



Bluelight Software

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FIRE SERVICE MAIN INSPECTION

Customer Address:

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Customer #: 111

Contract #: 344

Job Status: Archived

Job Name: NFPA25_04 Sample Report

Site Address:

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Contact: Al Riggs

Site #: 4353

Inspection Date: 2/12/2007

HYDRANT FLOW TEST

Floor 04 Hallway

NOZZLE SIZE	PITOT READING	DISCHARGE COEFFICIENT	PREDICTED GPM	MEASURED GPM	STATIC PSI	RESIDUAL PSI
0.5	77	0.7	3000	2800	77	77

HYDRANTS - DRY BARREL AND WALL

Floor 04 Hallway

Is hydrant accessible, free of leaks with an operating wrench available (7.2.2.5 and 7.4.3.2)?	Yes
Are hydrant nozzle threads and operating nut in good condition and easy to turn (7.2.2.4)?	Yes
Is hydrant barrel free of cracks and without ice or water present - Allow 60 minutes after flow test for water to drain from barrel (7.2.2.4 and 7.3.2.4)?	Yes
Have all stems, caps, plugs and threads had their annual lubrication (7.2.2.4)?	Yes
Has hydrant been opened fully and water flowed until all foreign material has cleared (7.3.2.1)?	Yes

HYDRANTS - WET BARREL

Floor 04 Hallway

Is hydrant accessible, free of leaks with an operating wrench available (7.2.2.5 and 7.4.3.2)?	Yes
Are hydrant nozzle threads and operating nut in good condition and easy to turn (7.2.2.5)?	Yes
Is hydrant barrel free of cracks (7.2.2.5)?	Yes
Have all stems, caps, plugs and threads had their annual lubrication (7.2.2.5)?	Yes
Has hydrant been opened fully and water flowed until all foreign material has cleared (7.3.2.1)?	Yes

FIRE DEPARTMENT CONNECTION

Floor 04 Hallway

Is the fire department connection visible and accessible (12.7.1)?	Yes
Are the fire department connection couplings and swivels free from damage and do they rotate smoothly (12.7.1)?	Yes
Are the fire department connection caps and plugs in place and free from damage (12.7.1)?	Yes
Are the fire department connection gaskets in place and free of damage (12.7.1)?	Yes
Are the fire department connection identification signs in place and free of damage (12.7.1)?	Yes
Visually Inspect the fire department connection check valve. Is check valve clapper free from leakage (12.7.1)?	Yes
Visually Inspect. Is the automatic drain valve on fire department connection piping operating properly (12.7.1)?	Yes
Has an internal inspection and maintenance of check valve been completed within the last five years (12.4.2.1)?	Yes

HOSE HOUSE

Floor 04 Hallway

Visually Inspect - Is hose house accessible, free of damage with all designated equipment (7.2.2.7)?	Yes
Has hose house been maintained in a condition to ensure that all fire hose and required components are in usable condition (7.4.5)?	Yes

MONITOR NOZZLES

Floor 04 Hallway

Is monitor nozzle free of any leaking, corrosion or physical damage (7.2.2.6)?

No

Does Monitor Nozzle oscillate and move throughout its full range (7.2.3.2)?

Yes

Has all moving parts of monitor nozzle been lubricated (7.4.4)?

Yes

MAINLINE STRAINERS

Floor 04 Hallway

Inspect - Has the strainer been cleaned and is it free of corrosion or damaged parts (7.2.2.3 and 7.4.2) ?

Yes

PIPING - EXPOSED

Floor 04 Hallway

Is exposed piping free of leaks, physical damage, corrosion, hanging or restraint problems (7.2.2.1.2)?

Yes

Is pipe free of pipe degradation that would effect system performance (7.3.1)? - (Determine by conducting flow test at design flows)

Yes

PIPING - UNDERGROUND

Floor 04 Hallway

Is pipe free of pipe degradation that would affect system performance (7.3.1)? - (Determine by conducting flow test at design flows)

Yes

CHECK VALVE

Floor 04 Hallway

Internally inspect. Does check valve operate properly, move freely and is it in good condition (12.4.2)?

Yes

SUPERVISORY AIR PRESSURE SWITCH

Floor 04 Hallway

Did the switch pass a visual inspection conducted in accordance with manufacturer's requirements?

Yes

Did the switch pass operational tests when pressure is increased or decreased 10 psi from the required pressure setting?

Yes

SUPERVISORY TAMPER SWITCH

Floor 04 Hallway

Did the switch pass a visual inspection conducted in accordance with manufacturer's requirements? (12.3.3.5.1)

Yes

Did the switch pass operational tests conducted in accordance with manufacturer's requirements? (12.3.3.5.1)

Yes

WATER PRESSURE SWITCH

Floor 04 Hallway

Did the switch pass a visual inspection conducted in accordance with manufacturer's requirements? Yes

Did the switch pass operational tests when pressure is increased? Yes

SPRINKLER SYSTEM PRESSURE REGULATING VALVE

Floor 04 Hallway

Is pressure downstream of pressure regulating valve in accordance with sprinkler system design criteria (12.5.1.1)? Yes

Visually inspect. Is pressure regulating valve in good condition, not leaking and with handwheel installed (12.5.1.1)? Yes

Record the pressure (psi) shown on Inlet side pressure gauge. 76

Record the pressure (psi) shown on Outlet side pressure gauge. 76

Was a partial test conducted which was adequate to move the valve clapper from its seat (12.5.1.3)? Yes

Under test condition does pressure regulating valve operate and maintain pressure at design flow (12.5.1.2)? Yes

Under test condition does pressure regulating valve close and maintain appropriate pressure under no flow conditions (12.5.1.2)? Yes

Did everything appear normal during the test (12.5.1.2)? Yes

Were all necessary regulating valve adjustments performed in accordance with manufacturer's recommendations and schedule (12.5.1.2.1)? Yes

BACKFLOW PREVENTION ASSEMBLIES

Floor 04 Hallway

Inspect - Are OS&Y isolation valves open (12.6.1.1)? Yes

Inspect - Is the differential-sensing valve relief port not continuously discharging water (12.6.1.2)? Yes

Did backflow pass forward flow test at the designed flow rate including the hose stream demand where hydrants or hose stations are downstream of backflow device (12.6.2.1 and 12.6.2.2)? Yes

Was backflow performance test, as required by AHJ, satisfactorily conducted at completion of forward flow test (12.6.2.1)? Yes

Have rubber parts been replaced in accordance with the frequency required by the AHJ and the manufacturer's instructions (12.6.3.2)? Yes

ROADWAY/STREET VALVE

Floor 04 Hallway

Is valve open (Not from NFPA-25)? Yes

Has valve been exercised (Not from NFPA-25)? Yes

OMEGA SPRINKLERS

Is this property free of Omega Sprinklers? Yes

INTERNAL PIPE INVESTIGATION

Internal pipe exam – Was system free of evidence of foreign organic and inorganic material that needs to be removed for proper operation of sprinkler system? Internal exam should check each of the following points: 1) system valve; 2) riser; 3) cross main; and 4) branch line. Note: alternate nondestructive examination methods shall be accepted.

Yes

Internally inspect – Is piping in Dry Pipe or Preaction sprinkler system that protects or passes through freezers or cold storage rooms free from ice obstructions at the point where the piping enters the refrigerated area? Note: alternate nondestructive examination methods shall be accepted.

Yes

BUILDING OWNER/REPRESENTATIVE

Is the building currently occupied?

Yes

Has the building occupancy and hazard of contents remained the same since last inspection?

Yes

Are all fire protection systems in service?

Yes

Has the system(s) remained in service without modification since the last inspection

Yes

Was the system free of actuations or alarms since last inspection?

Yes

9/29/2006

Customer: Jim Beam

9/29/2006

Inspection Technician: Sam Adams