

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 contractors. 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 **20 THAMES STREET** DATE **2/20/19**

PROPERTY ADDRESS **158 FORE STREET PORTLAND, ME**

ACCEPTED BY **State of Maine Fire Marshal's Office**

PLANS ADDRESS **45 Commerce Drive Suite 1 Augusta, ME 04330**

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

Has copies of the following been left on the premises?
 1. System components instructions Yes No
 2. Care and maintenance instructions Yes No
 3. NFPA 25 (Owners Manual) Yes No

LOCATION OF SYSTEM Supplies buildings **GARAGE NFPA 13 DRY**

| SPRINKLERS | MAKE | MODEL | YEAR OF MANUFACTURE | ORIFICE/K-FACTOR | QUANTITY | TEMPERATURE RATING |
|------------|--------------|---------------|---------------------|------------------|----------|--------------------|
| | | GLOBE | GL5615 | 2018 | K 5.6 | 26 |
| | <i>Globe</i> | <i>GL5635</i> | <i>2018</i> | <i>K 5.6</i> | <i>2</i> | <i>200°</i> |
| | | | | | | |
| | | | | | | |

PIPING & FITTINGS Type of pipe **BLACK IRON**
 Type of fittings **BLACK IRON**

ALARM VALVE OR FLOW INDICT. Alarm Device

| Type | Make | Model | Maximum time to operate through test connection. | |
|-----------------|---------------------|-----------------|--|----------|
| | | | Minutes | Seconds |
| <i>Pressure</i> | <i>System Sense</i> | <i>EPS 10-2</i> | | <i>2</i> |

DRY PIPE OPERATION TEST

| Dry valve | | | Q.O.D. | | | | | |
|---|-----------|----------------|--------------|-------------------------|---|-------------------------|----------|----|
| Make | Model | Serial no. | Make | Model | Serial no. | | | |
| <i>Reliable</i> | <i>Ex</i> | <i>052218</i> | | | | | | |
| Time to trip through test connection ¹ | | Water pressure | Air pressure | Trip point air pressure | Time water reached test outlet ¹ | Alarm operated properly | | |
| Minutes | Seconds | Psi | Psi | Psi | Minutes | Seconds | Yes | No |
| Without Q.O.D. | | <i>100</i> | <i>20</i> | <i>8</i> | | <i>11</i> | <i>X</i> | |
| With Q.O.D. | <i>5</i> | | | | | | | |

If no, explain

DELUGE & PREACTION VALVES

Operation 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? Yes No If no, explain.

| Make | Model | Does each circuit operate supervision loss alarm? | | Does each circuit operate valve release? | | Maximum time of operate release | |
|------|-------|---|----|--|----|---------------------------------|---------|
| | | Yes | No | Yes | No | Minutes | Seconds |
| | | | | | | | |

PRESSURE REDUCING VALVES

| Location and floor | Make & Model | Setting | Static Pressure | | Residual Pressure (flowing) | | Flow rate |
|--------------------|--------------|---------|-----------------|--------------|-----------------------------|--------------|------------|
| | | | Inlet (psi) | outlet (psi) | Inlet (psi) | outlet (psi) | Flow (gpm) |
| | | | | | | | |
| | | | | | | | |

¹ Measured from time inspector's test connection is opened.

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 2. Care and maintenance instructions Yes No
 3. NFPA 25 (Owners Manual) Yes No

LOCATION OF SYSTEM Supplies buildings **ENTIRE BUILDING EXCEPT GARAGE NFPA 13 WET**

| | MAKE | MODEL | YEAR OF MANUFACTURE | ORIFICE/K-FACTOR | QUANTITY | TEMPERATURE RATING |
|------------|-------|--------|---------------------|------------------|----------|--------------------|
| SPRINKLERS | GLOBE | GL5610 | 2018 | K 5.6 | 583 | 155° |
| | GLOBE | GL5615 | 2018 | K 5.6 | 50 | 155° |
| | GLOBE | GL5601 | 2018 | K 5.6 | 11 | 155° |
| | GLOBE | GL5626 | 2018 | K5.6 | 4 | 155° |

PIPING & FITTINGS Type of pipe **BLACK IRON / CPVC**
 Type of fittings **BLACK IRON / CPVC**

| ALARM VALVE OR FLOW INDICT. | Alarm Device | | | Maximum time to operate through test connection. | |
|-----------------------------|--------------|---------------|-------------------------|--|-----------|
| | Type | Make | Model | Minutes | Seconds |
| | VANE | FOSTER | ✓ SR-M (class 4) | | 15 |

| DRY PIPE OPERATION TEST | Dry valve | | | Q.O.D. | | |
|-------------------------|-----------|-------|------------|--------|-------|------------|
| | Make | Model | Serial no. | Make | Model | Serial no. |
| | | | | | | |
| | | | | | | |

| | Time to trip through test connection ¹ | | Water pressure | Air pressure | Trip point air pressure | Time water reached test outlet ¹ | | Alarm operated properly | |
|----------------|---|---------|----------------|--------------|-------------------------|---|---------|-------------------------|----|
| | Minutes | Seconds | Psi | Psi | Psi | Minutes | Seconds | Yes | No |
| Without Q.O.D. | | | | | | | | | |
| With Q.O.D. | | | | | | | | | |

If no, explain

DELUGE & PREACTION VALVES Operation 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? Yes No If no, explain.

| Make | Model | Does each circuit operate supervision loss alarm? | | Does each circuit operate valve release? | | Maximum time of operate release | |
|------|-------|---|----|--|----|---------------------------------|---------|
| | | Yes | No | Yes | No | Minutes | Seconds |
| | | | | | | | |

| PRESSURE REDUCING VALVES | Location and floor | Make & Model | Setting | Static Pressure | | Residual Pressure (flowing) | | Flow rate |
|--------------------------|--------------------|--------------|---------|-----------------|--------------|-----------------------------|--------------|------------|
| | | | | Inlet (psi) | outlet (psi) | Inlet (psi) | outlet (psi) | Flow (gpm) |
| | | | | | | | | |

¹ Measured from time inspector's test connection is opened.