

DOCKETED	
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Comment Received From: Mahnaz Ghamati
Submitted On: 3/8/2024
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3-Mojave Solar Project 2023 Annual Compliance Report (09-AFC-5C)

Additional submitted attachment is included below.

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 2-26-23 Operator: ERICK

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SE Unit 1	B1-1	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SE Unit 2	B1-2	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters	B1-3	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF	B1-4	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF	B1-5	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Fro	B1-6	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps	B1-7	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters	B1-8	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Fro	B1-9	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil	B1-10	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Station	B1-11	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings	B1-12	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area	B2-2	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure	B2-1'	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area	B2-5	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> N <input type="checkbox"/>	
5	Over-flow Tanks	B2-6	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area	B2-6	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West	B2-7	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area	B2-4	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> N <input type="checkbox"/>	
9	Over-flow AFFF	B2-8	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel A/T	B2-3	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	26	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	26	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	0	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices	B4-3	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Decontrol Room	B4-4	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	<input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
2	Bearing 2	<input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
3	Bearing 4	<input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
4	Bearing 5	<input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	

HTF Deluge System Valves (These are to be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	<input type="checkbox"/> N <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
2	MP-200A	<input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
3	MP-200B	<input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
4	MP-200C	<input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
5	MP-200D	<input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	145	0	<input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Driv Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
2	Maintenance Shop Drive Way #8	O/C <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
3	West Side Power Block by VS-3 # 9	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
4	West Side Power Block by VS-1 # 10	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
5	West side Cooling Tower by VS-1 # 11	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
6	West side Cooling Tower by VS-4 # 12	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
7	N.W. Corner Chemical Storage #1	O/C <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
8	N.E. Corner Chemical Storage # 2	O/C <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
9	East Side W.T. by Multi-media Filters # 3	O/C <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
10	East Side W.T. by Multi-media filters # 5	O/C <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
11	North Side Bldg 10 # 6	O/C <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
12	Between MP-444's and Water Treat # 4	O/C <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
13	West Side Power Block Valve Shed #1	O/C <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions	FO-08M-16V-134
1	Transformer Yard Refuse Check	<input checked="" type="checkbox"/>	10/24/2019	sgt ar 1

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 2-26-23 Operator: TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 31-1	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 31-2	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters 31-3	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF 31-4	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF 31-5	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro 31-6	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps 31-7	0	X/C	Y	Y <input checked="" type="checkbox"/> V <input type="checkbox"/>	
8	HTF Heaters 31-8	0	X/C	Y	Y <input checked="" type="checkbox"/> V <input type="checkbox"/>	
9	South Steel Pro 31-9	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil 31-10	0	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
11	Turbine Hose Stations 31-11	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings 31-12	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels 32-1	0	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
2	Ullage Area 32-2	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure 32-11	0	O/X	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
4	Rack 1 Middle Area 32-5	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks 32-9	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area 32-6	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West 32-7	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area 32-4	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF 32-8	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF 32-3	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	145	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	140	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	145	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room 34-5	145	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices 34-3	145	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room 34-4	145	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED
2	MP-200A	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
5	MP-200D	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	180	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/X			
2	Maintenance Shop Drive Way #8	X/C			
3	West Side Power Block by VS-3 # 9	X/C			
4	West Side Power Block by VS-1 # 10	O/X			
5	West Side Cooling Tower by VS-4 # 11	X/C			
6	West side Cooling Tower by VS 4 # 12	X/C			
7	N.W. Corner Chemical Storage #1	O/X			
8	N.E. Corner Chemical Storage # 2	X/C			
9	East Side W.T. by Multimedia Filters # 3	X/C			
10	East Side W.T. by Multimedia Filters # 5	X/C			
11	North Side Bldg 10 # 6	X/C			
12	Between MP 444's and Water Treat # 4	O/X			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 2-18-23
Operator: Erick	*To be completed each time unit is operated.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 164	
Pump Suction Pressure: n/a	Pump Discharge pressure: 164
Comments:	
Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145	
Start time: 18:20	
Pump Suction Pressure: 11	Pump Discharge pressure: 150
Stop time: 19:30	Total time running 10
Comments: packing leak.	
Diesel Pump	
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>	
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yu	Monthly Fuel Consumption:
Battery volt Crank 1: 27.3	Battery volt Crank 2: 27.3
Battery Condition: Good	
Starting hour meter: 121.0	Start time: 18:30
Oil pressure start: 54 ps.	Oil Pressure finish: 42
Pump Suction Pressure: 10	Pump Discharge pressure: 160
Coolant temperature after 30 minutes running: 190	
Stop time: 18:40	Stop hour meter: 121
Total run time: 10	January 1 st hour meter: Total YTD hours:
Comments: Water Jacket CODE Air Cooler Alarm	
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<small>his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</small>	
<small>Note: Fuel consumption 27 gal/h approximately.</small>	
<small>There is no limit on engine operation for emergency use. II to 17 CFR 99.10.6(a)(4).</small>	

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 2-17-23 Operator: TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Proc B1-6	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters B1-8	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Proc B1-9	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	0	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
11	Turbine Hose Stations B1-11	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	0	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
2	Ullage Area B2-2	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-3	0	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
4	Rack 1 Middle Area B2-4	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-9	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFI B2-3	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	110	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	140	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	140	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	140	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED
2	MP-202A	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED
3	MP-202B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
4	MP-202C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
5	MP-202D	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	180	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/X			
2	Maintenance Shop Drive Way #8	X/C			
3	West Side Power Block by VS-3 # 9	X/C			
4	West Side Power Block by VS-1 # 10	O/X			
5	West Side Cooling Tower by VS-4 # 11	X/C			
6	West side Cooling Tower by VS-4 # 12	X/C			
7	N.W. Corner Chemical Storage #1	O/X			
8	N.E. Corner Chemical Storage #2	X/C			
9	East Side W.T. by Multimedia Filters # 3	X/C			
10	East Side W.T. by Multimedia Filters # 5	X/C			
11	North Side Bldg 10 # 6	X/C			
12	Between MP 444 and Water Treat # 4	O/X			
13	West Side Power Block Valve Shed # 1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Dbrts	Trkrs	Date	Comments / Actions
1	Transformer Yard Refurb Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	02/24/2019	Transformer repair

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 2-17-23 Operator: Tyone

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West I TF B1-4	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East I TF B1-5	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HIF Pumps B1-7	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HIF Heaters B1-8	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Inse Stations B1-11	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Jillage Area B2-2		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Jillage Strichurn B2-3		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-4		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-9		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-10		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	30	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	30	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B5-1	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B5-2	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B5-3	0	VOIC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	VOIC	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	VOIC	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	VOIC	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	VOIC	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	145	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	✓		
2	Maintenance Shop Drive Way #8	O/C	✓		
3	West Side Power Block by VS-3 # 3	VOIC	✓		
4	West Side Power Block by VS-1 # 10	VOIC	✓		
5	West Side Cooling Tower by VS-4 # 11	O/C	✓		
6	West side Cooling Tower by VS-1 # 12	VOIC	✓		
7	N.W. Corner Chemical Storage # 1	O/C	✓		
8	N.E. Corner Chemical Storage # 2	O/C	✓		
9	East Side W.T. by Multimecia # 3	O/C	✓		
10	East Side W.T. by Multimecia # 5	O/C	✓		
11	North Side Bldg 10 # 6	O/C	✓		
12	Between MP-44's and Watry Treat # 4	O/C	✓		
13	West Side Power Block Valve Shed # 1	VOIC	✓		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Date	Page	Comments / Actions	FO-02M-MJV-104
1	Transformer Yard Failure Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	02/24/2019	Page 1 of 1		

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 2-10-23		
Operator: Erick	*To be completed each time unit is operated.		
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>			
Jockey Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Check the jockey pump on pressure drop. Start up pressure: 155			
Discharge Pressure: 162			
Pump Suction Pressure: N/A	Pump Discharge pressure: 162		
Comments:			
Electric Pump			
Pre start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Start the pump on pressure drop. Start up pressure: 145			
Start time: 19:30			
Pump Suction Pressure: 11	Pump Discharge pressure: 152.		
Stop time: 19:36	Total time running: 6		
Comments: pin hole on east packing.			
Diesel Pump			
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>			
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 1/4	Monthly Fuel Consumption:		
Battery volt Crank 1: 27.3	Battery volt Crank 2: 27.3	Battery Condition: Good	
Starting hour meter: 120.8	Start time: 19:40		
Oil pressure start: 63 psi	Oil Pressure finish: 42 psi		
Pump Suction Pressure: 12	Pump Discharge pressure: 160		
Coolant temperature after 30 minutes running: 15			
Stop time: 19:55	Stop hour meter: 121.0	Total run time: 15	January 1 st hour meter: Total YTD hours:
Comments: Filter Alarm			
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption 27 gal/hr approximately.</p> <p>There is no limit on engine operation for emergency use. [Title 17 CCR 33115-616(4)]</p>			

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 02-09-23 Operator: TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 31-1	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 31-2	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters 31-3	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF 31-4	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF 31-5	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro 31-6	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps 31-7	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters 31-8	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro 31-9	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil 31-10	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations 31-11	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings 31-12	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels 32-1	60	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
2	Ullage Area 32-2	65	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
3	Ullage Structure 32-1	0	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
4	Rack 1 Middle Area 32-5	60	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks 32-9	60	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area 32-6	65	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West 32-7	60	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area 32-4	60	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF 32-8	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF 32-3	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer A/C	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	165	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room 34-5	165	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices 34-3	165	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room 34-4	165	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED
2	MP-200A	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED
3	VP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
5	MP-200D	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	18	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/X			
2	Maintenance Shop Drive Way #8	X/C			
3	West Side Power Block by VS-3 # 9	X/C			
4	West Side Power Block by VS-1 # 10	O/X			
5	West Side Cooling Tower by VS-4 # 11	X/C			
6	West side Cooling Tower by VS-4 # 12	X/C			
7	N.W. Corner Chemical Storage #1	O/X			
8	N.E. Corner Chemical Storage #2	X/C			
9	East Side W.T. by Multimedia Filters # 3	X/C			
10	East Side W.T. by Multimedia Filters # 5	X/C			
11	North Side Bldg 10 # 6	X/C			
12	Between MP-444's and Water Treat # 4	O/X			
13	West Side Power Block Valve Shed #1	O/X			

To Be Cycled First Saturday of Every Month

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 2-11-23 Operator: *Throne*

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Lin 1	31-1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
2	SG Lin 2	31-2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
3	Reheaters	31-3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
4	Rack 2 West -TF	31-4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
5	Rack 2 East -TF	31-5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
6	North Steel Pro	31-6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
7	HTF Pumps	31-7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
8	HTF Heaters	31-8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
9	South Steel Pro	31-9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
10	Lube Oil	31-10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
11	Turbine Hose Stations	31-11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
12	Turbine Bearings	31-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	32-1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
2	Ullage Area	32-2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
3	Ullage Structure	32-11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
4	Rack 1 Middle Area	32-3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
5	Overflow Tanks	32-9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
6	Rack 1 South Area	32-6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
7	Rack 1 West	32-7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
8	Rack 1 North Area	32-4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
9	Overflow AFFF	32-8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
10	Expansion Vessel AFFF	32-5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
2	Transformer Main	30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	30-5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
2	Oil Des	30-4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
3	Electrical Room	30-2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2	Bearing 3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
3	Bearing 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
4	Bearing 5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2	MP-200A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
3	MP-200B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
4	MP-200C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
5	MP-200D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	150	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
2	Maintenance Shop Drive Way #8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
3	West Side Power Block by VS-3 # 9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
4	West Side Power Block by VS-1 # 10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
5	West Side Cooling Tower by VS-4 # 11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
6	West side Cooling Tower by VS-4 # 12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
7	N.W. Corner Chemical Storage # 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
8	N.E. Corner Chemical Storage # 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
9	East Side W.T. by Multi-media Filters # 3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
10	East Side W.T. by Multi-media Filters # 5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
11	North Side Bldg 10 # 6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
12	Between M-144's and Water Treat # 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
13	West Side Power Block Valve Shed #1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Date	Page	Comments / Actions	FC-08M.M.A-104
1	transformer Yard Refuse Check	<input checked="" type="checkbox"/>	09/24/2019	Page 1 of 1		

Fire Pump Weekly Test Log

General Information				
Plant:	Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date:	2-4-23
Operator:	Tyronne		*To be completed each time unit is operated.	
Reason for running pumps:	Weekly test <input checked="" type="checkbox"/>	Maintenance <input type="checkbox"/>	Emergency <input type="checkbox"/>	
Jockey Electric Pump				
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure:	155			
Discharge Pressure:	165			
Pump Suction Pressure:	N/A		Pump Discharge pressure:	165
Comments:				
Electric Pump				
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure:	164			
Start time:	2425			
Pump Suction Pressure:	10		Pump Discharge pressure:	150
Stop time:	2435		Total time running	10 min
Comments:				
Diesel Pump				
Pre-start Inspection:	Coolant <input checked="" type="checkbox"/>	Oil <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>
Fuel level > 2/3:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Monthly Fuel Consumption:	
Battery volt Crank 1:	26	Battery volt Crank 2:	26	Battery Condition: Normal
Starting hour meter:	120.5		Start time:	2430
Oil pressure start:	64		Oil Pressure finish:	41
Pump Suction Pressure:	15		Pump Discharge pressure:	160
Coolant temperature after 30 minutes running:	192			
Stop time:	Stop hour meter:	Total run time:	January 1 st hour meter:	Total YTD hours:
Comments:	Air cool Temp too high; out of range			
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).				
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low line water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption at 27 gal/h approximately.</p> <p>See also NFPA 11 on engine operation for emergency use. (Title 17 CFR 93.115.6(a)(4))</p>				

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 2-3-23 Operator: Brick C

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters 11-8		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10		✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
11	Turbine Hose Stations B1-11		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1		✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Ullage Area B2-2		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-1*		✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 1 Middle Area B2-5		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-3		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-4		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over flow AFFF B2-8		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-3		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C	1		
4	West Side Power Block by VS-1 # 10	O/C ✓			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	O/C ✓			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	East Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP-141's and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Rust Check	<input type="checkbox"/> <input checked="" type="checkbox"/>	1/18/2023 1/12/2019

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 2-2-23 Operator: TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit-1	B1-1	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	SG Unit-2	B1-2	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Reheaters	B1-3	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West IIT	B1-4	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East IIT	B1-5	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pn	B1-6	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	IIT Pumps	B1-7	0	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NOT LOCKED
8	HTF Isolators	B1-8	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pn	B1-9	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	B1-10	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
11	Turbine Hscr Stations	B1-11	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	B1-12	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Ullage Area	B2-2	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Ullage Stratum	B2-3	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 M Pn Area	B2-4	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Over-flow Tanks	B2-5	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	B2-6	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	B2-7	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	B2-8	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	Over-flow AFFF	B2-9	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFFF	B2-10	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	30	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	30	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	0	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Offices	B4-1	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Flammable Room	B4-4	0	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
3	Bearing 4	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED
4	Bearing 5	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
3	MP-200B	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	145	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	N		
2	Maintenance Shop Drive Way #8	O/C	N		
3	West Side Power Block by VS-3 # 9	X/C	Y	2-2-23	
4	West Side Power Block by VS-1 # 10	X/C	Y	2-2-23	
5	West Side Cooling Tower by VS-4 # 11	X/C	Y	2-2-23	
6	West side Cooling Tower by VS-4 # 12	X/C	Y	2-2-23	
7	NW Corner Chemical Storage #1	O/C	N		
8	NE Corner Chemical Storage #2	O/C	N		
9	East Side W.T. by Multi-media Filters # 3	O/C	N		
10	East Side W.T. by Multi-media Filters # 5	O/C	N		OUT OF GROUND
11	North Side Bldg 10 # 6	O/C	N		
12	Between NF-144's and Water Treat # 4	O/C	N		
13	West Side Power Block Valve Shed # 1	X/C	N		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions	FC-08M-MJV-104
1	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/>		

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 3-6-23
Operator: Caleb Sowards	*To be completed each time unit is operated.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 165	
Pump Suction Pressure: 20	Pump Discharge pressure: 165
Comments:	
Electric Pump	
Pre start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145	
Start time: 0341 0341	
Pump Suction Pressure: 20	Pump Discharge pressure: 164
Stop time: 0351	Total time running 10min
Comments:	
Diesel Pump	
Pre start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>	
Fuel level > 2/3: Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Monthly Fuel Consumption:
Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: good
Starting hour meter: 121.0	Start time: 0355
Oil pressure start: 69	Oil Pressure finish: 42
Pump Suction Pressure: 20	Pump Discharge pressure: 155
Coolant temperature after 30 minutes running: 181	
Stop time: 0425 Stop hour meter: 121.5 Total run time: 3min	January 1 st hour meter: 119.8 Total YTD hours: 1.7
Comments:	
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p>This new diesel driven fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and combustion demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA), 25th Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption 27 gal/hr approx. max.</p> <p>There is no limit on engine operation for emergency use. Title 17 CCR 9811.5.6(a)(6)(i)</p>	

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3/4/23 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 <u>B1-1</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	0/5
2	SG Unit 2 <u>B1-2</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
3	Reheaters <u>B1-3</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
4	Rack 2 West HTF <u>B1-4</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
5	Rack 2 East HTF <u>B1-5</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
6	North Steel Pro <u>B1-6</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
7	HTF Pumps <u>B1-7</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
8	HTF Heaters <u>B1-8</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
9	South Steel Pro <u>B1-9</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
10	Lube Oil <u>B1-10</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
11	Turbine Hose Stations <u>B1-11</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
12	Turbine Bearings <u>B1-12</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels <u>B2-1</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	0/5
2	Ullage Area <u>B2-2</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
3	Ullage Structure <u>B2-11</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
4	Rack 1 Middle Arm <u>B2-3</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
5	Overflow Tanks <u>B2-9</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
6	Rack 1 South Area <u>B2-6</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
7	Rack 1 West <u>B2-7</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
8	Rack 1 North Area <u>B2-4</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
9	Over flow AFFF <u>B2-8</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	
10	Expansion Vessel AFFF <u>B2-3</u>		O/C		<input type="checkbox"/> <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	<u>160</u>	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	
2	Transformer Main	<u>155</u>	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	<u>160</u>	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room <u>B4-5</u>	<u>170</u>	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	
2	Offices <u>B4-3</u>	<u>165</u>	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	
3	Electrical Room <u>B4-4</u>	<u>165</u>	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
2	Bearing 3	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
3	Bearing 4	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
4	Bearing 5	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
2	MP-200A	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
3	MP-200B	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
4	MP-200C	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
5	MP-200D	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	<u>185</u>	<u>Open</u>	<input type="checkbox"/> <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
2	Maintenance Shop Drive Way #6	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
3	West Side Power Block by VS 3 # 9	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
4	West Side Power Block by VS-1 # 10	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
5	West Side Cooling Tower by VS-4 # 11	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
6	West side Cooling Tower by VS-4 # 12	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
7	N.W. Corner Chemical Storage #1	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
8	N.E. Corner Chemical Storage #2	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
9	East Side W.T. by Multimedia Filters # 3	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
10	East Side W.T. by Multimedia Filters # 5	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
11	North Side Bldg #C # 6	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
12	Between MP-444's and Water Treat # 4	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
13	West Side Power Block Valve Shed #1	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		

To Be Cycled First Saturday of Every Month

No.	System	Debris	291	Comments / Actions	G70-16-0040-MT-FOR-000027
1	Transformer Yard Refuse Check	<input type="checkbox"/> <input type="checkbox"/>	51	TRAVELING 03/27/2013	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3-9-23 Operator: TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTH B1-4	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East LTF B1-5	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Stea. Frc B1-6	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	LTF Pumps B1-7	0	B/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
8	HTF Heaters B1-8	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Lubrication Hose Stations B1-11	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Lubrication Bearings B1-12	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-3	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-4	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-9	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessels AHT B2-10	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	30	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	30	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	0	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	0	B/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	B/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	B/C	
3	Bearing 4	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	B/C	NOT LOCKED
4	Bearing 5	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	B/C	NOT LOCKED

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	B/C	NOT LOCKED
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	B/C	
3	MP-200B	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	B/C	NOT LOCKED
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	B/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	B/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	145	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	N	-	
2	Maintenance Shop Drive Way #8	O/C	N	-	
3	West Side Power Block by VS-2 # 9	B/C	Y	3-9	
4	West Side Power Block by VS-1 # 10	B/C	Y	3-9	
5	West Side Cooling Tower by VS-4 # 11	B/C	Y	3-9	
6	West side Cooling Tower by VS-4 # 12	B/C	Y	3-9	
7	N.W. Corner Chemical Storage #1	O/C	N	-	
8	N.E. Corner Chemical Storage # 2	O/C	N	-	
9	East Side WT. by Multimed Filters # 3	O/C	N	-	OUT OF THE GROUND
10	East Side WT. by Multimed Filters # 5	O/C	N	-	
11	North Side Bldg 10 # 6	O/C	N	-	
12	Between MP-44's and Water Treat # 4	O/C	N	-	
13	West Side Power Block Valve Shed #1	B/C	N	-	

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refurb Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	3/12/2019 Page 1 of 1

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3/10/23 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	31-1	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2	31-2	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters	31-3	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF	31-4	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF	31-5	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro	31-6	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps	31-7	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters	31-8	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro	31-9	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil	31-10	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Inlet Station	31-11	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings	31-12	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	

O/S

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessel	B2-1	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Lilage Area	B2-2	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Lilage Structure	B2-3	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area	B2-4	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks	B2-5	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area	B2-6	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West	B2-7	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area	B2-8	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
9	Overflow ATFF	B2-9	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel ATFF	B2-10	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	

O/S

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	O/C		Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	O/C		Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	165	O/C		Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	165	O/C		Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices	165	O/C		Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room	160	O/C		Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	185	open	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS-4 # 11	O/C			
6	West side Cooling Tower by VS-4 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage #2	O/C			
9	East Side W.T. by Multi-media Filters # 3	O/C			
10	East Side W.T. by Multi-media Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	03/21/2019

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 3-19-23
Operator: TRAVIS	*To be completed each time unit is operated.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155 psi	
Discharge Pressure: 165	
Pump Suction Pressure: N/A	Pump Discharge pressure: N/A
Comments:	
Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145 psi	
Start time: 0630	
Pump Suction Pressure: 15 psi	Pump Discharge pressure: 150 psi
Stop time: 0640	Total time running 10 Min
Comments:	
Diesel Pump	
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>	
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Monthly Fuel Consumption:
Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.7	Battery Condition: Good
Starting hour meter: 121.1	Start time: 0651
Oil pressure start: 63	Oil Pressure finish:
Pump Suction Pressure: 150 psi	Pump Discharge pressure: 150 psi
Coolant temperature after 30 minutes running: 194	
Stop time: 0724 Stop hour meter: 122.1 Total run time: 30 Min	January 1 st hour meter: Total YTD hours:
Comments:	
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for in-ba start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA), 25- "Standards for the Inspection, Testing and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: fuel consumption 27 gal/h approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17, CCR 95113.6(a)(6))</p>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3-19-23 Operator: TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	SG Unit 2 B1-2	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Reheaters B1-3	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 2 West HTF B1-4	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Rack 2 East HTF B1-5	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	North Steel Pro B1-6	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	HTF Pumps B1-7	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	HTF Heaters B1-8	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	South Steel Pro B1-9	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Lube Oil B1-10	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
11	Turbine Hose Stations B1-11	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
12	Turbine Bearings B1-12	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	60	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Ullage Area B2-2	70	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Ullage Structure B2-3	0	O/B	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 1 Middle Area B2-4	70	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Overflow Tanks B2-5	60	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	Rack 1 South Area B2-6	60	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	Rack 1 West B2-7	60	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	Rack 1 North Area B2-8	60	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	Overflow AFFF B2-9	60	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Expansion Vessel AFFF B2-10	70	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	116.5	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Transformer Main	116.0	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	170	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-1	116.5	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Offices B4-2	116.5	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Electrical Room B4-3	116.5	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	
2	MP-200A	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
5	MP-200D	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	175	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/B	N		
2	Maintenance Shop Drive Way #8	X/C	N		
3	West Side Power Block by VS-3 # 9	X/C	N		
4	West Side Power Block by VS-1 # 10	O/B	N		
5	West Side Cooling Tower by VS-4 # 11	X/C	N		
6	West side Cooling Tower by VS-4 # 12	X/C	N		
7	N.W. Corner Chemical Storage #1	O/B	N		
8	N.E. Corner Chemical Storage # 2	X/C	N		
9	East Side W.T. by Multimedia Filters # 3	X/C	N		
10	East Side W.T. by Multimedia Filters # 5	X/C	N		
11	North Side Bldg 10 # 6	O/B	N		
12	Between MP-442's and Water Treat # 4	O/B	N		
13	West Side Power Block Valve Shed #1	O/C	N		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Transformer Repair

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date: 3.26.23	
Operator: TROWIS		*To be completed each time unit is operated.	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>			
Jockey Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Check the jockey pump on pressure drop. Start up pressure: 155			
Discharge Pressure: 155			
Pump Suction Pressure:		Pump Discharge pressure:	
Comments:			
Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Start the pump on pressure drop. Start up pressure: 145			
Start time: 0619			
Pump Suction Pressure: 15		Pump Discharge pressure: 150	
Stop time: 0629		Total time running 10 Mins	
Comments:			
Diesel Pump			
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>			
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Monthly Fuel Consumption:	
Battery volt Crank 1: 26.6		Battery Condition: Good	
Starting hour meter: 122.1		Start time: 0630	
Oil pressure start: 66		Oil Pressure finish: 1	
Pump Suction Pressure: 15		Pump Discharge pressure: 150	
Coolant temperature after 30 minutes running: 199			
Stop time: 0648		Stop hour meter: 122.4	
Total run time: 18 Mins		January 1 st hour meter: Total YTD hours:	
Comments: High temp alarm			
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-1 Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption 27 gal/h approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CCR 93113.5(a)(4))</p>			

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3-24-23 Operator: TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	X/C	Y	Y X N <input type="checkbox"/>	
2	SG Unit 2 B1-2	157	X/C	Y	Y X N <input type="checkbox"/>	
3	Reheaters B1-3	160	X/C	Y	Y X N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	157	X/C	Y	Y X N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	155	X/C	Y	Y <input type="checkbox"/> N X <input checked="" type="checkbox"/>	NOT LOCKED
6	North Steel Pro B1-6	160	X/C	Y	Y X N <input type="checkbox"/>	
7	HTF Pumps B1-7	160	X/C	Y	Y X N <input type="checkbox"/>	
8	HTF Heaters B1-8	155	X/C	Y	Y X N <input type="checkbox"/>	
9	South Steel Pro B1-9	165	X/C	Y	Y X N <input type="checkbox"/>	
10	Lube Oil B1-10	155	X/C	Y	Y X N X <input checked="" type="checkbox"/>	NOT LOCKED
11	Turbine Hose Stations B1-11	0	O/C	Y	Y <input type="checkbox"/> N X <input checked="" type="checkbox"/>	NOT LOCKED, CLOSED
12	Turbine Bearings B1-12	155	X/C	Y	Y X N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	O/C	Y	Y <input type="checkbox"/> N X <input checked="" type="checkbox"/>	NOT LOCKED
2	Ulage Area B2-2	0	O/C	Y	Y X N <input type="checkbox"/>	CLOSED
3	Ulage Structure B2-3	0	O/C	Y	Y X N <input type="checkbox"/>	CLOSED
4	Rack 1 Middle Area B2-4	165	X/C	Y	Y <input type="checkbox"/> N X <input checked="" type="checkbox"/>	NOT LOCKED
5	Overflow Tanks B2-5	165	X/C	Y	Y X N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	165	X/C	Y	Y X N <input type="checkbox"/>	
7	Rack 1 West B2-7	165	X/C	Y	Y X N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	165	X/C	Y	Y X N <input type="checkbox"/>	
9	Overflow AFFF B2-9	165	X/C	Y	Y X N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-10	165	X/C	Y	Y X N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	X/C	Y	Y X N <input type="checkbox"/>	
2	Transformer Main	160	X/C	Y	Y X N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	X/C	Y	Y <input type="checkbox"/> N X <input checked="" type="checkbox"/>	NOT LOCKED

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room B4-1	165	X/C	Y	Y X N <input type="checkbox"/>	
2	Offices B4-2	165	X/C	Y	Y X N <input type="checkbox"/>	
3	Electrical Room B4-3	165	X/C	Y	Y X N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 1	Y X N <input type="checkbox"/>	X/C	
2	Bearing 2	Y X N <input type="checkbox"/>	X/C	
3	Bearing 3	Y X N <input type="checkbox"/>	X/C	
4	Bearing 4	Y X N <input type="checkbox"/>	X/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N X <input checked="" type="checkbox"/>	X/C	NOT LOCKED
2	MP-200A	Y <input type="checkbox"/> N X <input checked="" type="checkbox"/>	X/C	NOT LOCKED
3	MP-200B	Y X N <input type="checkbox"/>	X/C	
4	MP-200C	Y X N <input type="checkbox"/>	X/C	
5	MP-200D	Y <input type="checkbox"/> N X <input checked="" type="checkbox"/>	X/C	NOT LOCKED

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	170	0	Y X N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #1	O/C	N		
2	Maintenance Shop Drive Way #2	X/C	N		
3	West Side Power Block by VS-3 # 9	X/C	N		
4	West Side Power Block by VS-1 # 10	X/C	N		
5	West Side Cooling Tower by VS-4 # 11	X/C	N		
6	West side Cooling Tower by VS-4 # 12	X/C	N		
7	N.W. Corner Chemical Storage #1	X/C	N		
8	N.E. Corner Chemical Storage #2	X/C	N		
9	East Side W.T. by Multimedia Filters # 3	X/C	N		
10	East Side W.T. by Multimedia Filters # 5	X/C	N		
11	North Side Bldg 10 # 6	X/C	N		
12	Between MP 444 s and Water Treat # 4	O/C	N		
13	West Side Power Block Valve Shed #1	O/C	N		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y <input type="checkbox"/> N <input type="checkbox"/>	297 Transformer repair

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3/19/23 Operator: *[Signature]*

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 31-1	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 31-2	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters 31-3	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West -TF 31-4	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East -TF 31-5	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Murphy Steel Pro 31-6	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HIF Pumps 31-7	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters 31-8	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Scrull Steel Pro 31-9	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil 31-10	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Inse Stations 31-11	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings 31-12	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels 32-1	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area 32-2	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure 32-11	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area 32-5	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks 32-9	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area 32-6	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West 32-7	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area 32-4	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF 32-8	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF 32-3	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	25	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	25	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
-	Cooling Tower West Side	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
-	Control Room 34-5	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices 34-3	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room 34-4	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	175	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	O/C ✓			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	O/C ✓			
8	N.E. Corner Chemical Storage #2	O/C ✓			
9	East Side W.T. by Multimedia Filters # 3	O/C ✓			
10	East Side W.T. by Multimedia Filters # 5	O/C ✓			
11	North Side Bldg 10 # 6	O/C ✓			
12	Reheaters MP-444's and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Return Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3/31/23 Operator: _____

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West -TF B1-4		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East -TF B1-5		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Stee Pro B1-6		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
8	HTF Heaters B1-8		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Case Stations B1-11		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ulage Area B2-2		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	PIV SHUT
3	Ulage Structure B2-11		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-3		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-4		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over-flow AFFF B2-8		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-5		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	30	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	30	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	150	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical room B4-4		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

Nn.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	150	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	✓		
2	Maintenance Shop Drive Way #8	O/C	✓		
3	West Side Power Block by VS-3 #9	✓ O/C			
4	West Side Power Block by VS-1 #10	✓ O/C			
5	West Side Cooling Tower by VS-4 #11	✓ O/C			
6	West side Cooling Tower by VS-4 #12	✓ O/C			
7	N.W. Corner Chemical Storage #1	O/C	✓		
8	N.E. Corner Chemical Storage #2	O/C	✓		
9	East Side W. T. by Multi-media Filters #3	O/C	✓		
10	East Side W. T. by Multi-media Filters #5	O/C	✓		
11	North Side Bldg 10 #6	O/C	✓		
12	Between M ² 444's and Water Trail #4	O/C	✓		
13	West Side Power Block Valve Shed #1	13	✓ O/C		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y <input type="checkbox"/> N <input type="checkbox"/>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3/26/23 Operator: E. [Signature]

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West - Ti B1-4	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East - TF B1-5	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	-TF Pumps B1-7	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	-TF Reheaters B1-8	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations 3" 11	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessel B2-1	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-3	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-4	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over Flow AFFF B2-9	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
-	Cooling Tower West Side	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room B4-3	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	15#	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C X			
2	Maintenance Shop Drive Way #8	O/C X			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N/W. Corner Chemical Storage #1	O/C X			
8	N.E. Corner Chemical Storage # 2	O/C X			
9	East Side W.T. by Mult media Filters # 3	O/C X			
10	East Side W.T. by Mult media Filters # 5	O/C X			
11	North Side Bldg 10 # 4	O/C X			
12	Between MP 444's and Water Treat # 4	O/C X			
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
770-00040	MT-F08-000027 Automated Fire System Inspection Checklist.xls	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	300
-	Transformer Yard Re-use Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 4-10-23
Operator: Caleb Sowards	*to be completed each time unit is operated.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 170	
Pump Suction Pressure: 15	Pump Discharge pressure: 170
Comments:	
Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145	
Start time: 0335	
Pump Suction Pressure: 15	Pump Discharge pressure: *
Stop time: 0345	Total time running 10min
Comments:	
Diesel Pump	
Pre start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>	
Fuel level > 2/3: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 2/3	Monthly Fuel Consumption:
Battery volt Crank 1: 27 Battery volt Crank 2: 25	Battery Condition: good
Starting hour meter: 126.9	Start time: 0348
Oil pressure start: 57	Oil Pressure finish: 39
Pump Suction Pressure: 15	Pump Discharge pressure: 155
Coolant temperature after 30 minutes running: 187	
Stop time: 0418 Stop hour meter: 127.3	Total run time: 30min January 1 st hour meter: 126 Total YTD hours:
Comments:	
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 30 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 2013 Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption 27 gal/h approximately.</p> <p>There is no limit on engine operation for emergency use. [Title 17 CCR 93115(a)(4)]</p>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 4/18/23 Operator: Diego R.

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	150	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	150	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East H-F B1-5	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	-TF Pumps B1-7	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	-TF Drivers B1-8	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Spools 3-11	150	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	165	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-11	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	150	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-9	150	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	165	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	175	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-4	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFT B2-8	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFT B2-3	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	165	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	165	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	150	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	150	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
2	Bearing 3	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
3	Bearing 4	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
4	Bearing 5	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
2	MP-200A	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
3	MP-200B	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
4	MP-200C	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
5	MP-200D	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	190	0	Y <input type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Tower Block by VS-3 #9	O/C			
4	West Side Tower Block by VS-1 #10	O/C			
5	West Side Cooling Tower by VS-4 #11	O/C			
6	West side Cooling Tower by VS-1 #12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage #2	O/C			
9	East Side W.T. by Multimedia Filters #3	O/C			
10	East Side W.T. by Multimedia Filters #5	O/C			
11	North Side Bldg 10 #6	O/C			
12	Between MP-444's and Water Treat #4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Brush Check	Y <input type="checkbox"/> N <input type="checkbox"/>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 4-8-23 Operator: Ericka

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East H F B1-5	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	HTF Heaters B1-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-3	170	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Micelle Area B2-4		O/C ✓	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-9	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel A-FF B2-10	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Transformer Main	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	Fast Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP 442's and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	13 ✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y <input type="checkbox"/> N <input type="checkbox"/>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 4/11/23 Operator: Diego R

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters B1-8	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations 31-11	0	X O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-11	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	175	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-9	150	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	170	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	170	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-4	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over flow AFFF B2-8	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	165	✓ O/C	X	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	150	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	150	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
-	Fire Pump House Deluge	190	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	✓		
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 + 9	✓ O/C			
4	West Side Power Block by VS 1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	First Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP-444's and Water Treat # 4	X O/C	✓		
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
70	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 4-9-23	
Operator: Caleb Sowards		*To be completed each time unit is operated.	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>			
Jockey Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Check the jockey pump on pressure drop. Start up pressure: 155			
Discharge Pressure: 165			
Pump Suction Pressure: 15		Pump Discharge pressure: 165	
Comments:			
Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Start the pump on pressure drop. Start up pressure: 145			
Start time: 0156			
Pump Suction Pressure:		Pump Discharge pressure: 159	
Stop time: 0204		Total time running 10 min	
Comments:			
Diesel Pump			
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>			
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Monthly Fuel Consumption: 21/4	
Battery volt Crank 1: 27		Battery Condition: good	
Battery volt Crank 2: 2		Start time: 0205	
Starting hour meter: 122.8		Oil Pressure finish: 64 34	
Oil pressure start: 68		Pump Discharge pressure: 157	
Pump Suction Pressure: 15			
Coolant temperature after 30 minutes running: 184			
Stop time: 0235		Total run time: 30 min	
Stop hour meter: 123.2		January 1 st hour meter: 40	
Total YTD hours:			
Comments:			
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<small> This new diesel fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems (fourth edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. </small>			
<small> Note: Fuel consumption 27 gal/h approximately. </small>			
<small> There is no limit on engine operation for emergency use. (Title 17 CCR 83-15.616)(4) </small>			

Fire Pump Weekly Test Log

General Information			
Plant:	Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date:	
Operator:	Caleb Sowards	*To be completed each time unit is operated.	
Reason for running pumps:	Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>		
Jockey Electric Pump			
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Check the jockey pump on pressure drop. Start up pressure:	155		
Discharge Pressure:	165		
Pump Suction Pressure:	20	Pump Discharge pressure:	165
Comments:			
Electric Pump			
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Start the pump on pressure drop. Start up pressure:	145		
Start time:	0247 0247		
Pump Suction Pressure:	20	Pump Discharge pressure:	163
Stop time:	0257	Total time running	10min
Comments:			
Diesel Pump			
Pre-start Inspection:	Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>		
Fuel level > 2/3:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Monthly Fuel Consumption:	14
Battery volt Crank 1:	27.6	Battery volt Crank 2:	27
Starting hour meter:	122.4	Battery Condition:	good
Oil pressure start:	69	Oil Pressure finish:	44
Pump Suction Pressure:	15	Pump Discharge pressure:	155
Coolant temperature after 30 minutes running:	183		
Stop time:	0330	Stop hour meter:	122.8
Total run time:	30min	January 1 st hour meter:	
Total YTD hours:			
Comments:			
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis):			
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one week and no more than 10 hours per year for initial start up testing and demonstration demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption 27 gal/h approximately.</p> <p>Do not limit on engine operation for emergency use. (Title 17 CCR 5-115-6(a)(4)).</p>			

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 4-3-23 Operator: E. King

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steep Fris B1-6	466	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	-TF Pumps B1-7	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	-TF Heaters B1-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AHT B2-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AHT B2-10	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	170	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	locked door
2	Offices	B4-3	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	locked door
3	Electrical Room	B4-4	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	locked door

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	185	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Units Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C X			
2	Maintenance Shop Drive Way #6	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage #2	✓ O/C			
9	East Side W.T. by Multimedia Filters #3	✓ O/C			
10	East Side W.T. by Multimedia Filters #5	✓ O/C			
11	North Side Bldg 10 #6	✓ O/C			
12	Between MP-44C's and Water Treat #4	O/C X			
13	West Side Power Block Valve Stand #1	NA/O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Re-use Check	Y <input type="checkbox"/> N <input type="checkbox"/>	307

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 4-15-23
Operator: <u>Caleb Sowards</u>	*To be completed each time unit is operated.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: <u>155</u>	
Discharge Pressure: <u>165</u>	
Pump Suction Pressure: <u>15</u>	Pump Discharge pressure: <u>165</u>
Comments:	
Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: <u>145</u>	
Start time: <u>0226</u>	
Pump Suction Pressure: <u>15</u>	Pump Discharge pressure: <u>163</u>
Stop time: 0230 <u>0236</u>	Total time running <u>10min</u>
Comments:	
Diesel Pump	
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>	
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <u>1/4</u>	Monthly Fuel Consumption:
Battery volt Crank 1: <u>26</u> Battery volt Crank 2: <u>26</u>	Battery Condition: <u>good</u>
Starting hour meter: <u>123.2</u>	Start time: <u>0240</u>
Oil pressure start: <u>62</u>	Oil Pressure finish: <u>40</u>
Pump Suction Pressure: <u>15</u>	Pump Discharge pressure: <u>155</u>
Coolant temperature after 30 minutes running: <u>185</u>	
Stop time: <u>0310</u> Stop hour meter: <u>123.6</u> Total run time: <u>30min</u> January 1 st hour meter:	Total YTD hours:
Comments:	
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 2019 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: fuel consumption 27 gal/h approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CCR 93115.66(4))</p>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 4/15/23 Operator: Diego R

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	165	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters B1-8	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	165	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Tube Oil B1-10	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Arms B2-2	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-3	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-4	165	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	165	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-9	150	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-10	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	165	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	165	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	150	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	150	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	160	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	/ O/C			
2	Maintenance Shop Drive Way #8	/ O/C			
3	West Side Power Block by VS-3 # 9	/ O/C			
4	West Side Power Block by VS-1 # 10	/ O/C			
5	West Side Cooling Tower by VS-4 # 11	/ O/C			
6	West Side Cooling Tower by VS-4 # 12	/ O/C			
7	N.W. Corner Chemical Storage #1	/ O/C			
8	N.E. Corner Chemical Storage #2	/ O/C			
9	East Side W.T. by Multimedia Filters # 3	/ O/C			
10	East Side W.T. by Multimedia Filters # 5	/ O/C			
11	North Side Bldg 10 # 6	/ O/C			
12	Between MP-444's and Water Treat # 4	/ O/C			
13	West Side Power Block Valve Shed #1	/ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 4-23-22
Operator: Erick	*To be completed each time unit is operated.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 55	
Discharge Pressure: 163	
Pump Suction Pressure: N/A	Pump Discharge pressure: 163
Comments:	
Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145	
Start time: 19:40	
Pump Suction Pressure: 12	Pump Discharge pressure: 150
Stop time: 19:50	Total time running 10min
Comments:	
Diesel Pump	
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>	
Fuel level > 2/3: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Monthly Fuel Consumption:
Battery volt Crank 1: 27.1	Battery volt Crank 2: 27.1
Battery Condition: Good	Start time: 19:50
Starting hour meter: 127.8	Oil Pressure finish: 37
Oil pressure start: 63psi	Pump Discharge pressure: 160
Pump Suction Pressure: 15	
Coolant temperature after 30 minutes running: 216 10min	
Stop time: 20:00	Stop hour meter: 127.9
Total run time: 10min	January 1 st hour meter: Total YTD hours:
Comments: Change Air Cooler temp out of range	
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as its response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25- Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems* (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption 27 net/h approximately.</p> <p>*There is no limit on engine operation for emergency use. (Title 17, 17 CFR 931.5.6(a)(2))</p>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 4-28-23 Operator: Calabs

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SE Unit 1	B1-1	175	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	SE Unit 2	B1-2	180	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Reheaters	B1-3	200	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West HTF	B1-4	175	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East HTF	B1-5	185	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	B1-6	175	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	HTF Pumps	B1-7	175	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	HTF Heaters	B1-8	178	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	B1-9	190	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	B1-10	35	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
11	Turbine Hose Stations	B1-11	35	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	B1-12	70	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	175	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Ullage Area	B2-2	195	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Ullage Structure	B2-11	195	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	B2-5	180	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Overflow Tanks	B2-9	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	B2-6	185	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	B2-7	185	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	B2-4	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	Over flow AFFF	B2-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFFF	B2-3	175	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	170	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	180	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	30	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	175	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Offices	B4-3	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Floor Cal Room	B4-4	170	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	167	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	✓ O/C	no		
2	Maintenance Shop Drive Way #11	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-1 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage #2	✓ O/C			
9	East Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP-44's and Water Treat # 4	✓ O/C			
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	311

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 4/23/23		
Operator: Diego Rodriguez	*To be completed each time unit is operated.		
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>			
Jockey Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Check the jockey pump on pressure drop. Start up pressure: 155 psi			
Discharge Pressure: 165 psi			
Pump Suction Pressure: 20 psi	Pump Discharge pressure: 165 psi		
Comments:			
Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Start the pump on pressure drop. Start up pressure: 20 psi 145 psi			
Start time: 1408			
Pump Suction Pressure: 150 psi 20 psi	Pump Discharge pressure: 150 psi		
Stop time:	Total time running 10 mins.		
Comments: Needs new packing, water leaks (outboard packings)			
Diesel Pump			
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>			
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 1/4 fuel	Monthly Fuel Consumption:		
Battery volt Crank 1: 27 Battery volt Crank 2: 27	Battery Condition: Good		
Starting hour meter: 123.6	Start time: 1430		
Oil pressure start: 60 psi	Oil Pressure finish: 40 psi		
Pump Suction Pressure: 20 psi	Pump Discharge pressure: 168 psi		
Coolant temperature after 30 minutes running: 189 psi			
Stop time: 1500 Stop hour meter: 141.0 Total run time: 20 mins	January 1 st hour meter:	Total YTD hours:	
Comments:			
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis):			
<small> A new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as a response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 2019 Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems (current edition). The hours of operation for source testing will not be counted towards a tier of the allowable annual limits above. </small>			
<small> Note: Fuel consumption 27 gal / hr approximately. </small>			
<small> There is no limit on engine operation for emergency use. (Title 17 CCR 9311-6000) </small>			

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 4/22/13 Operator: Diego R.

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	150	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	150	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	-TF Pumps B1-7	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	-HTF Heaters B1-8	150	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	140	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-3	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-4	165	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5	140	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	145	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over Flow ATFF B2-9	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-10	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	150	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	155	/ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
2	MP-202A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
3	MP-202B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
4	MP-202C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	/ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	140	P	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Unic Cycled	Comments
1	Maintenance Shop Drive Way #7	/ O/C			
2	Maintenance Shop Drive Way #8	/ O/C			
3	West Side Power Block by VS-1 # 9	/ O/C			
4	West Side Power Block by VS-1 # 10	/ O/C			
5	West Side Cooling Tower by VS-4 # 11	/ O/C			
6	West side Cooling Tower by VS-4 # 12	/ O/C			
7	N.W. Corner Chemical Storage #1	/ O/C			
8	N.E. Corner Chemical Storage #2	/ O/C			
9	East Side W.T. by Multimedia Filters # 3	/ O/C			
10	East Side W.T. by Multimedia Filters # 5	/ O/C			
11	North Side Bldg 10 # 6	/ O/C			
12	Between MP-444's and Water Treat # 4	/ O/C			
13	West Side Power Block Valve Shed #1	/ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 5/27/23 Operator: Diego R.

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Jnit 1 31-1	150	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	SG Jnit 2 31-2	155	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Reheaters B1-3	155	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 2 West HTF B1-4	155	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Rack 2 East HTF B1-5	155	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	North Steel Flo B1-6	160	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	HTF Pumps 31-7	155	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	HTF Heaters 31-8	155	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	South Steel Pro B1-9	155	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Lube Oil B1-10	160	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
11	Turbine Hose Stations B1-11	155	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	160	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Ullage Area B2-2	165	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Ullage Structure B2-11	165	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 1 Middle Area B2-3	160	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Overflow Tanks B2-5	160	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	Rack 1 South Area B2-6	160	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	Rack 1 West B2-7	160	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	Rack 1 North Area B2-4	155	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	Overflow AFFF B2-8	160	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	155	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	165	O/C	N	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-1	160	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	160	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	160	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	O/C	
2	MP-200A	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	O/C	
3	MP-200B	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	O/C	
4	MP-200C	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	O/C	
5	MP-200D	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	O	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS-4 # 11	O/C			
6	West side Cooling Tower by VS-1 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W. by Multimetric Filters # 3	O/C			
10	East Side W. by Multimetric Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Dabris	Comments / Actions
1	Transformer Yard Refuse Check	Y <input type="checkbox"/> N <input type="checkbox"/>	

Fire Pump Weekly Test Log

General Information			
Plant:	Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date:	5/26/23
Operator:	Erick	*To be completed each time unit is operated.	
Reason for running pumps:	Weekly Test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>		
Jockey Electric Pump			
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Check the jockey pump on pressure drop. Start up pressure: 155			
Discharge Pressure: 162			
Pump Suction Pressure: N/A		Pump Discharge pressure: 162.	
Comments:			
Electric Pump			
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Start the pump on pressure drop. Start up pressure: 145.			
Start time: 21:05.			
Pump Suction Pressure: 12		Pump Discharge pressure: 150	
Stop time: 21:15		Total time running 10 min.	
Comments:			
Diesel Pump			
Pre-start Inspection:	Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>		
Fuel level > 2/3:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 1/4	Monthly Fuel Consumption:	
Battery volt Crank 1:	27.1	Battery volt Crank 2:	27.1
Starting hour meter: 124.9.		Battery Condition: Good, battery terminals 1st corrosion.	
Oil pressure start: 67		Start time: 21:16	
Pump Suction Pressure: 10		Oil Pressure finish: 40	
Coolant temperature after 30 minutes running: 203		Pump Discharge pressure: 160	
Stop time: 21:26		Stop hour meter: 125	
		Total time running: 10 min.	
Comments: High temp cool @ 203 shut down after 10 min			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as "in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</small>			
<small>Note: Fuel consumption 27 gal/h approximately.</small>			
<small>There is no limit on engine operation for emergency use. (Title 17, CCR 93115.5(a)(2))</small>			

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 5-20-23 Operator: TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	155	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
2	SG Unit 2 B1-2	155	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheater B1-3	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	155	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	140	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
6	North Steel Pro B1-6	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	155	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
8	HTF Heaters B1-8	155	O/C	X	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	140	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
11	Turbine Hase Station B1-11	155	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Willage Area B2-2	145	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Willage Structure B2-11	145	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-9	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	145	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	145	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-4	155	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-8	135	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling tower West Side	145	O/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	140	O/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	O/C	NOT LOCKED
2	MP-200A	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	O/C	NOT LOCKED
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
5	MP-200D	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	O/C	NOT LOCKED

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	170	O	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	N		
2	Maintenance Shop Drive Way #5	O/C	N		
3	West Side Power Block by VS-3 #9	O/C	N		
4	West Side Power Block by VS-1 #10	O/C	N		
5	West Side Cooling Tower by VS-4 #11	O/C	N		
6	West Side Cooling Tower by VS-4 #12	O/C	N		
7	N.W. Corner Chemical Storage #1	O/C	N		
8	N.E. Corner Chemical Storage #2	O/C	N		
9	East Side W.T. by Multimedia Filters #3	O/C	N		
10	East Side W.T. by Multimedia Filters #5	O/C	N		
11	North Side Bldg #1 #6	O/C	N		
12	Between MP-441 and Water Treat #4	O/C	N		
13	West Side Power Block Valve Shed #1	O/C	N		

To Be Cycled First Saturday of Every Month

No.	System	Debris	316	Comments / Actions
1	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		Transformer repair

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date: 5/23/23	
Operator: Anthony		*To be completed each time unit is operated.	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>			
Jockey Electric Pump			
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/>
Check the jockey pump on pressure drop. Start up pressure: 155			
Discharge Pressure: 162			
Pump Suction Pressure: —		Pump Discharge pressure: —	
Comments:			
Electric Pump			
Pre-start Inspection:	Electrical Feed <input type="checkbox"/>	Mechanical <input type="checkbox"/>	Valves <input type="checkbox"/>
Start the pump on pressure drop. Start up pressure:			
Start time:			
Pump Suction Pressure:		Pump Discharge pressure:	
Stop time:		Total time running	
Comments: Maintenance still adjusting Packing (Didn't run)			
Diesel Pump			
Pre-start Inspection:	Coolant <input checked="" type="checkbox"/>	Oil <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input type="checkbox"/>
Fuel level > 2/3:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Monthly Fuel Consumption: —	
Battery volt Crank 1: 26	Battery volt Crank 2: 26	Battery Condition: Good	
Starting hour meter: 124.6		Start time: 2258	
Oil pressure start: 1		Oil Pressure finish: 40	
Pump Suction Pressure: 20		Pump Discharge pressure: 150	
Coolant temperature after 30 minutes running: 196/overheating alarm came in after 20min			
Stop time: 2318	Stop hour meter: 124.9	Total time running: 20min	
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<p><small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current editions). The hours of operation for compliance testing will not be counted towards either of the allowable annual limits above.</small></p> <p><small>Note: Fuel consumption 27 gal/h approximately.</small></p> <p><small>There is no limit on engine operation for emergency use. Title 17 CCR 2019.668(x4)</small></p>			

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 5/14/23 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	SG Unit 2	B1-2	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Reheaters	B1-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West HTF	B1-4	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East HTF	B1-5	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	B1-6	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	HTF Pumps	B1-7	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	HTF Heaters	B1-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	B1-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Gas Oil	B1-10	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
11	Turbine - Case Stations	B1-11	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	B1-12	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 2 by Overflow

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Jillage Area	B2-2	170	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Jillage Structure	B2-3	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	B2-4	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Overflow Tanks	B2-5	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	B2-6	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	B2-7	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	B2-8	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	Overflow A-F	B2-9	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFFF	B2-10	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux		165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Transformer Main		160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side		165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	B4-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Offices	B4-2	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	B4-3	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
-	Fire Pump House Deluge	190	open	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
-	Maintenance Shop Drive Way #7	✓ O/C			
1	Maintenance Shop Drive Way #8	✓ O/C			
2	West Side Power Block by VS-1 # 9	✓ O/C			
3	West Side Power Block by VS-1 # 10	✓ O/C			
4	West Side Cooling Tower by VS-4 # 11	✓ O/C			
5	West side Cooling Tower by VS-4 # 12	✓ O/C			
6	N.W. Corner Chemical Storage #1	✓ O/C			
7	N.E. Corner Chemical Storage #2	✓ O/C			
8	East Side W.T. by Multimedia Fibers #3	✓ O/C			
9	East Side W.T. by Multimedia Fibers #5	✓ O/C			
10	North Side Bldg 10 #6	✓ O/C			
11	Between MP-444's and Water Treat #4	✓ O/C			
12	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Checks	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Fire Pump Weekly Test Log

General Information		
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 5-14-23	
Operator: E. Smith	*To be completed each time unit is operated	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>		
Jockey Electric Pump		
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Check the jockey pump on pressure drop. Start up pressure: 155 PSI		
Discharge Pressure: 165 PSI		
Pump Suction Pressure: —	Pump Discharge pressure: —	
Comments:		
Electric Pump		
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Start the pump on pressure drop. Start up pressure: 145 PSI		
Start time: 2316		
Pump Suction Pressure: 25 PSI	Pump Discharge pressure: 155 PSI	
Stop time: 2326	Total time running 10 min	
Comments:		
Diesel Pump		
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>		
Fuel level > 2/3: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Monthly Fuel Consumption:	
Battery volt Crank 1: 26.5	Battery volt Crank 2: 26.5	Battery Condition: Goodish
Starting hour meter: 124.5	Start time: 2329	
Oil pressure start: 7 PSI	Oil Pressure finish: 42 PSI after 11 min	
Pump Suction Pressure: 25 PSI	Pump Discharge pressure: 155 PSI	
Coolant temperature after 30 minutes running: 192 after 11 min		
Stop time: 2341	Stop hour meter: 124.6	Total time running: 11 min
Comments: Charge air cooler Alarm @ 2340		
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).		
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (2014 Edition). The hours of operation for engine testing will be counted towards either of the allowable annual limits above.</small>		
<small>No. 16 Fuel consumption: 27 gal/h (approximately).</small>		
<small>*There is no limit on engine operation for emergency use. (Title 17, CCR 38114.6(a)(4))</small>		

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 5/16/23 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2	B1-2	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters	B1-3	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West H/F	B1-4	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East H/F	B1-5	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel P/c	B1-6	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps	B1-7	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters	B1-8	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel P/c	B1-9	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Turbine Oil	B1-10	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations	B1-11	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings	B1-12	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Arms	B2-2	165	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure	B2-11	165	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area	B2-4	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks	B2-9	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area	B2-6	165	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West	B2-7	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area	B2-4	165	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow A-HF	B2-8	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF	B2-3	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main		155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side		165	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices	B4-3	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room	B4-4	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
2	Bearing 3	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
3	Bearing 4	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
4	Bearing 5	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
2	MP-200A	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
3	MP-200B	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
4	MP-200C	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	
5	MP-200D	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<input checked="" type="checkbox"/> O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	190	open	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	<input checked="" type="checkbox"/> O/C			
2	Maintenance Shop Drive Way #8	<input checked="" type="checkbox"/> O/C			
3	West Side Power Block by VS-3 # 9	<input checked="" type="checkbox"/> O/C			
4	West Side Power Block by VS-1 # 10	<input checked="" type="checkbox"/> O/C			
5	West Side Cooling Tower by VS-4 # 11	<input checked="" type="checkbox"/> O/C			
6	West side Cooling Tower by VS-4 # 12	<input checked="" type="checkbox"/> O/C			
7	N.W. Corner Chemical Storage #1	<input checked="" type="checkbox"/> O/C			
8	N.E. Corner Chemical Storage # 2	<input checked="" type="checkbox"/> O/C			
9	East Side W.T. by Multimedia Filters # 3	<input checked="" type="checkbox"/> O/C			
10	East Side W.T. by Multimedia Filters # 5	<input checked="" type="checkbox"/> O/C			
11	North Side Bldg 10 # 6	<input checked="" type="checkbox"/> O/C			
12	Between MP-444's and Water Treat # 4	<input checked="" type="checkbox"/> O/C			
13	West Side Power Block Valve Shop #1	<input checked="" type="checkbox"/> O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Ref. s: Check	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	320

Fire Pump Weekly Test Log

General Information		
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 5.5.23	
Operator: TRAVIS	*To be completed each time unit is operated.	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>		
Jockey Electric Pump		
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Check the jockey pump on pressure drop. Start up pressure: 155psi		
Discharge Pressure: 145psi		
Pump Suction Pressure: N/A Pump Discharge pressure: 145psi		
Comments:		
Electric Pump		
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Start the pump on pressure drop. Start up pressure: 145psi		
Start time: 2320 2320		
Pump Suction Pressure: 15psi Pump Discharge pressure: 150psi		
Stop time: 2320 2330 Total time running 10 mins		
Comments:		
Diesel Pump		
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>		
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 1/4 Monthly Fuel Consumption:		
Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.7		Battery Condition: Good
Starting hour meter: 124.3		Start time: 2332
Oil pressure start: 41		Oil Pressure finish:
Pump Suction Pressure: 150psi Pump Discharge pressure: 150psi		
Coolant temperature after 30 minutes running: 192		
Stop time: 2249 Stop hour meter: 124.5 Total time running: 17 mins		
Comments: Fault: Charge air cooler temp out of range; high		
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).		
<small> This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. </small>		
<small> Note: Fuel consumption 27 gal/h approx. model. </small>		
<small> There is no limit on engine operation for emergency use. (Title 17 CCR 93114.0024) </small>		

Fire Pump Weekly Test Log

General Information			
Plant:	Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date:	5-27-23
Operator:	TRAVIS	*To be completed each time unit is operated.	
Reason for running pumps:	Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>		
Jockey Electric Pump			
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Check the jockey pump on pressure drop. Start up pressure:			
Discharge Pressure:			
Pump Suction Pressure:		Pump Discharge pressure:	
Comments:			
Electric Pump			
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Start the pump on pressure drop. Start up pressure:			
Start time: 0036			
Pump Suction Pressure: 15 psi		Pump Discharge pressure: 150 psi	
Stop time: 0046		Total time running 10 min	
Comments:			
Diesel Pump			
Pre-start Inspection:	Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>		
Fuel level > 2/3:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 3/4	Monthly Fuel Consumption:	N/A
Battery volt Crank 1:	26.7	Battery volt Crank 2:	26.7
Starting hour meter: 1284		Battery Condition: Good	
Oil pressure start: 61 psi		Start time: 0047	
Oil Pressure finish: 39 psi			
Pump Suction Pressure: 15 psi		Pump Discharge pressure: 150 psi	
Coolant temperature after 30 minutes running: 200 210			
Stop time:	0058	Stop hour meter:	1285
Total run time:	11 min	January YTD hour meter:	
Total YTD hours:			
Comments:			
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstration. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 2019 Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems (in their edition). The hours of operation for source testing will not be counted towards either of the allowed annual limits above.</p> <p>Note: Fuel consumption 27 gal/h approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CCR 3311.5.6(a)(1))</p>			

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 5-27-23 Operator: Calob S.

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	70	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
2	SG Unit 2	65	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
3	Reheaters	95	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	Leak from pressure gage
4	Rack 2 West HTF	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
5	Rack 2 East HTF	170	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
6	North Steel Pro	170	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
7	HTF Pumps	205	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
8	HTF Heaters	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
9	South Steel Pro	165	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
10	ube Oil	41	<input checked="" type="checkbox"/> L/S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
11	Turbine Hose Stations	40	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
12	Turbine Bearings	65	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
2	L. Issue Area	262	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
3	Lillage Structure	205	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
4	Rack 1 Middle Area	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
5	Overflow Tanks	170	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
6	Rack 1 South Area	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
7	Rack 1 West	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
8	Rack 1 North Area	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
9	Over flow AFFF	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
10	Expansion Vessel AFFF	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
2	Transformer Main	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	40	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
2	Offices	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
3	Electrical Room	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
2	Bearing 3	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
3	Bearing 4	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
4	Bearing 5	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
2	MP-202A	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
3	MP-202B	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
4	MP-202C	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
5	MP-200D	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> N	

PIV Checks

No.	System	Position	Cycled	Last Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	<input checked="" type="checkbox"/>		
2	Maintenance Shop Drive Way #6	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
3	West Side Power Block by VS-3 # 9	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
4	West Side Power Block by VS-1 # 10	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
5	West Side Cooling Tower by VS-4 # 11	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
6	West side Cooling Tower by VS-4 # 12	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
7	N.W. Corner Chemical Storage #1	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
8	N.E. Corner Chemical Storage # 2	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
9	East Side W.T. by Multimedia Filters # 3	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
10	East Side W.T. by Multimedia Filters # 5	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
11	North Side Bldg #0 # 6	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
12	Between HTF-44's and Water Treat # 4	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
13	West Side Power Block Valve Shed #1	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions	FO-00M-MJV-1-H
1	Transformer Yard Refuse Check	<input checked="" type="checkbox"/> <input type="checkbox"/> N		

Fire Pump Weekly Test Log

General Information		
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 5/23/22	
Operator: Anthony	*To be completed each time unit is operated	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>		
Jockey Electric Pump		
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Check the jockey pump on pressure drop. Start up pressure: 155		
Discharge Pressure: 162		
Pump Suction Pressure: —	Pump Discharge pressure: —	
Comments:		
Electric Pump		
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Start the pump on pressure drop. Start up pressure: 145		
Start time: 0155		
Pump Suction Pressure: 25	Pump Discharge pressure: 150	
Stop time: 0205	Total time running	
Comments:		
Diesel Pump		
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>		
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Monthly Fuel Consumption: —	
Battery volt Crank 1: 26 Battery volt Crank 2: 25	Battery Condition: Good	
Starting hour meter: 128.3	Start time: 0210	
Oil pressure start: 1	Oil Pressure finish: 38	
Pump Suction Pressure: 25	Pump Discharge pressure: 150	
Coolant temperature after 30 minutes running: 205 after 11 min		
Stop time: 0221	Stop hour meter: 128.4	Total time running:
Comments:		
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis):		
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one year and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption 27 gal/hr approximately.</p> <p>There is no limit on engine operation for emergency use. Title 17, CCR 83115.6(a)(9)</p>		

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 5-22-23 Operator: Edoin

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West -TF B1-4	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East -TF B1-5	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters B1-8	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessel B2-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel A/T B2-10	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	175	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	✓		
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-4 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	East Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MF-44's and Water Treat # 4	O/C	✓		
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	325

Fire Pump Weekly Test Log

General Information		
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 5/15/23	
Operator: Edna	*To be completed each time unit is operated.	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>		
Jockey Electric Pump		
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Check the jockey pump on pressure drop. Start up pressure: 155 psi		
Discharge Pressure: 165 psi		
Pump Suction Pressure: —	Pump Discharge pressure: —	
Comments:		
Electric Pump		
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Start the pump on pressure drop. Start up pressure: 145 psi		
Start time: 0044		
Pump Suction Pressure: 25 psi	Pump Discharge pressure: 155 psi	
Stop time: 0059	Total time running 10 min	
Comments:		
Diesel Pump		
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>		
Fuel level > 2/3: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Monthly Fuel Consumption:	
Battery volt Crank 1: 26.5 Battery volt Crank 2: 24.5	Battery Condition: Good	
Starting hour meter: 128.2	Start time: 0056	
Oil pressure start: 7 psi	Oil Pressure finish: 39 psi	
Pump Suction Pressure: 25 psi	Pump Discharge pressure: 155 psi	
Coolant temperature after 30 minutes running: 212 after 7 min		
Stop time: 0103	Stop hour meter: 128.3	Total time running: 7 min
Comments: Change air cooler @ 7 min in		
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).		
<p>This diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption 27 gal/h approximately.</p> <p>If for use in fire engine operation for emergency use. (Title 17 CCR 94115.66:04)</p>		

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 5.13.23 Operator: TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	170	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	165	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	170	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
4	Rack 2 West H/F B1-4	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East H/F B1-5	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Step P/B B1-6	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	H-TF Pumps B1-7	165	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
8	H-TF Heaters B1-8	170	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Step P/B B1-9	165	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Like C B1-10	170	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	165	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	170	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Village Area B2-2	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Village Structure B2-3	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-4	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5	155	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over Flow AFFF B2-9	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-10	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer AUX	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	135	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	155	X/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	135	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
3	Bearing 4	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED
4	Bearing 5	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
3	MP-200B	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	X/C	NOT LOCKED
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	X/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	170	OPEN	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	N	-	
2	Maintenance Shop Drive Way #6	X/C	N	-	
3	West Side Power Block by VS-3 # 9	X/C	N	-	
4	West Side Power Block by VS-1 # 10	X/C	N	-	
5	West Side Cooling Tower by VS-4 # 11	X/C	N	-	
6	West side Cooling Tower by VS-4 # 12	X/C	N	-	
7	N.W. Corner Chemical Storage #1	X/C	N	-	
8	N.L. Corner Chemical Storage #2	X/C	N	-	
9	East Side W.T. by Multimedia Filters # 3	X/C	N	-	
10	East Side W.T. by Multimedia Filters # 5	X/C	N	-	
11	North Side Bldg 10 # 6	X/C	N	-	
12	Between MP-444's and Water Treat # 4	O/C	N	-	
13	West Side Power Block Valve Shed #1	X/C	N	-	

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 5.6.23
Operator: TRAVIS	*To be completed each time unit is operated.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155 PSI	
Discharge Pressure: 115 PSI	
Pump Suction Pressure: ~	Pump Discharge pressure: 165 PSI
Comments:	
Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145 PSI	
Start time: 1850	
Pump Suction Pressure: 15 PSI	Pump Discharge pressure: 150 PSI
Stop time: 1900	Total time running 10 min
Comments:	
Diesel Pump	
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heated <input checked="" type="checkbox"/>	
Fuel level > 2/3: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 3/4	Monthly Fuel Consumption: N/A
Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.0	Battery Condition: Good
Starting hour meter: 128.1	Start time: 1905
Oil pressure start: 59 PSI	Oil Pressure finish: 37 PSI
Pump Suction Pressure: 25 PSI	Pump Discharge pressure: 150 PSI
Coolant temperature after 30 minutes running: 223	
Stop time: 1913 Stop hour meter: 128.2 Total run time: 8 min	January 1 st hour meter: - Total YTD hours: -
Comments:	
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up, testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standard for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: fuel consumption 27 gal/h approximate.</p> <p>Item is not to be used for emergency use. (Title 17, Code of Regulations 931.5.6(a)(4))</p>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 5-6-23 Operator: Ebraim

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B*-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	SG Unit 2	B*-2	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Reheaters	B*-3	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
4	Rack 2 West HIF	B*-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East -TF	B1-5	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	B*-6	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	HIF Pumps	B1-7	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
8	HTF Heaters	B1-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	B1-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	B1-10	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
11	Turboine Hose Stations	B1-11	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	B1-12	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Ullage Area	B2-2	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Ullage Structure	B2-11	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	B2-5	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
5	Overflow Tanks	B2-9	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	B2-6	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	B2-7	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	B2-4	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
9	Over flow AFT	B2-3	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFT	B2-3	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Offices	B4-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	B4-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C	5-6-23	✓	
4	West Side Power Block by VS-1 # 10	✓ O/C	✓	5-6-23	
5	West Side Cooling Tower by VS-4 # 11	✓ O/C	✓	5-6-23	
6	West side Cooling Tower by VS-2 # 12	✓ O/C	✓	5-6-23	
7	N.W. Corner Chemical Storage #1	✓ O/C	✓	5-6-23	
8	N.E. Corner Chemical Storage # 2	✓ O/C	✓	5-6-23	
9	East Side W.T. by Multimedia Filters # 3	✓ O/C	✓	5-6-23	
10	East Side W.T. by Multimedia Filters # 5	✓ O/C	✓	5-6-23	Binding up
11	North Side Bldg 10 # 6	O/C			
12	Between MP-44's and Water Treat # 4	O/C	X		
13	West Side Power Block Valve Shed #1	✓ O/C		5-6-23	

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y <input type="checkbox"/> N <input type="checkbox"/>	329

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 6/25/23
Operator: Anthony	*To be completed each time unit is operated
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	

Jockey Electric Pump

Pre start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>
Check the jockey pump on pressure drop. Start up pressure: 155
Discharge Pressure: 162
Pump Suction Pressure: ~ Pump Discharge pressure: ~
Comments:

Electric Pump

Pre start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>
Start the pump on pressure drop. Start up pressure: 145
Start time: 0310
Pump Suction Pressure: 20 Pump Discharge pressure: 150
Stop time: 0320 Total time running 10 min
Comments:

Diesel Pump

Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Monthly Fuel Consumption: ~
Battery volt Crank 1: 26 Battery volt Crank 2: 26 Battery Condition: Good
Starting hour meter: 129.7 Start time: 0324
Oil pressure start: Oil Pressure finish: 39
Pump Suction Pressure: 20 Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: Overheated @ 192 after 10 min
Stop time: 0334 Stop hour meter: 129.8 Total time running: 10 min
Comments:

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 20 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-15 standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems' (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

1. Fuel consumption 27 gal/h (average rate).

2. There is no limit on engine operation for emergency use. (Title 17 CCR 9811.5.6(a)(4).

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 6-25-23 Operator: Isaiah

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HIF Heaters B1-8	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Luba Oil B1-10	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hgwr Stations B1-11	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-1	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-9	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-5	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-4	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over flow AFFF B2-5	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	200	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS 3 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS 4 # 11	O/C			
6	West side Cooling Tower by VS-4 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP 244's and Water Treat # 1	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1		X	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 6/17/23
Operator: Diego Rodriguez	To be completed each time unit is operated.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155 psi	
Discharge Pressure: 165 psi	
Pump Suction Pressure: NA	Pump Discharge pressure: 165 psi
Comments:	
Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145 psi	
Start time: 0038	
Pump Suction Pressure: 15psi	Pump Discharge pressure: 150 psi
Stop time: 0048	total time running 10mins.
Comments:	
Diesel Pump	
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>	
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Monthly Fuel Consumption: N/A
Battery volt Crank 1: 27 Battery volt Crank 2: 27	Battery Condition: Good./needs cleaning
Starting hour meter: 129.5	Start time: 0050
Oil pressure start: 50 50 psi	Oil Pressure finish: 33 psi
Pump Suction Pressure: 27 psi	Pump Discharge pressure: 150 psi
Coolant temperature after 30 minutes running: 201 ^{OF}	
Stop time: 0106 Stop hour meter: 129.7 Total run time: 10mins	January 1 st hour meter: Total YTD hours:
Comments: High Temp ALARM.	
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year, for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-3 standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems' (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption 27 gal/hr approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CCR 93113.6(a)(4))</p>	

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA:

Date: 10-18-23

Operator: Caleb S.

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	175	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	North Stee Pro B1-6	180	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	175	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	HIF Heaters B1-8	180	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	South Stee Pro B1-9	180	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	185	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	150	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	185	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	170	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-11	185	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-9	185	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	185	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	180	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-4	185	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-8	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	185	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
-	Cooling Tower West Side	140	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	162	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Office B4-3	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	170	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge			Y <input type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage #2	✓ O/C			
9	East Side W.T. by Multi media Filters # 3	✓ O/C			
10	East Side W.T. by Multi media Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP-444's on-c Water Treat # 1	✓ O/C			
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
		Y <input type="checkbox"/> N <input type="checkbox"/>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 6-12-23
Operator: Caleb Sowards	*To be completed each time unit is operated.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 170	
Pump Suction Pressure: 15	Pump Discharge pressure: 170
Comments:	
Electric Pump	
Pre start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145	
Start time: 0230	
Pump Suction Pressure: 16	Pump Discharge pressure: 168
Stop time: 0240	Total time running 10min
Comments:	
Diesel Pump	
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>	
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 1/2	Monthly Fuel Consumption:
Battery volt Crank 1: 25 Battery volt Crank 2: 26	Battery Condition: good
Starting hour meter: 129.0	Start time: 0242
Oil pressure start: 58	Oil Pressure finish:
Pump Suction Pressure: 15	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 189	
Stop time: 0812 Stop hour meter: 129.5 Total run time: 30min January 1 st hour meter:	Total YTD hours:
Comments: At 15 min started to over heat opened Bypass on pressure regulator	
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED is set wrong	
Only 15 Lbs pressure should be 50 or more	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the a. or b. annual limits above.</p> <p>Note: Fuel consumption 27 gal/H approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CCR 9015.6(a)(4))</p>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 6-11-23
Operator: TRAVIS	*To be completed each time unit is operated.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 135psi	
Discharge Pressure: 105psi	
Pump Suction Pressure: N/A	Pump Discharge pressure: 105psi
Comments:	
Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145psi	
Start time: 0020	
Pump Suction Pressure: 100 10psi	Pump Discharge pressure: 105psi
Stop time: 0030	Total time running 10 MIN
Comments:	
Diesel Pump	
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 1/4	Monthly Fuel Consumption: _____
Battery volt Crank 1: 26.7	Battery volt Crank 2: 26.7
Battery Condition: _____	Battery Voltage: _____
Starting hour meter: 125.5	Start time: _____
Oil pressure start: 68psi	Oil Pressure: _____
Pump Suction Pressure: 15psi	Pump Discharge Pressure: _____
Coolant temperature after 30 minutes running: 201	
Stop time: 0052	Stop hour meter: 125.7
Comments: High temp alarm	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis):	
<p>This direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as its response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25- Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems' (Current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption 77 gal/h approximately.</p> <p>If there is no limit on engine operation for emergency use. (Title 17 CCR 93.15.6(a)(9))</p>	

Scanned & Input J.V. Done

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 6/10/23 Operator: Diego F.

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	31-7	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	SG Unit 2	31-2	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Reheaters	R1-3	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 2 West -TF	B1-4	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Rack 2 Fwd IIII	B1-5	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	North Steel Proc	B1-6	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	H F Pumps	B1-7	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	H F Heaters	B1-8	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	South Steel Proc	B1-9	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Lube Oil	B1-10	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
11	Turbine Hose Stations	B1-11	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings	B1-12	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	NOT Locked.

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Ullage Area	B2-2	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Ullage Structure	B2-11	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 1 Middle Area	B2-5	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Overflow Tanks	B2-9	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	Rack 1 South Area	B2-6	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	Rack 1 West	B2-7	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	Rack 1 North Area	B2-4	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	Overflow AFT	B2-8	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Expansion Vessel AFT	B2-1	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West side	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	COULD USE A NEW SIGN.

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices	B4-3	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room	B4-4	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OK	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OK	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OK	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OK	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-2001	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	OK	
2	MP-200A	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	OK	
3	MP-200B	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	OK	
4	MP-200C	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	OK	
5	MP-200D	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	OK	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	170	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	OK			
2	Maintenance Shop Drive Way #8	OK			
3	West Side Power Block by VS-3 # 9	OK			
4	West Side Power Block by VS-1 # 10	OK			
5	West Side Cooling Tower by VS-4 # 11	OK			
6	West side Cooling Tower by VS-1 # 12	OK			
7	N.W. Corner Chemical Storage # 1	OK			
8	N.E. Corner Chemical Storage # 2	OK			
9	East Side W.T. by Multimedia Filters # 3	OK			
10	East Side W.T. by Multimedia Filters # 5	OK			
11	North Side Bldg 10 # 6	OK			
12	Between MP-444's and Water Treat # 4	OK			
13	West Side Power Block Valve Shed # 1	OK			

To Be Cycled First Saturday of Every Month

Inspection Checklist	System	Debris	Comments / Actions
1	Transformer Yard Re-use Check	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	336

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 6/10/23 Operator: Erick

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	PIV ID Loto
3	Reheaters B1-3		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pm B1-6		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters B1-8		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Proc B1-9		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10		O/C ✓	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Inlet Stations B1-11		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-11	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-E	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-4	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over flow AFFF B2-6	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-20A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	MP-20CA	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-20DB	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-20DC	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-20DD	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	✓ O/C			
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-7 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	East Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP-444 and Water Treat # 4	✓ O/C			
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	MT-FOB-000027 Automated System Inspection Checklist vs Transformer Used Before Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 6-5-23
Operator: Caleb Saunders	*To be completed each time unit is operated
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 165	
Pump Suction Pressure: 15	Pump Discharge pressure: 165
Comments:	
Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145	
Start time: 0130	
Pump Suction Pressure: 15	Pump Discharge pressure: 163
Stop time: 0140 Total time running 10 min	
Comments: c/w pressure Regulator Needs to to be set correctly that is why it overheats	
Diesel Pump	
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>	
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 7/14	Monthly Fuel Consumption:
Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: good
Starting hour meter: 125.0	Start time: 0140
Oil pressure start: 60	Oil Pressure finish: 39
Pump Suction Pressure: 15	Pump Discharge pressure: 155
Coolant temperature after 30 minutes running: 189	
Stop time: 0110	Stop hour meter: 125.5 Total time running: 30 min
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as a response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowed annual limits above.</p> <p>Note: Fuel consumption 27 gal/h approximately.</p> <p>(There is no limit on engine operation for emergency use. (Title 17 CCR 90115-6029))</p>	

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 6/13/23 Operator: Diego R.

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	155	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	SG Unit 2 B1-2	160	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Reheaters B1-3	140	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 2 West -TF B1-4	155	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Rack 2 East HTF B1-5	160	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	North Steel Pila B1-6	160	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	HTF Pumps B1-7	155	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	HTF Heaters B1-8	160	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	South Steel Pila B1-9	160	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Tube Oil B1-10	160	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
11	Turbine Hozg Stations B1-11	155	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
12	Turbine Bearings B1-12	160	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Ullage Area B2-2	160	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Ullage Structure B2-3	140	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 1 Middle Area B2-5	165	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Overflow Tanks B2-9	160	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	Rack 1 South Area B2-6	165	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	Rack 1 West B2-7	165	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	Rack 1 North Area B2-4	160	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	Overflow AT T B2-8	155	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Expansion Vesse AFF B2-3	155	B/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	B/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	B/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	B/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	B/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	160	B/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-1	160	B/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	B/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	B/C	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	B/C	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	B/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	B/C	
2	MP-200A	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	B/C	
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	B/C	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	B/C	
5	MP-200D	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	B/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	130	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	B/C			
2	Maintenance Shop Drive Way #8	B/C			
3	West Side Power Block by VS-3 #9	B/C			
4	West Side Power Block by VS-1 #10	B/C			
5	West Side Cooling Tower by VS-4 #11	B/C			
6	West side Cooling Tower by VS-4 #12	B/C			
7	N.W. Corner Chemical Storage #1	B/C			
8	N.E. Corner Chemical Storage #2	B/C			
9	East Side W.T. by Multimedia Filters #3	B/C			
10	Last Side W.T. by Multimedia Filters #5	B/C			
11	North Side Bldg 10 #6	B/C			
12	Between MP-4's end Water Treat #4	B/C			
13	West Side Power Block Valve Shed #7	B/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Re-use Check	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Fire Pump Weekly Test Log

General Information		
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 6-5-23	
Operator: Caleb S.	*To be completed each time unit is operated.	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input checked="" type="checkbox"/> Emergency <input checked="" type="checkbox"/>		
Jockey Electric Pump		
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 170		
Pump Suction Pressure: 15	Pump Discharge pressure: 170	
Comments:		
Electric Pump		
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	Start the pump on pressure drop. Start up pressure: 145	
Start time: 0300		
Pump Suction Pressure: 15	Pump Discharge pressure: 167	
Stop time:	Total time running 0min	
Comments:		
Diesel Pump		
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>	Fuel level > 2/3: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Monthly Fuel Consumption:		Battery Condition: good
Battery volt Crank 1: 26	Battery volt Crank 2: 25	Start time: 0310
Starting hour meter: 128.5	Oil Pressure start: 60	
Pump Suction Pressure: 15		Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 178		
Stop time: 0340	Stop hour meter: 129.0	Total time running: 30min
Comments:		
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).		
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limit above.</small>		
<small>Note: Fuel consumption 17 gal/h approximately. This is an initial engine operation for emergency use. (Title 17 CCR 62116.00114)</small>		

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 6-4-23 Operator: Erick

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
2	SG Unit 2	B1-2	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
3	Reheaters	B1-3	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West HTF	B1-4	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East HTF	B1-5	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	B1-6	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
7	HTF Pumps	B1-7	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
8	HTF Heaters	B1-8	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	B1-9	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	B1-10	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
11	Turbine Hose Stations	B1-11	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	B1-12	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
2	Ullage Area	B2-2	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
3	Ullage Structure	B2-11	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	B2-5	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
5	Overflow Tanks	B2-3	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	B2-6	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	B2-7	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	B2-4	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
9	Overflow AFFF	B2-8	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFFF	B2-3	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
2	Offices	B4-1	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	B4-4	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	Bearing 4	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
2	MP-200A	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
3	MP-200B	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
4	MP-200C	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	
5	MP-200D	Y <input type="checkbox"/> N <input type="checkbox"/>	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	0	Y <input type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	✓ O/C			
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West Side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage #2	✓ O/C			
9	East Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Refrigerant P/F-1/1s and Water Treat # 7	✓ O/C			
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Date	Page	Comments / Actions	FO-00M-MJV-104
1	Transformer Yard Refurb Check	Y <input type="checkbox"/> N <input type="checkbox"/>	06/24/2015	Page 1 of 1		

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 7-15-23
Operator: <i>Isapan</i>	*To be completed each time unit is operated.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 162	
Pump Suction Pressure: —	Pump Discharge pressure: —
Comments:	
Electric Pump	
Pre start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145	
Start time: 0027	
Pump Suction Pressure: 10	Pump Discharge pressure: 150
Stop time: 0037	Total time running 10
Comments:	
Diesel Pump	
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input type="checkbox"/>	
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Monthly Fuel Consumption: <input checked="" type="checkbox"/>
Battery volt Crank 1: 26	Battery volt Crank 2: 26
Battery Condition: <input checked="" type="checkbox"/>	Start time: 0040
Starting hour meter: 126.4	Oil Pressure finish: 40
Oil pressure start: 1	Pump Discharge pressure: 150
Pump Suction Pressure: 10	
Coolant temperature after 30 minutes running: 203 after 10 minutes	
Stop time: 0050	Stop hour meter: 126.5
Total time running: 10	
Comments: <i>SPN 520192 FM10</i> <i>charge APR cooler temp out of range High</i>	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis):	
<p>The new diesel fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for testing will not be counted towards either of the above annual limits above.</p> <p>• Fuel consumption 27 gal/h approx.</p> <p>• No limit on engine operation for emergency use. (Title 17 CCR 931.566(a))</p>	