



2030 Pennsylvania Avenue  
Madison, WI 53703  
PH: 608.249.0451  
Fax: 608.249.7360  
[www.hoopercorp.com](http://www.hoopercorp.com)

CUSTOMER NAME: WIMR  
ADDRESS: 1111 Highland Avenue  
Madison, WI 53704  
INSPECTION TYPE: Sprinkler - Annual  
INSPECTION DATE: 8/24/2018 10:36:37 AM  
NAME OF INSPECTOR: Mike Nugent

System Name: entire building  
System Type: Sprinkler - Combination  
SIN #:  
POI #:  
Sprinkler Valve Location:  
Sprinkler Valve Make:  
Sprinkler Valve Model:  
Valves Supervised:  
Last water supply test:  
Fire Pump Type:  
Last pump inspection date:

Pass Fail N/A

#### SI Sprinkler Systems NFPA 25 11

##### General

☒ ☐ ☐ C.SS.01 System inspection and test results

##### Owner Information

☒ ☐ ☐ OI.SS.1.1 Is the building occupied?

☒ ☐ ☐ OI.SS.1.2 Has the occupancy classification and hazard of contents remained the same since the last inspection?

☒ ☐ ☐ OI.SS.1.3 Are all fire protection systems in service?

☒ ☐ ☐ OI.SS.1.4 Has the system remained in service without modification since the last inspection?

☒ ☐ ☐ OI.SS.1.5 Was the system free of actuations of devices or alarms since the last inspection?

##### Notifications Prior to Testing and Maintenance

☒ ☐ ☐ C.SS.904 Notifications made prior to testing or maintenance?

##### Dry Pipe Valves / Quick Opening Devices

☒ ☐ ☐ ID.SS.2 Valve enclosure temperature at 40 degrees F (4.4 degrees C) minimum?

- [x] ☐ ☐ IW.SS.1.1 Gauges in good condition and show normal air and water pressure?
- [x] ☐ ☐ IW.SS.5.7 Signage indicates number and location of auxiliary drains?
- [x] ☐ ☐ IM.SS.5 External inspection of dry pipe valve passed?
- [x] ☐ ☐ IA.SS.7.2 Interior of dry pipe valve inspected and passed?
- [x] ☐ ☐ TQ.SS.6.2 Low air pressure alarms passed test?
- [x] ☐ ☐ TA.SS.5.2 Trip test - Results comparable to previous tests? (Partial - annually; Full - every 3 yrs)
- [x] ☐ ☐ TA.SS.6 Auto air pressure maint devices tested during dry pipe valve trip test?

#### **Preaction /Deluge Valves**

- [x] ☐ ☐ ID.SS.1 Valve enclosure temperature at 40 degrees F (4.4 degrees C) minimum?
- [x] ☐ ☐ IW.SS.4.1 Gauges in good condition and show normal air and water pressure?
- [x] ☐ ☐ IM.SS.4.3 External inspection of valves passed?
- [x] ☐ ☐ IA.SS.914 Internal inspection of valves passed?
- [x] ☐ ☐ TQ.SS.5.1 Priming water level tested and passed?
- [x] ☐ ☐ IQ.SS.925 Low air pressure alarm tested?
- [x] ☐ ☐ TQ.SS.5.3 Valves free of grease/other sealing materials?
- [x] ☐ ☐ TA.SS.4.3 Preaction system trip test - results comparable to design values?
- [x] ☐ ☐ TA.SS.17 Manual actuation devices operated?

#### **Control Valves**

- [x] ☐ ☐ IW.SS.2.1 Control valves identified and have proper signage?
- [x] ☐ ☐ IW.SS.2.3 Valves are in normal open or closed position?
- [x] ☐ ☐ IW.SS.2.4 Valves are sealed, locked, or supervised?
- [x] ☐ ☐ IW.SS.2.5 Valves are free from external leaks?
- [x] ☐ ☐ IW.SS.908 Backflow preventer isolation valves passed inspection?
- [x] ☐ ☐ IM.SS.903 Valves are accessible and protected from physical damage?
- [x] ☐ ☐ TA.SS.3.1 Each control valve operated through full range and returned to normal position?
- [x] ☐ ☐ TA.SS.3.2 Post indicator valves opened until spring or torsion felt in rod, then closed back 1/4 turn?
- [x] ☐ ☐ TS.SS.3.1 Valve supervisory switches indicate movement?
- [x] ☐ ☐ MA.SS.1 Operating stems of all OS&Y valves lubricated, completely closed, and reopened?

#### **Gauges**

- [x] ☐ ☐ IM.SS.919 Gauges in good condition and displaying normal pressure?

#### **Waterflow Devices**

- [x] ☐ ☐ IQ.SS.1 Waterflow and supervisory devices free of physical damage?
- [x] ☐ ☐ TS.SS.2 Vane-type and pressure switch-type waterflow devices actuated and flow observed?

#### **Pressure Reducing and Relief Valves**

- [x] ☐ ☐ IW.SS.3 Master pressure reducing valves in good condition and maintaining proper pressures?
- [x] ☐ ☐ IW.SS.6.1 Water flowing through fire pump circulation relief valve at churn?

#### **Sprinklers**

- [x] ☐ ☐ IA.SS.5.1 Sprinklers are oriented correctly (upright, pendent, sidewall)?
- [x] ☐ ☐ IA.SS.5.3 Sprinklers free from paint, corrosion, leakage, or other damage or impairment.
- [x] ☐ ☐ IA.SS.5.6 Minimum sprinkler clearance maintained?
- [x] ☐ ☐ IA.SS.5.7 Proper number and type of spares on hand?

#### **Fire Department Connections**

- [x] ☐ ☐ IQ.SS.4.1 FD connections (exterior) are visible, accessible, and in good condition.

- [X] ☐ ☐ IQ.SS.4.2 Couplings or swivels are not damaged and rotate smoothly.
- [X] ☐ ☐ IQ.SS.4.3 Plugs or caps are in place and undamaged.
- [X] ☐ ☐ IQ.SS.4.4 Gaskets are in place and in good condition.
- [X] ☐ ☐ IQ.SS.4.5 Identification signs are in place.
- [X] ☐ ☐ IQ.SS.4.6 Check valve is not leaking.
- [X] ☐ ☐ IQ.SS.4.7 Automatic drain valve is in place and operating properly.
- [X] ☐ ☐ IQ.SS.4.8 Connection clapper(s) is in place and operating properly.

**Piping, Hangers, and Braces**

- [X] ☐ ☐ IA.SS.3 Visible pipe hangers and seismic braces not damaged or loose?
- [X] ☐ ☐ IA.SS.4.1 Pipe and fittings in good condition, free of mechanical damage, leakage, and corrosion?
- [X] ☐ ☐ IA.SS.4.2 Sprinkler piping not subjected to external loads?

**Main Drain**

- [X] ☐ ☐ TQ.SS.3.1 Main drain test: Flow observed? Results comparable to previous test?

**General Inspection, Testing, and Maintenance**

- [X] ☐ ☐ IQ.SS.2 Hydraulic nameplate attached securely and legible?

**Notifications After Testing and Maintenance**

- [X] ☐ ☐ C.SS.920 Notifications made after testing or maintenance?
- [X] ☐ ☐ C.SS.999 Capture customer and inspector signatures.

Thank you for your business.  
Please contact us with any future needs.  
Hooper Fire Protection Department is there for you 24/7.  
In case of emergency please contact us at  
(608) 249-0451

temp

Device Type	Pass	Fail - Corrected	Fail	Total Inspected	Total Devices	Total as of 5/16/2018
Backflow Preventer	1	0	0	1	1	1
Control Valve	28	0	0	28	28	28
Dry-Pipe Valve	2	0	0	2	2	2
Inspector Test Valve	21	0	0	21	21	21
Low Air Supervisory Switch	4	0	0	4	4	4
Preaction Valve	2	0	0	2	2	2
Riser	25	0	0	25	25	25
Tamper Switch	28	0	0	28	28	28
Waterflow Switch	25	0	0	25	25	25

## Floor 1

Device Type	Pass	Fail - Corrected	Fail	Total Inspected	Total Devices	Total as of 5/16/2018
Backflow Preventer	1	0	0	1	1	1
Control Valve	28	0	0	28	28	28
Dry-Pipe Valve	2	0	0	2	2	2
Inspector Test Valve	21	0	0	21	21	21
Low Air Supervisory Switch	4	0	0	4	4	4
Preaction Valve	2	0	0	2	2	2
Riser	25	0	0	25	25	25
Tamper Switch	28	0	0	28	28	28
Waterflow Switch	25	0	0	25	25	25

Location	Type	Name	Data	Inspected	Comments
center tower	Control Valve	10th fl control valve		Pass	
center tower	Control Valve	1st fl control valve		Pass	
center tower	Control Valve	2nd fl control valve		Pass	
center tower	Control Valve	3rd fl control valve		Pass	
center tower	Control Valve	4th fl control valve		Pass	
center tower	Control Valve	5th fl control valve		Pass	
center tower	Control Valve	6th fl control valve		Pass	
center tower	Control Valve	7th fl control valve		Pass	
center tower	Control Valve	8th fl control valve		Pass	
center tower	Control Valve	9th fl control valve		Pass	
center tower	Control Valve	basement control valve		Pass	
center	Control Valve	center tower dry system		Pass	

tower		control valve		
center tower	Control Valve	Surgical Pathology control valve		Pass
center tower	Dry-Pipe Valve	center tower dry pipe valve	Type of trip test performed today (partial/full): partial Pressure before test (air/water): 45/185 Trip air pressure: 30 psi Trip time: 10 sec.	Pass
center tower	Inspector Test Valve	10th fl inspectors test valve	Time to Alarm (sec.): 30 sec.	Pass
center tower	Inspector Test Valve	1st fl inspectors test valve	Time to Alarm (sec.): 25 sec.	Pass
center tower	Inspector Test Valve	2nd fl inspectors test valve	Time to Alarm (sec.): 35 sec.	Pass
center tower	Inspector Test Valve	3rd fl inspectors test valve	Time to Alarm (sec.): 50 sec.	Pass
center tower	Inspector Test Valve	4th fl inspectors test valve	Time to Alarm (sec.): 30 sec.	Pass
center tower	Inspector Test Valve	5th fl inspectors test valve	Time to Alarm (sec.): 40 sec.	Pass
center tower	Inspector Test Valve	6th fl inspectors test valve	Time to Alarm (sec.): 40 sec.	Pass
center tower	Inspector Test Valve	7th fl inspectors test valve	Time to Alarm (sec.): 45 sec.	Pass
center tower	Inspector Test Valve	8th fl inspectors test valve	Time to Alarm (sec.): 30 sec.	Pass
center tower	Inspector Test Valve	9th fl inspectors test valve	Time to Alarm (sec.): 35 sec.	Pass
center tower	Inspector Test Valve	basement inspectors test valve	Time to Alarm (sec.): 40 sec.	Pass
center tower	Inspector Test Valve	Surgical Pathology inspectors test valve	Time to Alarm (sec.): 30 sec.	Pass
center tower	Low Air Supervisory Switch	center tower dry system low air switch	Tripped at (air pressure): 40 psi.	Pass
center tower	Riser	10th fl main drain	Static Pressure (psi): 200 Residual Pressure (psi): 135 Restored Pressure (psi): 190	Pass
center tower	Riser	1st fl main drain	Static Pressure (psi): 245 Residual Pressure (psi): 140 Restored Pressure (psi): 245	Pass
center tower	Riser	2nd fl main drain	Static Pressure (psi): 235 Residual Pressure (psi): 140 Restored Pressure (psi): 240	Pass
center tower	Riser	3rd fl main drain	Static Pressure (psi): 230 Residual Pressure (psi): 130 Restored Pressure (psi): 230	Pass
center tower	Riser	4th fl main drain	Static Pressure (psi): 185 Residual Pressure (psi): 110 Restored Pressure (psi): 205	Pass
center tower	Riser	5th fl main drain	Static Pressure (psi): 150 Residual Pressure (psi): 90 Restored Pressure (psi): 175	Pass
center tower	Riser	6th fl main drain	Static Pressure (psi): 215 Residual Pressure (psi): 150 Restored Pressure (psi): 205	Pass
center tower	Riser	7th fl main drain	Static Pressure (psi): 215 Residual Pressure (psi): 145	Pass

			Restored Pressure (psi): 205	
center tower	Riser	8th fl main drain	Static Pressure (psi): 205 Residual Pressure (psi): 135 Restored Pressure (psi): 195	Pass
center tower	Riser	9th fl main drain	Static Pressure (psi): 200 Residual Pressure (psi): 135 Restored Pressure (psi): 190	Pass
center tower	Riser	basement main drain	Static Pressure (psi): 255 Residual Pressure (psi): 145 Restored Pressure (psi): 225	Pass
center tower	Riser	center tower dry system main drain	Static Pressure (psi): 185 Residual Pressure (psi): 145 Restored Pressure (psi): 185	Pass
center tower	Riser	Surgical Pathology main drain	Static Pressure (psi): 250 Residual Pressure (psi): 100 Restored Pressure (psi): 235	Pass
center tower	Tamper Switch	10th fl control valve tamper switch		Pass
center tower	Tamper Switch	1st fl control valve tamper switch		Pass
center tower	Tamper Switch	2nd fl control valve tamper switch		Pass
center tower	Tamper Switch	3rd fl control valve tamper switch		Pass
center tower	Tamper Switch	4th fl control valve tamper switch		Pass
center tower	Tamper Switch	5th fl control valve tamper switch		Pass
center tower	Tamper Switch	6th fl control valve tamper switch		Pass
center tower	Tamper Switch	7th fl control valve tamper switch		Pass
center tower	Tamper Switch	8th fl control valve tamper switch		Pass
center tower	Tamper Switch	9th fl control valve tamper switch		Pass
center tower	Tamper Switch	basement control valve tamper switch		Pass
center tower	Tamper Switch	center tower dry system control valve tamper switch		Pass
center tower	Tamper Switch	Surgical Pathology control valve tamper switch		Pass
center tower	Waterflow Switch	10th fl flow switch		Pass
center tower	Waterflow Switch	1st fl flow switch		Pass
center tower	Waterflow Switch	2nd fl flow switch		Pass
center tower	Waterflow Switch	3rd fl flow switch		Pass
center tower	Waterflow Switch	4th fl flow switch		Pass
center tower	Waterflow Switch	5th fl flow switch		Pass
center tower	Waterflow Switch	6th fl flow switch		Pass
center	Waterflow Switch	7th fl flow switch		Pass

tower				
center tower	Waterflow Switch	8th fl flow switch		Pass
center tower	Waterflow Switch	9th fl flow switch		Pass
center tower	Waterflow Switch	basement flow switch		Pass
center tower	Waterflow Switch	center tower dry system water pressure switch		Pass
center tower	Waterflow Switch	Surgical Pathology flow switch		Pass
east tower	Control Valve	1st fl control valve		Pass
east tower	Control Valve	2nd fl control valve		Pass
east tower	Control Valve	3rd fl control valve		Pass
east tower	Control Valve	4th fl control valve		Pass
east tower	Control Valve	5th fl control valve		Pass
east tower	Control Valve	6th fl control valve		Pass
east tower	Control Valve	7th fl control valve		Pass
east tower	Control Valve	basement control valve		Pass
east tower	Control Valve	east tower dry system control valve		Pass
east tower	Dry-Pipe Valve	east tower dry pipe valve	Type of trip test performed today (partial/full): partial Pressure before test (air/water): 45/190 Trip air pressure: 45 psi. Trip time: 6 sec.	Pass
east tower	Inspector Test Valve	1st fl inspectors test valve	Time to Alarm (sec.): 30 sec.	Pass
east tower	Inspector Test Valve	2nd fl inspectors test valve	Time to Alarm (sec.): 35 sec.	Pass
east tower	Inspector Test Valve	3rd fl inspectors test valve	Time to Alarm (sec.): 25 sec.	Pass
east tower	Inspector Test Valve	4th fl inspectors test valve	Time to Alarm (sec.): 35 sec.	Pass
east tower	Inspector Test Valve	5th fl inspectors test valve	Time to Alarm (sec.): 40 sec.	Pass
east tower	Inspector Test Valve	6th fl inspectors test valve	Time to Alarm (sec.): 40 sec.	Pass
east tower	Inspector Test Valve	7th fl inspectors test valve	Time to Alarm (sec.): 40 sec.	Pass
east tower	Inspector Test Valve	basement inspectors test valve	Time to Alarm (sec.): 60 sec.	Pass
east tower	Low Air Supervisory Switch	east tower dry system low air switch	Tripped at (air pressure): 40 psi	Pass
east tower	Riser	1st fl main drain	Static Pressure (psi): 245 Residual Pressure (psi): 145 Restored Pressure (psi): 240	Pass
east tower	Riser	2nd fl main drain	Static Pressure (psi): 240 Residual Pressure (psi): 125 Restored Pressure (psi): 240	Pass
east tower	Riser	3rd fl main drain	Static Pressure (psi): 230 Residual Pressure (psi): 120 Restored Pressure (psi): 230	Pass
east tower	Riser	4th fl main drain	Static Pressure (psi): 220 Residual Pressure (psi): 110 Restored Pressure (psi): 215	Pass
east tower	Riser	5th fl main drain	Static Pressure (psi): 215 Residual Pressure (psi): 105 Restored Pressure (psi): 205	Pass
east tower	Riser	6th fl main drain	Static Pressure (psi): 225 Residual Pressure (psi): 165 Restored Pressure (psi): 215	Pass
east tower	Riser	7th fl main drain	Static Pressure (psi): 220	Pass

			Residual Pressure (psi): 160 Restored Pressure (psi): 205	
east tower	Riser	basement main drain	Static Pressure (psi): 250 Residual Pressure (psi): 145 Restored Pressure (psi): 250	Pass
east tower	Riser	east tower dry system main drain	Static Pressure (psi): 205 Residual Pressure (psi): 155 Restored Pressure (psi): 190	Pass
east tower	Tamper Switch	1st fl control valve tamper switch		Pass
east tower	Tamper Switch	2nd fl control valve tamper switch		Pass
east tower	Tamper Switch	3rd fl control valve tamper switch		Pass
east tower	Tamper Switch	4th fl control valve tamper switch		Pass
east tower	Tamper Switch	5th fl control valve tamper switch		Pass
east tower	Tamper Switch	6th fl control valve tamper switch		Pass
east tower	Tamper Switch	7th fl control valve tamper switch		Pass
east tower	Tamper Switch	basement control valve tamper switch		Pass
east tower	Tamper Switch	east tower dry system control valve tamper switch		Pass
east tower	Waterflow Switch	1st fl flow switch		Pass
east tower	Waterflow Switch	2nd fl flow switch		Pass
east tower	Waterflow Switch	3rd fl flow switch		Pass
east tower	Waterflow Switch	4th fl flow switch		Pass
east tower	Waterflow Switch	5th fl flow switch		Pass
east tower	Waterflow Switch	6th fl flow switch		Pass
east tower	Waterflow Switch	7th fl flow switch		Pass
east tower	Waterflow Switch	basement flow switch		Pass
east tower	Waterflow Switch	east tower dry system water pressure switch		Pass
pump room	Backflow Preventer	backflow preventer		Pass
pump room	Control Valve	backflow preventer city side control valve		Pass
pump room	Control Valve	backflow preventer system side control valve		Pass
pump room	Control Valve	feed main control valve		Pass
pump room	Control Valve	fire pump test header control valve		Pass
pump room	Inspector Test Valve	feed main inspectors test valve	Time to Alarm (sec.): 25 sec.	Pass
pump room	Riser	feed main main drain	Static Pressure (psi): 240 Residual Pressure (psi): 210 Restored Pressure (psi): 245	Pass
pump room	Tamper Switch	backflow preventer city side control valve tamper switch		Pass
pump room	Tamper Switch	backflow preventer system side control valve tamper switch		Pass
pump room	Tamper Switch	feed main control valve tamper switch		Pass
pump room	Tamper Switch	fire pump test header control		Pass



	valve tamper switch		
pump room Waterflow Switch	feed main flow switch		Pass
room b1023 Control Valve	1023 preaction control valve		Pass
room b1023 Low Air Supervisory Switch	1023 preaction low air switch	Tripped at (air pressure): 6 psi	Pass
room b1023 Preaction Valve	1023 preaction valve	Type of trip test performed today (partial/full): partial Pressure before test (air/water): 25/175 Trip air pressure: 10 psi. Trip time: manual pull	Pass
room b1023 Riser	1023 preaction main drain	Static Pressure (psi): 250 Residual Pressure (psi): 145 Restored Pressure (psi): 175	Pass
room b1023 Tamper Switch	1023 preaction control valve tamper switch		Pass
room b1023 Waterflow Switch	1023 preaction water pressure switch		Pass
room b1250 Control Valve	1250 preaction control valve		Pass
room b1250 Low Air Supervisory Switch	1250 preaction low air switch	Tripped at (air pressure): 6 psi	Pass
room b1250 Preaction Valve	1250 preaction valve	Type of trip test performed today (partial/full): partial Pressure before test (air/water): 25/215 Trip air pressure: 10 psi. Trip time: manual pull	Pass
room b1250 Riser	1250 preaction main drain	Static Pressure (psi): 245 Residual Pressure (psi): 155 Restored Pressure (psi): 215	Pass
room b1250 Tamper Switch	1250 preaction control valve tamper switch		Pass
room b1250 Waterflow Switch	1250 preaction water pressure switch		Pass

temp





Scott Walker, Governor  
Dave Ross, Secretary

## Double Check/DC Detector Performance Test

Personal information you provide may be used for secondary purposes [Privacy Law, s.1504 (1)(m)].

### OWNER INFORMATION Please print clearly in ballpoint pen. Additional information on back page.

Owner Name <u>UW</u>		Street Address <u>610 HIGHLAND AVE</u>	
City Code <u>MADISON WI 53714</u>	State Zip	Owner's Contact Person <u>MARCELLA OTTER</u>	Telephone Number <u>265-3967</u>

### FACILITY INFORMATION

Facility Name <u>WIMR</u>		Street Address <u>610 HIGHLAND AVE</u>	
City Code <u>MADISON 53714</u>	Zip	County <u>DANE</u>	
Assembly Location <u>LOWER LEVEL PUMP ROOM</u>			
Manufacturer <u>AMES</u>		Model <u>COLT 200</u>	Serial Number <u>HE0684</u>

Size 8 Assembly Type ☒ DC ☐ DC Detector

### INITIAL TEST

#### First check

☒ Closed tight

☐ Leaked

Static 2.4 PSID

#### Second check

☒ Closed tight

☐ Leaked

Static 1.8 PSID

### FINAL TEST

☒ Closed tight

Static 2.4 PSID

☒ Closed tight

Static 1.8 PSID

### DETECTOR BYPASS ASSEMBLY INITIAL TEST

#### First check

☐ Closed tight

☐ Leaked

Static \_\_\_\_\_ PSID

#### Second check

☐ Closed tight

☐ Leaked

Static \_\_\_\_\_ PSID

### DETECTOR BYPASS ASSEMBLY FINAL TEST

☐ Closed tight

Static \_\_\_\_\_ PSID

☐ Closed tight

Static \_\_\_\_\_ PSID

### ASSEMBLIES IN FIRE PROTECTION SYSTEMS

Note: Include hose stream demand where applicable

#### Forward Flow Test

Designed flow rate 1500 GPM

Actual flow rate 1599 GPM

#### Indicating Control Valves

☒ No. one control valve open

☒ No. two control valves open

Valve supervision:

☒ Tamper switch

☐ Locked

Part (s) Replaced/Comments

(3) 2 1/2 PITOT  
10 PSI EACH

I HEREBY CERTIFY THE TEST RESULTS ARE TRUE AND THE TEST WAS CONDUCTED BY ME PERSONALLY.

Tester Name

(print)

MIKE NOGENT

Registration No.

225058

Time of

Day

AM

Tester Signature

[Signature]

Phone No.

249-0451

Date

8/27/18

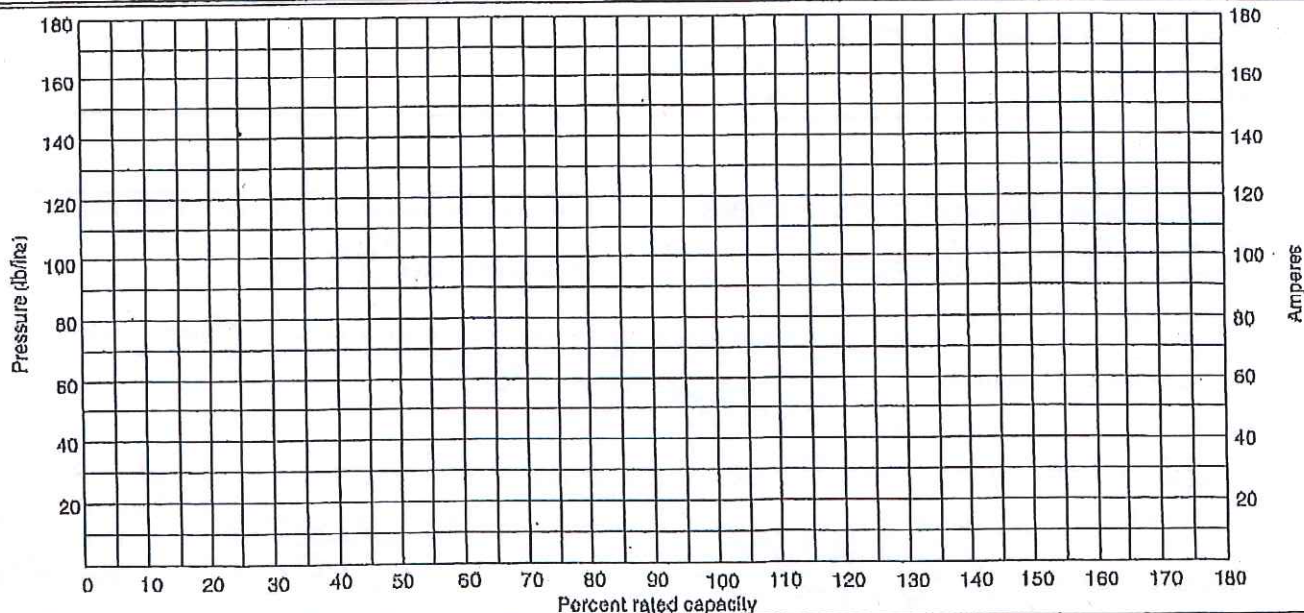


PUMP ACCEPTANCE TEST DATA Refer to P & P F(A) - 512.12 & DS 3 - 7N

PROPERTY OF <b>WIMR</b>						INDEX NO.		DIST. OFFICE			
ADDRESS <b>610 HIGHLAND AVE</b>						TESTED BY <b>M. NOGENT</b>		DATE <b>8/27/18</b>			
CITY <b>MADISON</b>				STATE <b>WI.</b>		PLACO		CODE			
SUBJECT <b>ANNUAL PUMP TEST</b>						CONFERRED WITH					
PUMP	<input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/> VERTICAL		MANUFACTURER		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		SHOP OR SERIAL NO.		MODEL OR TYPE		
	RATED GPM <b>1000</b>		RATED HEAD-FT. (psi) <b>32.3</b>		RATED RPM		SUCTION FROM <b>CITY</b>		TANK SIZE		
IF VERTICAL TYPE	VERTICAL DIST. DISCH. GAUGE TO WATER LEVEL		STATIC FT.		RIGHT-ANGLE GEAR DRIVE		MANUFACTURER		SHOP OR SERIAL NO.		
	PUMPING FT.		MODEL OR TYPE		PERFORMANCE <input type="checkbox"/> SMOOTH <input type="checkbox"/> ROUGH		APPROVED <input type="checkbox"/> YES <input type="checkbox"/> NO		TANK HEIGHT		
DRIVER	MANUFACTURER <b>MARATHON</b>		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		SHOP OR SERIAL NO. <b>WA032457</b>		MODEL OR TYPE <b>EE</b>		RATED RPM <b>180</b>		
	<input checked="" type="checkbox"/> ELECTRIC MOTOR		RATED VOLT <b>460</b>		OPERATING VOLT.		RATED FL. AMPS <b>1.9</b>		AMPS AT 150% <b>110</b>		
<input type="checkbox"/> DIESEL ENGINE		<input type="checkbox"/> GASOLINE ENGINE		<input type="checkbox"/> GAS ENGINE		<input type="checkbox"/> STEAM TURBINE		<input type="checkbox"/> PRESS. GOVERNOR BUILT IN		<input type="checkbox"/> INDEPENDENT <input type="checkbox"/> TURBINE STEAM PRESS	
CONTROLLER	MANUFACTURER <b>CUTLER HAMMILL</b>		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		START <b>210</b> psi		STOP <b>240</b> psi		JOCKEY PUMP <b>ON</b> <b>240</b> psi		
	SHOP OR SERIAL NO. <b>1057310E</b>		MODEL OR TYPE <b>CMR PLUS</b>		<input checked="" type="checkbox"/> MANUAL <input checked="" type="checkbox"/> PRESS DROP <input checked="" type="checkbox"/> WATER FLOW		<input checked="" type="checkbox"/> AUTO		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <b>OFF</b> <b>280</b> psi		

SPEED RPM	DISCHARGE PRESSURE PSI	SUCTION PRESSURE PSI	NET HEAD PSI	STREAMS			GALLONS PER MINUTE	PERCENT OF RATED CAPACITY	VOLTS	AMPS	STEAM PRESSURE	
				NO.	SIZE	PITOT PRESSURE					THROTTLE	CHEST
3575	230	80	150	0	0	0	0	CHURN	480/78	78	481/79	480/80
3570	165	75	90	2	2.5	10	1066	100	477/138	138	477/139	477/141
3570	105	70	35	3	2.5	10	1599	150	477/135	135	477/136	477/138

Readings marked (1) in suction column are heads above atmosphere, those marked (-) are lifts.  
For vertical shaft pumps omit suction pressure and net head readings.



Plot discharge pressure and net head curves for horizontal shaft pump. For vertical shaft pump, plot discharge pressure curve. For electric-driven pump, plot amperage curve also.