REV. 1/08

Report of Inspection, Testing & Maintenance
of Wet Pipe Fire Sprinkler Systems

AFSA American Fire Sprinkler Association

ALL QUESTIONS ARE TO BE ANSWERED AND ALL BLANKS TO BE FILLED
(Weekly inspection tasks are NOT included in this report)

Inspecting Firm: Fire & Safety Systems Co.- Ocean, NJ Inspection Contract# P00087

Name of Inspected Property: ACME PRODUCTS 123 MAIN STREET U.S.A.

Inspector Name: DM Date:

Inspection Frequency: ☐ Monthly ☐ Quarterly ☐ Annually ☐ Other

Monthly Inspection for Wet Pipe Sprinkler System

		Y	N/A	N
A.1.0	System in service on inspection			
A.2.0	Supply pressure gauge			psi
A.2.1	System pressure gauge			psi
A.2.2	Gauges appear to be in good condition			
A.3.0	Control valves in normal open or closed position			
A.3.1	Control valves properly locked or supervised			
A.3.2	Control valves accessible			
A.3.3	Control valves provided with appropriate wrenches			
A.3.4	Control valves free from external leaks			
A.3.5	Control valve identification signs in place			
A.3.6	System control valve sign indicates area served			
A.4.0	Backflow prevention assembly valves are locked or electrically supervised in open position			
A.4.1	Reduced pressure backflow prevention assembly not in continuous discharge			
A.5.0	Alarm valve gauges indicate normal supply water pressure			
A.5.1	Alarm valve free of physical damage			
A.5.2	Alarm valve trim valves are in appropriate open or closed position			
A.5.3	Alarm valve retarding chamber or alarm drain not leaking			
A.6.0.	System riser information sign in place showing area of coverage and location of any auxiliary systems*			
A.7.0	**ALARM PANEL CLEAR**			
A.8.0	**COMMENTS:**			

SAMPLE

This requirement is new and can also be found in the 2007 edition of NFPA 13

INSPECTOR'S INITIAL _____ **(All "NO" answers to be explained.)** **OWNER/DESIGNATED REP. INITIAL** _____ **DATE** _____

FIRE & SAFETY SYSTEMS CO.

1303 Doris Avenue Ocean Township, NJ 07712 Phone: 732-531-2400 Fax: 732-531-0329
www.firesafetysystems.com Permit: #P00087

FIRE PUMP TEST REPORT

CUSTOMER: ACME PRODUCTS BLDG NAME: #1

ADDRESS: 123 MAIN STREET U.S.A.

CONTACT: JOHN SMITH PHONE NUMBER: _____

DATE OF TEST: _____ TIME OF TEST: _____ ANNUAL ☐ MONTHLY ☐ QUARTERLY ☐ WEEKLY ☐

TECHNICIANS: _____ TITLE: _____

SOURCE OF WATER SUPPLY: CITY SUPPLY ☐ WELL ☐ TANK ☐ TANK SIZE & HEIGHT: _____

PUMP DATA

MANUFACTURER: _____ MODEL: _____ SERIAL: _____

VERTICAL ☐ HORIZONTAL ☐ RATED RPM _____ RATED GPM _____ RATED PRESSURE _____

DRIVER DATA

MANUFACTURER: _____ MODEL: _____ SERIAL: _____

ELECTRIC ☐ DIESEL ☐ GAS ☐ STEAM ☐ RATED HP _____ RATED RPM _____ RATED VOLTAGE _____ RATED F.L. AMPS _____

OPERATING VOLTAGE _____ RATED AMPS @150 _____ PHASE _____ CYCLES _____ SERVICE FACTOR _____

CONTROLLER DATA

MANUFACTURER: _____ MODEL: _____ SERIAL: _____

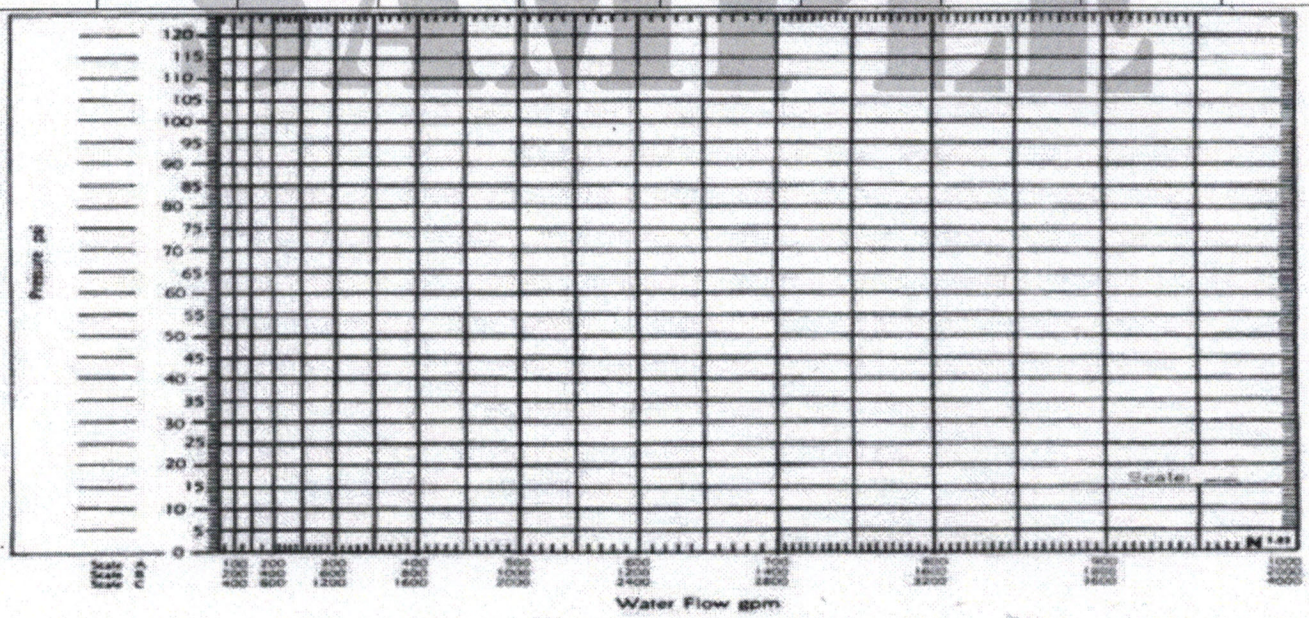
START _____ PSI _____ MANUAL _____ PRESS DROP _____ AUTO _____ WATERFLOW

STOP _____ PSI _____ MANUAL _____ AUTO

JOCKEY PUMP _____ YES _____ NO ON _____ PSI OFF _____ PSI

SPEED RPM	DISCHARGE PSI	SUCTION PSI	NET HEAD PSI	NUMBER OF OUTLET	SIZE OF OUTLET	PITOT PRESSURE	PITOT PRESSURE	FLOW GPM	PERCENT CAPACITY

SAMPLE



REV. 1/08

Report of Inspection, Testing & Maintenance of Standpipe Systems

AFSA American Fire Sprinkler Association

ALL QUESTIONS ARE TO BE ANSWERED AND ALL BLANKS TO BE FILLED
(Weekly inspection tasks are NOT included in this report)

Inspecting Firm: Fire & Safety Systems Co Inspection Contract# #P00087

Name of Inspected Property: ACME PRODUCTS 123 MAIN STREET U.S.A.

Inspector Name: DM Date:

Inspection Frequency: ☐ Monthly ☐ Quarterly ☐ Annually ☐ Other

Monthly Inspection for Standpipe Systems

		Y	N/A	N
A.1.0	System in service on inspection			
A.2.0	Supply pressure gauge (where present)			psi
A.2.1	System water pressure gauge (where present)			psi
A.2.2	System air pressure gauge (where present)			psi
A.2.3	Top floor pressure gauge (where present)			psi
A.2.4	Gauges appear to be in good condition (where present)			
A.2.5	Gauges indicate normal air and water pressures (where present)			
A.3.0	Control valves in normal open or closed position			
A.3.1	Control valves properly locked or supervised			
A.3.2	Control valves accessible			
A.3.3	Control valves provided with appropriate wrenches			
A.3.4	Control valves free from external leaks			
A.3.5	Control valve identification signs in place			
A.3.6	Control valve signs indicate area served			
A.4.0	Backflow prevention assembly valves are locked or electrically supervised in open position			
A.4.1	Reduced pressure backflow prevention assembly not in continuous discharge			

		Y	N/A	N
A.5.0	Alarm / dry / deluge valve trim valves free of physical damage			
A.5.1	Alarm / dry / deluge valve trim valves are in appropriate open or closed position			
A.5.2	Alarm / dry / deluge valve trim valves retarding chamber or alarm drain not leaking			
A.6.0	**ALARM PANEL CLEAR**			
A.7.0	**COMMENTS:**			

Quarterly Testing for Standpipe Systems

B.1.0	System in service before testing			
B.1.1	Pertinent parties notified before testing			
B.1.2	Adequate drainage provided before flow testing			
B.2.0	Main drain test conducted downstream from backflow preventer			
B.2.1	Main drain test conducted downstream from pressure reducing valve			
B.2.2	Supply water gauge reading before flow (static)			psi
B.2.3	Gauge reading during stable flow (residual)			psi
B.2.4	Time for supply pressure to return to normal			sec
B.3.0	Dry pipe valve priming water tested			
B.3.1	Dry pipe valve priming water level normal			
B.3.2	Dry pipe valve priming water level returned to normal			
B.3.3	Low air pressure alarm tested in accordance with manufacturer's instructions			
B.4.0	Pertinent parties notified of test conclusion			
B.5.0	**ALARM PANEL CLEAR**			
B.7.0	**SYSTEM RETURNED TO SERVICE**			
B.8.0	**COMMENTS:**			

Semi-Annual Testing for Standpipe Systems

C.1.0	System in service before testing			
C.1.1	Pertinent parties notified before testing			
C.2.0	Water flow alarm tested and is operational			
C.2.1	Test conducted with inspectors test connection			
C.2.2	Test conducted with bypass connection (freezing weather)			
C.2.3	Test conducted per manufacturer's instructions			
C.3.0	Supervisory switches initiated distinct signal during first two hand wheel revolutions or before valve stem moved one-fifth from normal position			
C.3.1	Signal restored only when valve returned to normal position			
C.4.0	Pertinent parties notified of test conclusion			
C.5.0	**ALARM PANEL CLEAR**			
C.6.0	**SYSTEM RETURNED TO SERVICE**			
C.7.0	**COMMENTS:**			

SAMPLE

INSPECTOR'S INITIAL _____ **(All "NO" answers to be explained.)** **OWNER/DESIGNATED REP. INITIAL** _____ **DATE** _____

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Report of Inspection, Testing & Maintenance
of Dry Pipe Fire Sprinkler Systems

AFSA American Fire Sprinkler Association

ALL QUESTIONS ARE TO BE ANSWERED AND ALL BLANKS TO BE FILLED

(Weekly inspection tasks are NOT included in this report)

Inspecting Firm: Fire & Safety Systems Co.- Ocean, NJ Inspection Contract# P00087

Name of Inspected Property: ACME PRODUCTS 123 MAIN STREET U.S.A.

Inspector Name: DM Date:

Inspection Frequency: ☐ Monthly ☐ Quarterly ☐ Annually ☐ Other

Monthly Inspection of Dry Pipe Sprinkler Systems

		Y	N/A	N
A.1.0	System in service on inspection			
A.1.1	Supply (water) gauge pressure			psi
A.1.2	System (air) gauge pressure			psi
A.1.3	Quick opening device gauge pressure			psi
A.1.4	Gauge near compressor			psi
A.1.5	Gauge pressures are normal			
A.2.0	Control valves in normal open or closed position			
A.2.1	Control valves properly locked or supervised			
A.2.2	Control valves accessible			
A.2.3	Control valves provided with appropriate wrenches			
A.2.4	Control valves free from external leaks			
A.2.5	Control valve identification signs in place			
A.2.6	System control valve sign indicates area served			
A.2.7	System riser informational sign in place showing area served, locations of auxiliary drains and any auxiliary systems*			
A.3.0	Backflow prevention assembly valves are locked or electrically supervised in open position			
A.3.1	Reduced pressure backflow prevention assembly not in continuous discharge			
A.4.0	Dry pipe valve free of physical damage			
A.4.1	Dry pipe valve trim valves are in appropriate open or closed position			
A.4.2	Dry pipe valve intermediate chamber not leaking			
A.5.0	**ALARM PANEL CLEAR**			
A.6.0	**COMMENTS:**			

Quarterly Inspection of Dry Pipe Sprinkler Systems

		Y	N/A	N
B.1.0	System in service on inspection			
B.2.0	Hydraulic nameplate attached and legible			
B.2.1	Alarm device free from physical damage			
B.3.0	FDC is visible			
B.3.1	FDC is accessible			
B.3.2	FDC swivels/couplings undamaged/rotate smoothly			
B.3.3	FDC plugs/caps in place/undamaged			
B.3.4	FDC gaskets in place and in good condition			
B.3.5	FDC identification sign in place			
B.3.6	FDC check valve not leaking			
B.3.7	FDC automatic drain valve in place and operating properly			
B.3.8	FDC clapper is in place and operating properly			
B.3.9	FDC interior inspected where caps missing			
B.3.10	FDC obstructions removed as necessary			
B.4.0	Pressure reducing control valves (PRV) indicate open			
B.4.1	PRV not leaking			
B.4.2	PRV maintaining downstream pressure per design			
B.4.3	PRV in good condition			
B.4.4	PRV handwheel installed and not broken			
B.5.0	**ALARM PANEL CLEAR**			
B.6.0	**COMMENTS:**			

Quarterly Testing for Dry Pipe Sprinkler Systems

C.1.0	System in service before testing			
C.1.1	Pertinent parties notified before testing			
C.1.2	Adequate drainage provided before flow testing			
C.2.0	Alarm devices appear free of physical damage			
C.3.0	One main drain test conducted downstream from backflow preventer			
C.3.1	One main drain test conducted downstream from pressure reducing valve			
C.3.2	Supply water gauge reading before flow (static)			psi
C.3.3	Gauge reading during stable flow (residual)			psi
C.3.4	Time for supply pressure to return to normal			sec
C.4.0	Priming water level tested			
C.5.0	Quick opening device(s) (QOD) tested			
C.6.0	Low pressure alarm tested			
C.7.0	Pertinent parties notified of test conclusion			
C.8.0	**ALARM PANEL CLEAR**			
C.9.0	**SYSTEM RETURNED TO SERVICE**			
C.10.0	**COMMENTS:**			

SAMPLE

This requirement is new and can also be found in the 2007 edition of NFPA 13

(All "NO" answers to be explained.)

INSPECTOR'S INITIAL _____ **OWNER/DESIGNATED REP. INITIAL** _____ **DATE** _____

Fire & Safety Systems Co.
1303 Doris Ave, Ocean, NJ 07712
P (732) 531-2400 F (732) 531-0329
www.firesafetysystems.com

1287

Permit # P00087

NEWWA Backflow Prevention Device Assembly Test Form

Owner of Property _____ Date _____ Time _____

Mailing Address _____ Tested by _____

_____ Certificate # _____
(City, Town) (Zip)

Contact Person _____ RPZ ☐ DCVA ☐ PVB ☐ SRVB ☐

Make _____ Model No. _____

Device Address and Location _____ Size _____ Serial No. _____

_____ Test After Installation ☐

Device Identification Number _____ Test After Repairs ☐

Annual Test ☐

Test Kit Serial # _____ Calibration Date _____ Other _____ ☐

SAMPLE

REDUCED PRESSURE BACKFLOW PREVENTION DEVICE ASSEMBLY (RPZ)

Check Valve No. 1	Check Valve No. 2 Tightness	Flow Condition Evaluated	Relief Valve DP Opening Point	Check Valve No. 2 DP
Closed Tight ☐ Leaked ☐ _____.__ PSID	Closed Tight ☐ Leaked ☐	Flow ☐ No-Flow ☐	Opened at PSID _____.__ Did Not Open ☐	_____.__ PSID

DOUBLE CHECK VALVE DEVICE ASSEMBLY (DCVA)

Backpressure Test		Check Valve No. 1 DP	Check Valve No. 2 DP	Flow Condition Evaluated
TC#1 PSI	TC#4 PSI	_____.__ PSID	_____.__ PSID	Flow ☐ No-Flow ☐

Pressure Vacuum Breaker (PVB) Spill Resistant Vacuum Breaker (SRVB)

Check Valve DP	Flow Condition Evaluated
_____.__ PSID	Flow ☐ No-Flow ☐

Air Inlet Valve DP Opening Point

Opened at _____.__ PSID

Did Not Open ☐

At the time of the test, the downstream shut-off valve was: Closed Tight ☐ Leaked ☐ Not Tested ☐

Line Pressure _____ PSI | Protection Type: Service Line ☐ Fire Service Line ☐ Internal Domestic Plumbing System ☐

SAMPLE

_____ **PASS ☐ FAIL ☐ OTHER ☐**
Signature of Certified Tester

Test Witnessed by:

_____
Water Works Official

_____
Owner Agent

_____
State Official

Remarks

Service Restored ☐