVEGROUND PIPING

PROCEDURE

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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 <u>584 Congress ST</u>	DATE <u>12/21/2019</u>
PROPERTY ADDRESS <u>584 Congress ST</u>	

PLANS	ACCEPTED BY APPROVING AUTHORITY(S) NAMES <u>State Fire Marshal's Office</u>
	ADDRESS <u>45 Commerce Dr Suite 1 Augusta, Me</u>
	INSTALLATION CONFORMS TO ACCEPTED PLANS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	EQUIPMENT USED IS APPROVED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF NO, EXPLAIN DEVIATIONS

INSTRUCTIONS	HAS PERSON IN CHARGE OF FIRE EQUIPMENT BEEN INSTRUCTED AS TO LOCATION OF CONTROL VALVES AND CARE AND MAINTENANCE OF THIS NEW EQUIPMENT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF NO, EXPLAIN
	HAVE COPIES OF APPROPRIATE INSTRUCTIONS AND CARE AND MAINTENANCE CHARTS AND NFPA 13A BEEN LEFT ON PREMISES <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF NO, EXPLAIN

LOCATION OF SYSTEM	SUPPLIES BLDGS. <u>Residential 3rd Floor</u>
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	MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING
SPRINKLERS	<u>Wiring</u>	<u>VK 486</u>	<u>2017</u>	<u>7/16</u>	<u>10</u>	<u>175</u>
	<u>Wiring</u>	<u>VK 430</u>	<u>2017</u>	<u>7/16</u>	<u>1</u>	<u>175</u>

PIPE AND FITTINGS	PIPE CONFORMS TO <u>NFPA-13</u> STANDARD <input type="checkbox"/> YES <input type="checkbox"/> NO
	FITTINGS CONFORM TO <u>NFPA-13</u> STANDARD <input type="checkbox"/> YES <input type="checkbox"/> NO IF NO, EXPLAIN

ALARM VALVE OR FLOW INDICATOR	ALARM DEVICE			MAXIMUM TIME TO OPERATE THROUGH TEST PIPE	
	TYPE	MAKE	MODEL	MIN.	SEC.
	<u>VANE</u>	<u>Potter</u>	<u>US12</u>	-	<u>24</u>

	DRY VALVE				Q.O.D.				
	MAKE	MODEL	SERIAL NO.	MAKE	MODEL	SERIAL NO.			
DRY PIPE OPERATING TEST	Without Q.O.D.	TIME TO TRIP THRU TEST PIPE	WATER PRESSURE	AIR PRESSURE	TRIP POINT AIR PRESSURE	TIME WATER REACHED TEST OUTLET		ALARM OPERATED PROPERLY	
		MIN.	SEC.	PSI	PSI	PSI	MIN.	SEC.	YES
	With Q.O.D.								
IF NO, EXPLAIN									

ADDITIONAL EXPLANATION AND NOTES

DATE 25 Apr 2018	TITLE MANNING	FOR PROPERTY OWNER (SIGNED) <i>John G. Manning</i>
DATE 4/12/19	TITLE MANNING	FOR SPRINKLER CONTRACTOR (SIGNED) <i>Joe Brown</i>

NAME OF SPRINKLER CONTRACTOR: **Accendo Fire Protection LLC**

TESTS WITNESSED BY: **Accendo Fire Protection LLC**

REMARKS: DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN:

HYDRAULIC DATA NAMEPLATE: YES NO

WELDING: 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? YES NO

DO YOU CERTIFY THAT THE 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

BLANK TESTING: GASKETS: NUMBER USED: 0, NUMBER REMOVED: 0

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. 85B. YES NO

DRAIN TEST: RESIDUAL PRESSURE WITH VALVE IN TEST PIPE OPEN WIDE: _____ PSI

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

TEST DESCRIPTION: 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 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.

DELUGE & PREACTION VALVES: IS THERE AN ACCESSIBLE FACILITY IN EACH CIRCUIT FOR TESTING? YES NO

DOES EACH CIRCUIT OPERATE SUPERVISION LOSS ALARM	DOES EACH CIRCUIT OPERATE	DOES EACH CIRCUIT OPERATE
<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

OPERATION: PNEUMATIC ELECTRIC HYDRAULIC

PIPING SUPERVISED: YES NO

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

MAXIMUM TIME TO OPERATE RELEASE: _____ MIN. _____ SEC.

CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR ABOVEGROUND PIPING

PROCEDURE

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PROPERTY NAME _____ DATE _____
 584 Congress St Portland, Maine 12/12/2019
 PROPERTY ADDRESS _____

PLANS
 ACCEPTED BY APPROVING AUTHORITY(S) NAMES
 State Fire Marshals Office
 ADDRESS
 45 Commerce Dr Suite 1 Augusta, Me
 INSTALLATION CONFORMS TO ACCEPTED PLANS YES NO
 EQUIPMENT USED IS APPROVED YES NO
 IF NO, EXPLAIN DEVIATIONS _____

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 _____

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

LOCATION OF SYSTEM
 SUPPLIES BLDGS.
 Commercial Space Basement, 1st & 2nd Floor

SPRINKLERS	MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING
	William	VK 305	2017	1/2	19	200
	Viking	VK 300	2017	1/2	8	200

PIPE AND FITTINGS
 PIPE CONFORMS TO NFPA-13 STANDARD YES NO
 FITTINGS CONFORM TO NFPA-13 STANDARD YES NO
 IF NO, EXPLAIN _____

ALARM VALVE OR FLOW INDICATOR
 ALARM DEVICE
 TYPE: Vane MAKE: Porter MODEL: USR
 MAXIMUM TIME TO OPERATE THROUGH TEST PIPE
 MIN.: _____ SEC.: 36

DRY PIPE OPERATING TEST	DRY VALVE			Q.O.D.			TIME WATER REACHED TEST OUTLET		ALARM OPERATED PROPERLY	
	MAKE	MODEL	SERIAL NO.	MAKE	MODEL	SERIAL NO.	MIN.	SEC.	YES	NO
	TIME TO TRIP THRU TEST PIPE		WATER PRESSURE	AIR PRESSURE	TRIP POINT AIR PRESSURE					
Without Q.O.D.	MIN.	SEC.	PSI	PSI	PSI		MIN.	SEC.		
With Q.O.D.										

IF NO, EXPLAIN _____

ADDITIONAL EXPLANATION AND NOTES

DATE 12/12/19	TITLE Manager	FOR SPRINKLER CONTRACTOR (SIGNED) <i>[Signature]</i>
DATE	TITLE	FOR PROPERTY OWNER (SIGNED) <i>[Signature]</i>
NAME OF SPRINKLER CONTRACTOR Accendo Fire Protection LLC		
TESTS WITNESSED BY		

REMARKS

DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN:

HYDRAULIC DATA NAMEPLATE

NAMEPLATE PROVIDED YES NO

IF NO, EXPLAIN

WELDING

DO YOU CERTIFY AS THE SPRINKLER CONTRACTOR THAT WELDING PROCEDURES COMPLY WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-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 AR-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

BLANK TESTING GASKETS

WELDED PIPING YES NO

IF YES...

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. 85B YES NO OTHER EXPLAIN

FLUSHED BY INSTALLER OF UNDERGROUND SPRINKLER PIPING YES NO

DRAIN TEST

READING OF GAGE LOCATED NEAR WATER SUPPLY TEST PIPE: _____ PSI

RESIDUAL PRESSURE WITH VALVE IN TEST PIPE OPEN WIDE _____ PSI

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

TEST DESCRIPTION

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 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.

DELUGE & PREACTION VALVES

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

OPERATION

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

MAKE _____ MODEL _____

DOES EACH CIRCUIT OPERATE SUPERVISION LOSS ALARM YES NO

DOES EACH CIRCUIT OPERATE OPERATE VALVE RELEASE YES NO

MAXIMUM TIME TO OPERATE RELEASE _____ MIN. _____ SEC.

CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR ABOVEGROUND PIPING

PROCEDURE

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PROPERTY NAME 582 Congress ST DATE 12/12/19
9/12/18

PROPERTY ADDRESS 582 Congress ST. Portland Maine

PLANS
 ACCEPTED BY APPROVING AUTHORITY(S) NAMES State Fire Marshal's OFFICE
 ADDRESS 45 Commerce Ave suite 1 Augusta Me
 INSTALLATION CONFORMS TO ACCEPTED PLANS YES NO
 EQUIPMENT USED IS APPROVED YES NO
 IF NO, EXPLAIN DEVIATIONS

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

LOCATION OF SYSTEM Commercial SUPPLIES BLDGS. Basement, 1ST, + Second Floors

SPRINKLERS	MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING
<u>Viking</u>	<u>VK305</u>	<u>2018</u>	<u>1/2</u>	<u>27</u>	<u>200</u>	
<u>Viking</u>	<u>VK430</u>	<u>2018</u>	<u>1/2</u>	<u>6</u>	<u>200</u>	
<u>Viking</u>	<u>VK300</u>	<u>2018</u>	<u>1/2</u>	<u>12</u>	<u>200</u>	

PIPE AND FITTINGS
 PIPE CONFORMS TO NFPA 13 STANDARD YES NO
 FITTINGS CONFORM TO NFPA 13 STANDARD YES NO
 IF NO, EXPLAIN

ALARM VALVE OR FLOW INDICATOR	ALARM DEVICE			MAXIMUM TIME TO OPERATE THROUGH TEST PIPE	
	TYPE	MAKE	MODEL	MIN.	SEC.
	<u>VALE</u>	<u>Rottor</u>	<u>VST2</u>	<u>-</u>	<u>36</u>

DRY PIPE OPERATING TEST	DRY VALVE			O.O.D.			ALARM OPERATED PROPERLY		
	MAKE	MODEL	SERIAL NO.	MAKE	MODEL	SERIAL NO.	YES	NO	

IF NO, EXPLAIN

ADDITIONAL EXPLANATION AND NOTES

DATE: 12/12/19		TITLE: Manager		FOR SPRINKLER CONTRACTOR (SIGNED): <i>[Signature]</i>	
DATE:		TITLE:		FOR PROPERTY OWNER (SIGNED):	
NAME OF SPRINKLER CONTRACTOR: Accendo Fire Protection					
TESTS WITNESSED BY:					

REMARKS:	
DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN:	

HYDRAULIC DATA NAMEPLATE	NAMEPLATE PROVIDED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	IF NO, EXPLAIN
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WELDING	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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	DO YOU CERTIFY THAT THE 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO

BLANK TESTING GASKETS	WELDED PIPING <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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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. 85B <input type="checkbox"/> YES <input type="checkbox"/> NO	OTHER EXPLAIN
	FLUSHED BY INSTALLER OF UNDERGROUND SPRINKLER PIPING <input type="checkbox"/> YES <input type="checkbox"/> NO	EXPLAIN
	DRY PIPING PNEUMATICALLY TESTED <input type="checkbox"/> YES <input type="checkbox"/> NO	
	ALL PIPING HYDROSTATICALLY TESTED AT 200 PSI FOR 2 HRS. <input type="checkbox"/> YES <input type="checkbox"/> NO	IF NO, STATE REASON

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>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.</p> <p>PNEUMATIC: Establish 40 psi (2.7 bars) air pressure and measure 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.</p>
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DELUGE & PREACTION VALVES	IS THERE AN ACCESSIBLE FACILITY IN EACH CIRCUIT FOR TESTING? <input type="checkbox"/> YES <input type="checkbox"/> NO	IF NO, EXPLAIN
	DOES VALVE OPERATE FROM THE MANUAL TRIP AND/OR REMOTE CONTROL STATIONS? <input type="checkbox"/> YES <input type="checkbox"/> NO	
	PIPING SUPERVISED <input type="checkbox"/> YES <input type="checkbox"/> NO	DETECTING MEDIA SUPERVISED <input type="checkbox"/> YES <input type="checkbox"/> NO
	OPERATION <input type="checkbox"/> PNEUMATIC <input type="checkbox"/> ELECTRIC <input type="checkbox"/> HYDRAULIC	
	DOES EACH CIRCUIT OPERATE SUPERVISION LOSS ALARM? <input type="checkbox"/> YES <input type="checkbox"/> NO	DOES EACH CIRCUIT OPERATE OPERATE VALVE RELEASE? <input type="checkbox"/> YES <input type="checkbox"/> NO
	MAKE	MODEL
	MAXIMUM TIME TO OPERATE RELEASE SEC.	MIN.