

DOCKETED

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4-Mojave Solar Project 2023 Annual Compliance Report (09-AFC-5C)

Additional submitted attachment is included below.

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/16/23 Operator: Anthony

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	Repeaters R1-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West -TF B1-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Proc B1-6	165	✓ 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	HTF - condens. B1-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Proc 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	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	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 B2-3	165	✓ 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	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 B2-8	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-1	140	✓ 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	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	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	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-1 # 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	Transformer Yard Refuse Check	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 7-10-23
Operator: I. Sohal	*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: 153	
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: 0040	
Pump Suction Pressure: 10	Pump Discharge pressure: 150
Stop time: _____	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: 29
Battery Condition: <input checked="" type="checkbox"/>	
Starting hour meter: 126.1	Start time: 0058
Oil pressure start: 1	Oil Pressure finish: 38
Pump Suction Pressure: 10	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 20.3 After 21 minutes	
Stop time: 0119	Stop hour meter: 126.4
Total time running: 21	
Comments: Charge A; cooler temp out of range High	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<small>The 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 gph approximately.</small>	
<small>There is no limit on engine operation for emergency use. Title 17 CFR 921.15.6(a)(4)</small>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/9/23 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 31-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 31-2	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 R1-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF R1-5	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	-TF Pumps B1-7	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HT Heaters 31-8	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	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hous 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 32-1	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area 32-2	170	✓ 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 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 32-6	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 32-4	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-8	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-1	140	✓ 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	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
-	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
-	Control Room 31-5	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Offices B2-3	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B2-4	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	160	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			
5	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 1C # 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

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

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta ..	Date: 7/2/23
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: 2358	
Pump Suction Pressure: 20	Pump Discharge pressure: 150
Stop time: 0008	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: 126.0	Start time: 0011
Oil pressure start: 1	Oil Pressure finish: 41
Pump Suction Pressure: 20	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: overheated after 10 min @ 194	
Stop time: 0021	Stop hour meter: 126.1 Total time running: 10 min
Comments:	
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" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.</small>	
<small>(a) Fuel consumption: 17 gal / h (approximate).</small>	
<small>(b) No limitation on engine operation for emergency use. [Title 17, CCR 901.5.6(a)(1)]</small>	

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/1/23 Operator: *Isaiah*

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	H I Heaters	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings	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	150	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack West	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over flow AFFF	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF	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	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	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	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices	160	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			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	✓	7-1-23	
2	Maintenance Shop Drive Way #8	O/C	✓	7-1-23	
3	West Side Power Block by VS-3 # 9	O/C	✓	7-1-23	
4	West Side Power Block by VS-4 # 10	O/C	✓	7-1-23	
5	West Side Cooling Tower by VS-4 # 11	O/C	✓	7-1-23	
6	West side Cooling Tower by VS-4 # 12	O/C	✓	7-1-23	
7	N.W. Corner Chemical Storage #1	O/C	✓	7-1-23	
8	N.E. Corner Chemical Storage # 2	O/C	✓	7-1-23	
9	East Side W.T. by Multimedia # 3	O/C	✓	7-1-23	
10	East Side W.T. by Multimedia Filters # 5	O/C	✓	7-1-23	
11	North Side Bldg 1 & 6	O/C	✓	7-1-23	
12	Between MP-224 and Water Treat # 4	O/C	✓	7-1-23	
13	West Side Power Block Valve Shed #1	O/C	✓	7-1-23	

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 checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 6/24/23	
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: 2248		
Pump Suction Pressure: 20	Pump Discharge pressure: 150	
Stop time: 2258	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: 125.9	Start time: 2303	
Oil pressure start: 1	Oil Pressure finish: 42	
Pump Suction Pressure: 20	Pump Discharge pressure: 150	
Coolant temperature after 30 minutes running: Overheated @ 190 after 10 min		
Stop time: 2313	Stop hour meter: 126.0	Total time running: 10 min
Comments:		
Sulfur Concentrations (less than or equal to 0.005% 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 number of operations 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, Code of Regulations 15.61a(4))</p>		

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 10-24-23 Operator: TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	UNLOCKED
2	SG Unit 2 B1-2	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Reheaters B1-3	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 2 West HTF B1-4	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Rack 2 East HTF B1-5	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	North Steel Pro B1-6	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	-TF Pumps B1-7	155	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	-TF Pumps B1-8	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	South Steel Pro B1-9	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Lube Oil B1-10	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
11	Turbine Inlet Stations B1-11	155	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
12	Turbine Bearings B1-12	1100	X/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	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	UNLOCKED
2	Ullage Area B2-2	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Ullage Structure B2-3	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 1 Middle Area B2-4	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Overflow Tanks B2-5	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	Rack 1 South Area B2-6	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	Rack 1 West B2-7	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	Rack 1 North Area B2-8	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	Overflow AFFF B2-9	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Expansion Vessel AFFF B2-10	140	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	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Transformer Main	155	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	1100	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 B4-5	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Offices B4-3	1100	X/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Electrical Room B4-4	1100	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	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	185	0	Y <input checked="" type="checkbox"/> 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 and Water Treatment	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 Release Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	349 Transformer Repair

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input 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: 0859	
Pump Suction Pressure: 10psi	Pump Discharge pressure: 145psi 150psi
Stop time: 0909	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: 26.7 Battery volt Crank 2: 26.7	Battery Condition: Good / need to be cleaned
Starting hour meter: 125.7	Start time: 0412
Oil pressure start: 64psi	Oil Pressure finish:
Pump Suction Pressure:	Pump Discharge pressure: 165 psi
Coolant temperature after 30 minutes running: 201	
Stop time: 0422 Stop hour meter: 125.8 Total run time: 10mins	January 1st 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>The 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 gpa/h approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CFR 93.15.6(a)(ii))</p>	

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 6-17-23 Operator: Bricke

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 checked="" type="checkbox"/>
2	SG Unit 2	B1-2	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
3	Reheaters	B1-3	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
4	Rack 2 West HTF	B1-4	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
5	Rack 2 East HTF	B1-5	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
6	North Steel Pro	B1-6	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
7	-TF Pumps	B1-7	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
8	-TF Heaters	B1-8	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
9	South Steel Pro	B1-9	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
10	Lube Oil	B1-10	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
11	Turbine Hosi Stations	B1-11	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
12	Turbine Bearings	B1-12	160	✓ O/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	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>
2	Village Area	B2-2	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>
3	Village Structure	B2-11	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>
4	Rack 1 Middle Area	B2-3	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>
5	Overflow Tanks	B2-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>
6	Rack 1 South Area	B2-6	165	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
7	Rack 1 West	B2-7	165	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
8	Rack 1 North Area	B2-4	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
9	Overflow ATTT	B2-8	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
10	Expansion Vessel ATTT	B2-3	155	✓ O/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	✓ 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		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 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	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	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 Recharge Chuck	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: 7-15-23
Operator: ISAPAH	*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: 169	
Pump Suction Pressure: <input checked="" type="checkbox"/>	Pump Discharge pressure: 10
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: 0346	
Pump Suction Pressure: 10	Pump Discharge pressure: 150
Stop time: 0356	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 checked="" 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: 25
Battery Condition: <input checked="" type="checkbox"/>	
Starting hour meter: 130,2	Start time: 0384
Oil pressure start: 2	Oil Pressure finish: 37
Pump Suction Pressure: 145	Pump Discharge pressure: 10
Coolant temperature after 30 minutes running: 199	
Stop time: HIL	Stop hour meter: 130.4
Total run time: 13	January 1st hour meter: Total YTD hours:
Comments: SPNS 20192 FMI Charge air cooler Temp out of range High	
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 direct drive 1 hp 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) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (latest 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, Code of Regulations 90115.02NFPA)</small>	

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7-7-23 Operator: TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SS Unit 1 B1-1	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	SS Unit 2 B1-2	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	1155	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Proc B1-6	1155	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	1155	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	NOT LOCKED
8	HTF Heaters B1-8	1155	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Proc B1-9	1155	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	1155	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	1160	OK	Y	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	1155	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-11	1155	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-9	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-4	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-8	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	1160	OK	Y	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	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	1155	OK	Y	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	1155	OK	Y	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	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	1160	OK	Y	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	1160	OK	Y	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"/>	OK	
2	Bearing 3	Y <input type="checkbox"/> N <input type="checkbox"/>	OK	
3	Bearing 4	Y <input type="checkbox"/> N <input type="checkbox"/>	OK	NOT LOCKED
4	Bearing 5	Y <input type="checkbox"/> N <input type="checkbox"/>	OK	NOT LOCKED

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-20*	Y <input type="checkbox"/> N <input type="checkbox"/>	OK	NOT LOCKED
2	MP-200A	Y <input type="checkbox"/> N <input type="checkbox"/>	OK	
3	MP-200B	Y <input type="checkbox"/> N <input type="checkbox"/>	OK	NOT LOCKED
4	MP-200C	Y <input type="checkbox"/> N <input type="checkbox"/>	OK	
5	MP-200D	Y <input type="checkbox"/> N <input type="checkbox"/>	OK	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	1160	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/X	N		
2	Maintenance Shop Drive Way #8	OK	Y	7-7-23	
3	West Side Power Block by VS-3 # 9	OK	Y	7-7-23	
4	West Side Power Block by VS-1 # 10	OK	Y	7-7-23	
5	West Side Cooling Tower by VS-4 # 11	OK	Y	7-7-23	
6	West side Cooling Tower by VS 4 # 12	OK	Y	7-7-23	
7	N.W. Corner Chemical Storage #1	OK	Y	7-7-23	
8	N.E. Corner Chemical Storage # 2	OK	Y	7-7-23	
9	East Side W.T. by Multimedia Filters # 3	OK	Y	7-7-23	
10	East Side W.T. by Multimedia Filters # 5	OK	Y	7-7-23	
11	North Side Bldg 10 # 6	OK	Y	7-7-23	
12	Between MP 444's and Water Treat # 4	OK	Y	7-7-23	
13	West Side Power Block Valve Shed #1	O/X	N		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Vent Debris Check	X	

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 7-10-23
Operator: <i>J. Schan</i>	<i>To be completed each time unit is operated</i>
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: 163
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: 0211
Pump Suction Pressure: 15 Pump Discharge pressure: 150
Stop time: 0221 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 Battery volt Crank 2: 26 Battery Condition: <input checked="" type="checkbox"/>
Starting hour meter: 129.9 Start time: 0227
Oil pressure start: 1 Oil Pressure finish:
Pump Suction Pressure: 25 Pump Discharge pressure: 145
Coolant temperature after 30 minutes running: 228 22 minutes
Stop time: 0248 Stop hour meter: 130.7 Total time running: 22
Comments: <i>Engine fault, ECU address 72 fault, engine over heating</i>

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 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 commissioning 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.

1 gal fuel consumption or 2.1 gal/H approximately.

There is no limit on engine operation for emergency use. (116-17-CCR-33-15.6(a)(4))

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7.10.23 Operator: Traws

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	1105	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	1105	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	1155	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	1100	2/C	Y	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	NOT LOCKED
8	HTF Heaters B1-8	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	1105	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	1105	2/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	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-3	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-4	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow ATFF B2-9	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel ATFF B2-10	1100	2/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	1100	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	1100	2/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	1100	2/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	1105	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	1105	2/C	Y	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	1100	2/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"/>	2/C	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	2/C	
3	Bearing 4	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	2/C	NOT LOCKED
4	Bearing 5	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	2/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"/>	2/C	NOT LOCKED
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	2/C	
3	MP-200B	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	2/C	NOT LOCKED
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	2/C	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	2/C	

Fire Pump House Deluge System

No.	System	PSI	D/C	Locked	Comments
1	Fire Pump House Deluge	195	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	2/C	N	-	
2	Maintenance Shop Drive Way #8	2/C	N	-	
3	West Side Power Block by VS-3 # 9	2/C	N	-	
4	West Side Power Block by VS-1 # 10	2/C	N	-	
5	West Side Cooling Tower by VS-4 # 11	2/C	N	-	
6	West side Cooling Tower by VS-4 # 12	2/C	N	-	
7	N.W. Corner Chemical Storage #1	2/C	N	-	
8	N.E. Corner Chemical Storage # 2	2/C	N	-	
9	East Side W.T. by Multimedia Filters # 3	2/C	N	-	
10	East Side W.T. by Multimedia Filters # 5	2/C	N	-	
11	North Side Bldg # 6	2/C	N	-	
12	Between MP-44's and Water Treat # 4	2/C	N	-	
13	West Side Power Block Valve Shed #1	2/C	N	-	

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	MT-EOR-00027 Automated Fire Systems Inspection Checklist	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: 7.2.23
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: 185 psi	
Pump Suction Pressure: N/A	Pump Discharge pressure: 185 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: 2346	
Pump Suction Pressure: 150 psi	Pump Discharge pressure: 155 psi
Stop time: 2356	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: N/A
Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.7	Battery Condition: ✓
Starting hour meter: 129.8	Start time: 2357
Oil pressure start: 61 psi	Oil Pressure finish: 1 psi
Pump Suction Pressure: 250 psi	Pump Discharge pressure: 150 psi
Coolant temperature after 30 minutes running: 198°	
Stop time: 0009 Stop hour meter: 129.9 Total run time: 12 Min January 1 st hour meter:	Total YTD hours:
Comments: Fault; charge air cooler Temp out of range, high	
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 electric 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 its 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 93115.6(a)(4))</p>	

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7-1-23 Operator: Edwin

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 HTF B1-4	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF 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	-TF Pumps B1-7	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	-TF 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 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	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 B2-6	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 B2-4	160	✓ 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	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	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	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 ✓	✓	7-1-23	
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 # 3	✓ O/C	✓		
11	North Side 3 dg 10 # 8	✓ O/C	✓		
12	Between MP-442'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
		✓	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 8-27-23
Operator: <i>Edwin</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 type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 150	
Start time: 2045	
Pump Suction Pressure: 25 psi	Pump Discharge pressure: 150 psi
Stop time: 2055	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 type="checkbox"/>	
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Monthly Fuel Consumption: _____
Battery volt Crank 1: 26	Battery Condition: Good
Battery volt Crank 2: 24.5	Start time: 2056
Starting hour meter: 131.1	Oil Pressure finish: 36
Oil pressure start: 2 psi	Pump Discharge pressure: 150 psi
Pump Suction Pressure: 25 psi	
Coolant temperature after 30 minutes running: 198 after 10 min	
Stop time: 2106	Stop hour meter: 131.2
Total run time: 10 min	January 1 st hour meter: _____
Total YTD hours: _____	
Comments: Charge Air cooler Alarm after 10 min	
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 test drive fire pump engine shall be limited to use for emergency fire suppression, de-fueled as a 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 Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems' (current edition). The hours of operation for source testing will not be included towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/h approximately. There is no limit on engine operation for emergency use. 15 CFR 93.115.5(a)(4)</small>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 8-26-23
Operator: ISA, O	*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: 157	
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: 2012	
Pump Suction Pressure: 10	Pump Discharge pressure: 150
Stop time: Total time running 10 minutes	
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: 27	Battery Condition: ✓
Starting hour meter: 107.2	Start time: 2025
Oil pressure start: 1	Oil Pressure finish: 150
Pump Suction Pressure: 10	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 193	
Stop time: 1073 Stop hour meter: 107.3	Total run time: January 1st hour meter: Total YTD hours:
Comments: Temp over heat	
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 rounded toward either of the allowable annual limits above.</p> <p>Note: Fuel consumption 2/gal/h approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CCR 311.15.03(4))</p>	

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 8-19-23		
Operator: Isaiel	*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 type="checkbox"/> Mechanical <input type="checkbox"/> Valves <input 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: 4:10			
Pump Suction Pressure: 20		Pump Discharge pressure: 150	
Stop time: 4:26 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: 26	Battery Condition: Good	
Starting hour meter: 127		Start time: 4:30	
Oil pressure start: 1		Oil Pressure finish: 41	
Pump Suction Pressure: 20		Pump Discharge pressure: 150	
Coolant temperature after 30 minutes running: 203			
Stop time: 4:39		Stop hour meter: 127.1	Total run time: 10
January 1st hour meter:		Total YTD hours:	
Comments: Overheated @ 203 at 10 minutes			
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/h approximately.</p> <p>There is no limit on engine operation for emergency use. Title 17, CCR 93115-6(a)(4)</p>			

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 8/13/23
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: 155psi
Discharge Pressure: 165psi
Pump Suction Pressure: N/A Pump Discharge pressure: 165psi
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: 0133
Pump Suction Pressure: 10psi Pump Discharge pressure: 150psi
Stop time: 0143 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 Battery volt Crank 2: 26. Battery Condition: Good, need cleaning.
Starting hour meter: 126.9 hrs. Start time: 0145
Oil pressure start: 62psi Oil Pressure finish: 48psi 43
Pump Suction Pressure: 15psi Pump Discharge pressure: 160psi
Coolant temperature after 30 minutes running: 194
Stop time: 0154 Stop hour meter: 127 hrs. Total time running: 9 mins.
Comments: High Temp Alarm. Could add more coolant to PCS PORT TANK.
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 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) 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.

Note: Fuel consumption 27 gal/hr approximately.

There is no limit on engine operation for emergency use. 11 CFR 93.115.6(a)(4)

Fire Pump Weekly Test Log

General Information

Plant: Alpha Beta Date: 8/7/23
 Operator: Diego Rodriguez **To be completed each time unit is operated.*
 Reason for running pumps: Weekly test Maintenance Emergency

Jockey Electric Pump

Pre-start Inspection: Electrical Feed Mechanical Valves
 Check the jockey pump on pressure drop. Start up pressure: 155 psi
 Discharge Pressure: 165 psi
 Pump Suction Pressure: N/A Pump Discharge pressure: 165 psi
 Comments:

Electric Pump

Pre-start Inspection: Electrical Feed Mechanical Valves
 Start the pump on pressure drop. Start up pressure: 145 psi
 Start time: 0110
 Pump Suction Pressure: 10 psi Pump Discharge pressure: 165 psi 150 psi
 Stop time: 0120 Total time running 10 mins.
 Comments:

Diesel Pump

Pre-start Inspection: Coolant Oil Mechanical Valves Water Jacket Heater
 Fuel level > 2/3: Yes No Monthly Fuel Consumption: N/A
 Battery volt Crank 1: 27 Battery volt Crank 2: 27. Battery Condition: Good / need to be cleaned.
 Starting hour meter: 126.8 Start time: 0123
 Oil pressure start: 136 59 psi Oil Pressure finish: 46 psi
 Pump Suction Pressure: 15 psi Pump Discharge pressure: 155 psi
 Coolant temperature after 30 minutes running: 201 High Temp ALARM.
 Stop time: 0131 Stop hour meter: 126.9 Total time running: 8 mins.
 Comments: High Temp ALARM.
 Could use some more coolant on RES. TANK.
 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 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 hours above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on emergency operation for emergency use. (Title 17 CCR 95-15.6(a)(6))

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 7/30/23
Operator: PAT	*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: 18 PSI Pump Discharge pressure: 166 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: 23:19
Pump Suction Pressure: 18 PSI Pump Discharge pressure: 150 PSI
Stop time: 23:29 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: 126.6 Start time: 23:38
Oil pressure start: 59 PSI Oil Pressure finish: 40 PSI
Pump Suction Pressure: 20 PSI Pump Discharge pressure: 164 PSI
Coolant temperature after 30 minutes running: 201
Stop time: 23:50 Stop hour meter: 126.7 Total time running:
Comments: High Temp Alarm after 12 min.

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

This new diesel engine 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 in source testing will not be counted towards either of the allowable annual limits above.

Note: fuel consumption 27 gal/hr approximately.
 See the final engine operation for emergency use. [Title 17 CCR 90.115.6(a)(1)]

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 7/22/23
Operator: <i>PKT</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: 165 PSI
Pump Suction Pressure: 18 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: 145 PSI
Start time: 00:17
Pump Suction Pressure: 18 PSI Pump Discharge pressure: 147 PSI
Stop time: 00:27 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: 24.7 Battery volt Crank 2: 26.7 Battery Condition: good
Starting hour meter: 126.5 Start time: 00:33
Oil pressure start: 63 PSI Oil Pressure finish: 69 PSI
Pump Suction Pressure: 19 PSI Pump Discharge pressure: 158 PSI
Coolant temperature after 30 minutes running: 198°F after 7 min
Stop time: 00:40 Stop hour meter: 126.6 Total time running: 7 min.
Comments: change Air cooler High Temp Alarm

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 due to low fire water pressure. In addition, the 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 routine testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h (approximate)

There is no limit on engine operation for emergency use. (Title 17, Code of Regulations 15.66004)

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 8-13-23	
Operator: Caleb		*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: 150		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: 0125			
Pump Suction Pressure: 15		Pump Discharge pressure: 160	
Stop time: 0135		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"/> 1/2		Monthly Fuel Consumption:	
Battery volt Crank 1: 25		Battery Condition: good	
Battery volt Crank 2: 27		Start time: 0140	
Starting hour meter: 130.9		Oil Pressure finish: 34	
Oil pressure start: 60		Pump Discharge pressure: 155	
Pump Suction Pressure: 15			
Coolant temperature after 30 minutes running: 207			
Stop time: 150		Total run time: 10 min	
Stop hour meter: 131.0		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 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 gph approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CCR 321.5.6(2)(3)).</p>			

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 8-7-23		
Operator: <i>Caleb Saunders</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: <i>153</i>			
Discharge Pressure: <i>170</i>			
Pump Suction Pressure: <i>15</i>		Pump Discharge pressure: <i>170</i>	
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: <i>145</i>			
Start time: <i>2:15</i>			
Pump Suction Pressure: <i>15</i>		Pump Discharge pressure: <i>162</i>	
Stop time: <i>2:25</i>		Total time running <i>10 min</i>	
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"/> <i>1/2</i>	Monthly Fuel Consumption:		
Battery volt Crank 1: <i>25</i> Battery volt Crank 2: <i>27</i>	Battery Condition: <i>good</i>		
Starting hour meter: <i>130.7</i>	Start time: <i>02:27</i>		
Oil pressure start: <i>60</i>	Oil Pressure finish: <i>35</i>		
Pump Suction Pressure: <i>15</i>	Pump Discharge pressure: <i>150</i>		
Coolant temperature after 30 minutes running: <i>200</i>			
Stop time: <i>02:34</i> Stop hour meter: <i>130.9</i> Total run time: <i>7 min</i> January 1 st hour meter:	Total YTD hours:		
Comments: <i>02:34 Hi temp coolant pressure 82PS</i>			
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>The new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as 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 2.4 gal/hr approximately.</small>			
<small>There is no limit on engine operation for emergency use. (Title 17 CCR 99115.6(a)(1))</small>			

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 7-30-23
Operator: Erick Carrillo	*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: 18:40	
Pump Suction Pressure: 12 -	Pump Discharge pressure: 150
Stop time: 19:50	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: 27.1 Battery volt Crank 2: 27.1	Battery Condition: Good
Starting hour meter: 130.6	Start time: 18:52
Oil pressure start: 61	Oil Pressure finish: 36
Pump Suction Pressure: 22 -	Pump Discharge pressure: 160
Coolant temperature after 30 minutes running: 212	
Stop time: 19:00 Stop hour meter: 130.7 Total run time: 8 min	January 1 st hour meter: Total YTD hours:
Comments: Charge 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):	
<small> This low 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 limited to 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) 25th Standards for the Inspection, Testing and Maintenance of Water Based Fire Systems[®] (11.11.10 edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/hr approximately. There is no limit on engine operation for emergency use. Title 17, CCR 93113.6(a)(4) </small>	

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 7/22/23		
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: N/A	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: 0121			
Pump Suction Pressure: 10 psi	Pump Discharge pressure: 150 psi		
Stop time: 0131	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: 26.7 Battery volt Crank 2: 26.7	Battery Condition: Good.		
Starting hour meter: 130.4	Start time: 0132		
Oil pressure start: 68 psi	Oil Pressure finish: 41 psi		
Pump Suction Pressure: 20 psi	Pump Discharge pressure: 145 psi		
Coolant temperature after 30 minutes running: 201			
Stop time: 0145 Stop hour meter: 130.6 Total run time: 13 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 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 component 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. (16 CFR 28115.6(a)(4))</p>			

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8-26-23 Operator: J. S. O'Neil

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 3-1	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 3-2	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters R1-3	160	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	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	-TF Pumps R1-7	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	-TF Heaters B1-8	150	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro R1-9	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	150	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	U-lage Area B2-2	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	U-lage Structure B2-3	0	O/O	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-4	150	O/O	✓	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	150	O/O	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	0	O/O	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	160	O/O	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AHH B2-9	150	O/O	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel B2-3	155	O/O	✓	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	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	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	175	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-5	175	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-1	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	160	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Sucked	Comments
1	Maintenance Shop Drive Way #7	O/C	✓	8-26	
2	Maintenance Shop Drive Way #8	O/C	✓	8-26	
3	West Side Power Block by VS-3 #9	O/C	✓	8-26	
4	West Side Power Block by VS-1 #10	O/C	✓	8-26	
5	West Side Cooling Tower by VS-4 #11	O/C	✓	8-26	
6	West Side Cooling Tower by VS-4 #12	O/C	✓	8-26	
7	N.W. Corner Chemical Storage #1	O/C	✓	8-26	
8	N.E. Corner Chemical Storage #2	O/C	✓	8-26	
9	East Side W.T. by Multimedia Filters #3	O/C	✓	8-26	
10	East Side W.T. by Multimedia Filters #5	O/C	✓	8-26	
11	North Side Bldg 10 #6	O/C	✓	8-26	
12	Between MP-444's and Water Treat #4	O/C	✓	8-26	
13	West Side Power Block Valve Shed #1	O/C	✓	8-26	

To Be Cycled First Saturday of Every Month

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

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8-18-23 Operator: ISaidan

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	175	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	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	-TF Pumps	B1-7	170	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	-I- Heaters	B1-8	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	B1-9	260	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Tube Oil	B1-10	175	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	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	170	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Ullage Structure	B2-1*	170	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	B2-5	165	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	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	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	Overflow A-H	B2-6	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel A-H	B2-3	170	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	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	Critical Room	B4-5	40	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Offices	B4-3	30	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-202A	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	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-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 442'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"/>	370

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8/12/23 Operator: PAF

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	157	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
2	SG Unit 2	B1-2	162	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
3	Reheaters	B1-3	163	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West HTF	B1-4	161	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East HTF	B1-5	161	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	B1-6	162	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
7	HTF Pumps	B1-7	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
8	I-TH Heaters	B1-8	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	B1-9	157	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	B1-10	162	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
11	Turbine Hose Stations	B1-11	157	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	B1-12	161	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	164	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
2	Jillage Area	B2-2	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
3	Jillage Structure	B2-11	163	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	B2-9	164	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	B2-6	166	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	B2-7	167	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	B2-4	162	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
9	Over Flow ATFF	B2-8	163	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel ATFF	B2-3	162	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	162	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	161	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	167	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	175	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
2	Offices	B4-3	176	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	R4-4	175	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	180	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-1 # 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 Mu timed filters # 3	O/C			
10	East Side W.T. by Mu timed filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-11'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 type="checkbox"/>	371

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8/16/23 Operator: PAT

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	161	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	SG Unit 2 B1-2	162	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Reheaters B1-3	165	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 2 West HTF B1-4	162	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Rack 2 East HTF B1-5	165	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	North Steel Pro B1-6	163	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	HTF Pumps B1-7	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	HTF Heaters B1-8	162	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	South Steel Pro B1-9	163	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Lube Oil B1-10	165	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
11	Turbine Inlet Stations B1-11	165	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
12	Turbine Bearings B1-12	170	O/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	170	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Ullage Area B2-2	170	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Ullage Structure B2-11	169	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 1 Middle Area B2-5	170	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Overflow Tanks B2-3	166	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	Rack 1 South Area B2-6	168	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	Rack 1 West B2-7	167	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	Rack 1 North Area B2-4	162	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	Overflow AFFF B2-8	159	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	170	O/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 A-4	162	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Transformer Main	160	O/C	✓	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		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 checked="" type="checkbox"/>	
2	Offices B4-3	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Electrical Room B4-4	163	O/C	✓	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"/>	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			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	✓	8/16	
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.T. by Multimedia Filters #3	O/C	✓		
10	East Side W.T. by Multimedia Filters #5	O/C	✓		
11	North Side Bldg 10 #5	O/C	✓		
12	Between MP-444's and Water Treat #4	O/C	✓		
13	West Side Power Block Valve Shed #1	O/C	✓	8/16	

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"/>	372

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/29/23 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 type="checkbox"/> N <input checked="" type="checkbox"/>	
2	SG Unit 2 B1-2	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Reheaters B1-3	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 2 West HTF B1-4	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Rack 2 East HTF B1-5	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	North Steel Pro B1-6	165	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	HTF Pumps B1-7	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	HTF Heaters B1-8	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	South Steel Pro B1-9	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Lube Oil B1-10	175	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" 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 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	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Ullage Area B2-2	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Ullage Structure B2-11	165	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 1 Middle Area B2-5	165	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Overflow Tanks B2-9	165	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	Rack 1 South Area B2-6	170	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	Rack 1 West B2-7	165	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	Rack 1 North Area B2-4	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	Overflow AFFF B2-8	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	160	✓ O/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	✓ 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"/>	Needs New Sign.

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 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	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-1 # 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-144s 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"/>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7.22.23 Operator: E. Smith

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG U-1-1	21-1	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
2	SG U-1-2	21-2	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
3	Reheaters	B-3	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
4	Rack 2 West HTF	B-4	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
5	Rack 2 East HTF	B-5	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
6	North Steel Pro	21-6	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
7	HTF Pumps	21-7	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
8	HTF Heaters	21-8	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
9	South Steel Pro	21-9	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
10	Lube Oil	21-10	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
11	Turbine Hose Stations	21-11	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
12	Turbine Bearings	21-12	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

Valve Shed # 2 by Overflow

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

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	190	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
2	Transformer Main	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Y <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	165	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	175	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
2	Offices	B4-3	175	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
3	Electrical Room	B4-4	175	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/> Y <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"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
2	Bearing 3	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
3	Bearing 4	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
4	Bearing 5	<input checked="" type="checkbox"/> Y <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	MF-201	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
2	MF-200A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
3	MF-200B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
4	MF-200C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> O/C	
5	MF-200D	<input checked="" type="checkbox"/> 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	190	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C X			
2	Maintenance Shop Drive Way #8	<input checked="" type="checkbox"/> O/C			
3	West Side Power Block by VS 3 # 5	<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-1 # 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 MF-144's and Water Treat # 4	O/C X			
13	West Side Power Block Valve Shed #1	O/C	N/A		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	<input checked="" type="checkbox"/>	374

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8-26-23 Operator: E. Davis

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 R1-1	16.5	✓ O/C		Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	16.0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	16.0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters B1-8	16.0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	16.0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	16.0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	16.0	✓ 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	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-11	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-9	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-4	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-8	16.5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFT B2-3	16.5	✓ 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 A...	16.0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	16.0	✓ 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	16.0	✓ 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
1	Control Room B4-3	16.0	✓ 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"/>	
3	Electrical Room B4-4		✓ 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 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	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/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-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 12 # 6	✓ O/C			
12	Between M ² 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"/>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8/18/23 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	160	<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	160	<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	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters B1-8	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	155	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	160	<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	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-3	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-8	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AHFF B2-9	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AHFF B2-10	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	<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	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<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	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-2	160	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-3	160	<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 3	<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 (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	<input checked="" type="checkbox"/> N <input 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	185	OPEN	<input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #1	O/C	<input checked="" type="checkbox"/>		
2	Maintenance Shop Drive Way #2	<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 # 5	<input checked="" type="checkbox"/> O/C			
12	Between MP-444's and Water Treat # 1	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
13	West Side Power Block Valve Shed #1	<input checked="" type="checkbox"/> O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Debris Check	<input checked="" type="checkbox"/> N <input type="checkbox"/>	376

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8-13-23 Operator: Erick

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	Re-heaters 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	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Prc B1-6	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	HTF Heaters	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Prc B1-9	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Entry Stations B1-11	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	162	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 B2-6	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 B2-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-8	155	✓ 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	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 B4-5	160	✓ 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	167	✓ 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 type="checkbox"/> N <input checked="" type="checkbox"/>	✓ O/C	
4	Bearing 5	Y <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	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	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	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 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		Y <input type="checkbox"/> N <input type="checkbox"/>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8/5/23 Operator: Erick C.

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	157	✓ 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	HT Heaters B1-8	150	✓ 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	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 B2-3	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	155	✓ 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	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		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	Valved out LOTO

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	167	✓ 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 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	185	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	✓		Cooling tower LOTO
7	N.W. Corner Chemical Storage #1	✓ O/C			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	East Side W.I. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 3	✓ 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

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7-24-23 Operator: Caleb

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	200	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	195	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	175	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	190	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	185	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters B1-8	200	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	150	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	50	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	02	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	60	✓ 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	185	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	200	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-1*	205	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-9	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	175	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	150	✓ 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 AFFF B2-8	175	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF 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	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	165	✓ 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		O/C ✓	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	valved work order

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	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	167	✓	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 ✓			valve shed 4 out of service
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 2 dg 12 # 3	✓ O/C			
12	Between MP-444'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

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7-22-23 Operator: Calebs

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. 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	200	✓ 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	185	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	170	✓ 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	200	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters B1-8	185	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	49	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	219	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	44	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	40	✓ 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	185	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	200	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-1-1	200	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	165	✓ 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 B2-6	175	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	195	✓ 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	Overflow A-H B2-8	175	✓ 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	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	40	✓ 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	170	✓ 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-20	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	170	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Auto Cycled	Comments
1	Maintenance Shop Drive Way #1	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.L. 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	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
620	Transformer Main Deluge Pivots	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: 9-11
Operator: Caleb	<i>*To be completed each time unit is operated.</i>
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: 0653	
Pump Suction Pressure:	Pump Discharge pressure: 168
Stop time: 0103	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 Battery volt Crank 2: 26	Battery Condition: good
Starting hour meter: 131.2	Start time: 0105
Oil pressure start: 59	Oil Pressure finish: 32
Pump Suction Pressure: 15	Pump Discharge pressure: 155
Coolant temperature after 30 minutes running: 207	
Stop time: 0128 Stop hour meter: 131.5 Total run time: 23min	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><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) 25-1 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.</small></p> <p><small>Note: fuel consumption 27 gal/hr approximately.</small></p> <p><small>Term's refer to engine operation for emergency use. (Title 17 CCR 93115.6a)(4).</small></p>	

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 9-11-23		
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: 0407			
Pump Suction Pressure: 15	Pump Discharge pressure: 168		
Stop time: 0417	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:		
Battery volt Crank 1: 25 Battery volt Crank 2: 27	Battery Condition: good		
Starting hour meter: 131.5	Start time: 0420		
Oil pressure start: 60	Oil Pressure finish: 35		
Pump Suction Pressure: 15	Pump Discharge pressure: 155		
Coolant temperature after 30 minutes running: 204			
Stop time: 0434 Stop hour meter: 131.7 Total run time: 15	January 1st 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>It's 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. Note: Fuel consumption 27 gal/h approximately. There's no limit on engine operation for emergency use. (Title 17 CCR 901.5.02)(4).</small>			

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 9-17-23
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: 165	
Start time: 0320	
Pump Suction Pressure: 15	Pump Discharge pressure: 166
Stop time: 0330	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:
Battery volt Crank 1: 26 Battery volt Crank 2: 25	Battery Condition: good
Starting hour meter: 131.7	Start time: 0332
Oil pressure start: 60	Oil Pressure finish: 34
Pump Suction Pressure: 15	Pump Discharge pressure: 155
Coolant temperature after 30 minutes running: 208	
Stop time: 0342	Stop hour meter: 131.8
Total run time: 0min	January 1st hour meter: Total YTD hours:
Comments: Stopped on 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).	
<small>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 allowable annual limits above.</small>	
<small>Note: Fuel consumption 27 gal/h approximately.</small>	
<small>There is no limit of engine operation for emergency use. (Title 17 CCR 93115.60) (4)</small>	

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 9-24-23	
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 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: 18:58			
Pump Suction Pressure: 12		Pump Discharge pressure: 147	
Stop time:		Total time running 10min	
Comments:			
Diesel Pump			
Pre-start Inspection: Coolant <input 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"/> 1/2		Monthly Fuel Consumption:	
Battery volt Crank 1: 27.1		Battery Condition: Good	
Battery volt Crank 2: 27.1		Start time: 19:10	
Starting hour meter: 131.8		Oil Pressure finish: 34psi	
Oil pressure start: 59psi		Pump Discharge pressure: 150	
Pump Suction Pressure: 22			
Coolant temperature after 30 minutes running: 210			
Stop time: 19:10		Total YTD hours:	
Stop hour meter: 131.9		Total run time: 7	
January 1 st hour meter:		Total YTD hours:	
Comments: Change air cooler temp out of range - (His 4)			
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 allowed 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 9.0115 (6)(9)(i))</p>			

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date: 2/23/23	
Operator: YAC		*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: 18 PSI		Pump Discharge pressure: 164 PSI	
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: 145 PSI			
Start time: 20:44			
Pump Suction Pressure: 18 PSI		Pump Discharge pressure: 150 PSI	
Stop time: 20:56		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: 26.6		Battery Condition: good	
Battery volt Crank 2: 26.6		Start time: 21:04	
Starting hour meter: 127.8		Oil Pressure finish: 42 PSI	
Oil pressure start: 1 PSI		Pump Discharge pressure: 160 PSI	
Pump Suction Pressure: 20 PSI			
Coolant temperature after 30 minutes running: 194 PSI after 8 min			
Stop time: 21:12		Total run time: 129.9	
Stop hour meter:		January 1st hour meter:	
Total YTD hours:			
Comments: Change air cooler High temp			
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/h approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CFR 99.15-62(a))</p>			

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 9/15/23
Operator: Delyo 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: 155psi	
Discharge Pressure: 160psi	
Pump Suction Pressure: N/A	Pump Discharge pressure: 160psi
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: 1944	
Pump Suction Pressure: 10psi	Pump Discharge pressure: 150psi
Stop time: 1954	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"/> 1/4	Monthly Fuel Consumption: N/A
Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.7	Battery Condition: <input checked="" type="checkbox"/> need to be cleaned.
Starting hour meter: 127.7	Start time: 1956.
Oil pressure start: 61psi	Oil Pressure finish: 45psi
Pump Suction Pressure: 15psi	Pump Discharge pressure: 165psi
Coolant temperature after 30 minutes running: 194psi	
Stop time: 2004 Stop hour meter: 127.8 Total run time: 8mins	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 company 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) 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: 24.27 gal/hr approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CCR 52115.6(a)(2))</p>	

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 9/11/23		
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: 0015			
Pump Suction Pressure: 20	Pump Discharge pressure: 150		
Stop time: 0025	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: 127.6	Start time: 0000 0028		
Oil pressure start: 1	Oil Pressure finish: 41		
Pump Suction Pressure: 20	Pump Discharge pressure: 150		
Coolant temperature after 30 minutes running: 198 after 10 min			
Stop time: 0038 Stop hour meter: 127.7 Total run time: 10 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 diesel fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire and due to low fire water pressure. In addition, the 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 routine testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption 27 gal/h approximate.</p> <p>There's no limit on engine operation for emergency use. (Title 17, CCR 92115.6002)</p>			

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	<input type="checkbox"/>	Date: 9/3/23
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: 2308			
Pump Suction Pressure: 20		Pump Discharge pressure: 150	
Stop time: 2318		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 Condition: Good	
Battery volt Crank 2: 26		Start time: 2321	
Starting hour meter: 127.4		Oil Pressure finish: 41	
Oil pressure start: 1		Pump Discharge pressure: 150	
Pump Suction Pressure: 20		Pump Discharge pressure: 150	
Coolant temperature after 30 minutes running: 199 after 14 min			
Stop time: 2335		Total YTD hours:	
Stop hour meter: 127.6		January 1 st hour meter:	
Total run time:			
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 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 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) 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/h approx. only.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CCR 9311.6.0311)</p>			

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 9/30/23 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 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 - IIT B1-4	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East - IIT 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	158	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF 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	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	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	145	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	U-lege Area B2-2	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	U-lege Structure B2-11	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	145	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 B2-6	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 B2-4	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-8	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	0	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Valved out

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	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	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Needs new sign

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 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	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	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by WS-3 # 9	O/C			
4	West Side Power Block by WS-1 # 10	O/C			
5	West Side Cooling Tower by WS-4 # 11	O/C			
6	West Side Cooling Tower by WS-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 Ref. #1 Check	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	389

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 9/23/23 Operator: Picop R

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. 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	Relheaters B1-3	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HT B1-4	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HT 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	-TF Pumps B1-7	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	-TF 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	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	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	Lullage Area B2-2	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Lullage Structures B2-3	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Mirdlin 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	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 AFFF B2-10	0	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	valved out.

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 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	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Need New Sign.

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	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-3	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	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	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 # 10 # 4	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"/>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 9/16/23 Operator: PMT

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
2	SG Unit 2 B1-2	162	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
3	Reheaters B1-3	162	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
4	Rack 2 West HTF B1-4	160	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
5	Rack 2 East HTF B1-5	169	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
6	North Steam Pro B1-6	164	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
7	HTF Pumps B1-7	159	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
8	HTF Heaters B1-8	161	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
9	South Steel Pro B1-9	162	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
10	Lube Oil B1-10	169	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
11	Turbine Hose Stations B1-11	158	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
12	Turbine Bearings B1-12	169	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	0	O/O	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
2	Ullage Area B2-2	162	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
3	Ullage Structure B2-11	0	O/O	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
4	Rack 1 Middle Area B2-5	0	O/O	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
5	Overflow Tanks B2-9	160	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
6	Rack 1 South Area B2-6	0	O/O	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
7	Rack 1 West B2-7	0	O/O	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
8	Rack 1 North Area B2-4	0	O/O	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
9	Over flow AFFF B2-8	0	O/O	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	0	O/O	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	162	O/C	162 ✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
2	Transformer Main	160	O/C	160 ✓	<input checked="" type="checkbox"/> <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	0	O/O	✓	<input checked="" type="checkbox"/> <input checked="" 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	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
2	Offices B4-3	160	O/C	✓	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
3	Electrical Room B4-4	160	O/C	✓	<input checked="" type="checkbox"/> <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	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	O/C	
2	Bearing 3	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	O/C	
3	Bearing 4	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	O/C	
4	Bearing 5	<input checked="" 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"/> <input checked="" type="checkbox"/>	O/C	
2	MP-200A	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	O/C	
3	MP-200B	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	O/C	
4	MP-200C	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	O/C	
5	MP-200D	<input checked="" 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	176	O	<input checked="" type="checkbox"/> <input checked="" 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	Last 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	391	Comments / Actions	G70-16-0040-MT-FOR-00027
1	Transformer Yard Refuse Check	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	09/26/2023	Page 1 of 1	

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 9-9-2013 Operator: *J. Garcia*

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	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 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	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF - valves 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	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	0	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 Vessels B2-1	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	URage Area B2-2	170	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	URage Struc. Lin B2-3	155	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	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	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF 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	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	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
1	Control Room B4-1	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-2	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-3	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	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	✓	09-09-13	
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 Fillers # 3	O/C	✓		
10	East Side W.T. by Multimedia Fillers # 5	O/C	✓		
11	North Side Bldg 10 # b	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	392	Comments / Actions	670-16-0040-NI-FOR-00002
1	Transformer Yard Refuse Cherk	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	09/24/2013	Page 1 of 1	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 9-2-23 Operator: JSatal

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	81-1	130	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	SG Unit 2	81-2	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Reheaters	81-3	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West HTF	81-4	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East HTF	81-5	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	81-6	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	HTF Pumps	81-7	115	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	HTF Heaters	81-8	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	81-9	140	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	81-10	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
11	Turbine Hose Stations	81-11	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	81-12	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	82-1	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Ullage Area	82-2	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Ullage Structure	82-11	0	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	82-5	135	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Overflow Tanks	82-9	135	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	82-6	25	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	82-7	0	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	82-4	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	Over Flow AIF	82-8	0	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFFF	82-3	135	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	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	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	84-5	175	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Offices	84-3	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	84-4	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	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/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-44's and Water Tower # 4	O/C	✓		
13	West Side Power Block Valve Shed #1	O/C	✓		

To Be Cycled First Saturday of Every Month

No.	System	Debris	393	Comments / Actions	G70-16-0040-MT-FOR-000027
1	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	10/24/2015	ag: or 1	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 9-16 Operator: Erick C.

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	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	165	✓ 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	HIF Pumps B1-7	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HIF Heaters B1-8	165	✓ 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 Inlet 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	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 B2-5	165	✓ 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 B2-6	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 B2-4	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-8	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 A.M.	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer M.M.	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 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	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Offices B4-3	165	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Electrical Room B4-4	160	✓ O/C	✓	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"/>	✓ 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	160	0	Y <input type="checkbox"/> N <input checked="" 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.L. 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 Pldg 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	394	Comments / Actions	G70-16-0040-MT-FOR-000037
1	Transformer Yard Refuse Check	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA Date: 9-2-23 Operator: Esraia Marks

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 Steel Pro B1-6	160	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	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 Station B1-11	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	0	O/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	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 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	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	Overflow AFFF B2-8	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	165	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	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
1	Control Room B4-5		O/C		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	locked door
2	Offices B4-3		O/C		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Electrical Room B4-4		O/C		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"/>	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 type="checkbox"/> N <input checked="" type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Main Entrance Shop Drive Way #7	O/C	✓		
2	Main Entrance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 # 5	✓ 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 Fibers # 3	✓ O/C			
10	East Side W.T. by Multimedia Fibers # 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	395	Comments / Actions	G70-16-0040-MT-FOR-00007
1	Transformer Vault Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	09/02/2023	Page 1 of 1	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 9/24/23 Operator: Caleb Sowards

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	145	✓ 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	175	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	North Slee. Pm	B1-6	185	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	HTF Pumps	B1-7	31	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	HTF Heaters	B1-8	175	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	B1-9	145	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Turbo Oil	B1-10	110	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
11	Turbine Hose Stations	B1-11		✓	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Max
12	Turbine Bearings	B1-12		✓	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Max

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	U'age Area	B2-2	145	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	U'age Structure	B2-3	145	✓ 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 AFTT	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		145	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Transformer Main		145	✓ 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		145	✓ 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		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Offices	B4-2		✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	B4-3		✓ 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	167	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

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

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Re-use Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	396

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 10/25/23 Operator: *[Signature]*

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 31-1	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 31-2	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 HTF B1-4	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steer 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	Oil 31-10	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 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 32-11	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 B2-6	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West 32-7	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	Overflow AFFF B2-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF 32-3	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	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 34-5	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices 34-3	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B1-4	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	120	✓	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	X		
4	West Side Power Block by VS-1 #10	✓ O/C	X		
5	West Side Cooling Tower by VS-4 #11	✓ O/C	X		
6	West side Cooling Tower by VS-1 #12	✓ O/C	X		
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 Multimedia Filters #3	✓ O/C	X		
10	East Side W.T. by Multimedia Filters #5	✓ O/C	X		
11	North Side Bldg 10 #6	✓ 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	X		

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 checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 10-26-23		
Operator: <i>Isaiah</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:			
Pump Suction Pressure: NA	Pump Discharge pressure: NA		
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: 140			
Pump Suction Pressure: 15	Pump Discharge pressure: 150		
Stop time: 150	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 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: <i>[Signature]</i>		
Starting hour meter: 128.5	Start time: 155		
Oil pressure start: 1	Oil Pressure finish: 40		
Pump Suction Pressure: 15	Pump Discharge pressure: 150		
Coolant temperature after 30 minutes running: 201			
Stop time: 205 Stop hour meter: 178.6 Total run time: 10	January 1 st hour meter:	Total YTD hours:	
Comments: High air cooler range 570192			
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 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 "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 98115.0(a)(4)</small>			

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date:		
Operator: <i>Isaiah Arguelles</i>	*To be completed each time unit is operated.		
Reason for running pumps: Weekly test <input 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: <i>155</i>			
Discharge Pressure: <i>165</i>			
Pump Suction Pressure: <i>15</i>	Pump Discharge pressure: <i>162</i>		
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 <i>145</i>			
Start time: <i>106</i>			
Pump Suction Pressure: 15 <i>15</i>	Pump Discharge pressure: 162 <i>150</i>		
Stop time:	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: <i>26</i> Battery volt Crank 2: <i>26</i>	Battery Condition: <input checked="" type="checkbox"/>		
Starting hour meter: <i>128.3</i>	Start time: <i>119</i>		
Oil pressure start: <i>16/59</i>	Oil Pressure finish: <i>39</i>		
Pump Suction Pressure: <i>15</i>	Pump Discharge pressure: <i>150</i>		
Coolant temperature after 30 minutes running: <i>199</i>			
Stop time: <i>133</i> Stop hour meter: <i>128.5</i> Total run time: <i>14</i>	January 1 st hour meter:	Total YTD hours:	
Comments: <i>Charge air cooler range</i>			
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. Add time to 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) 2011 "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. max.</small>			
<small>There is no limit on engine operation for emergency use. (Title 17 CCR 93715.6a(4))</small>			

Fire Pump Weekly Test Log

General Information			
Plant:	Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 10.21.22
Operator:	I Sapol		*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:			
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:	241		
Pump Suction Pressure:	15	Pump Discharge pressure:	150
Stop time:	251	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 checked="" type="checkbox"/>
Fuel level > 2/3:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Monthly Fuel Consumption:
Battery volt Crank 1:	25	Battery volt Crank 2:	26
Starting hour meter:	132.4	Battery Condition:	✓
Oil pressure start:	1	Start time:	254
Pump Suction Pressure:	15	Oil Pressure finish:	35
Coolant temperature after 30 minutes running:	118	Pump Discharge pressure:	150
Stop time: 263 263	Stop hour meter: 132.5	Total run time: 10	January 1st hour meter: Total YTD hours:
Comments:	Charge air cooler temp High 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 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) 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. (1) 17 C.F.R. 93.115.0(a)(4)</p>			

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 10-16-23		
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 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: 155 155			
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: 0355			
Pump Suction Pressure: 15		Pump Discharge pressure: 161	
Stop time: 0405		Total time running 10min	
Comments:			
Diesel Pump			
Pre-start Inspection: Coolant <input type="checkbox"/> Oil <input type="checkbox"/> Mechanical <input type="checkbox"/> Valves <input type="checkbox"/> Water Jacket Heater <input type="checkbox"/>			
Fuel level > 2/3: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Monthly Fuel Consumption:		
Battery volt Crank 1: 27	Battery volt Crank 2: 26	Battery Condition: good	
Starting hour meter: 132.2		Start time: 0405 4:05	
Oil pressure start: 65		Oil Pressure finish: 34	
Pump Suction Pressure: 15		Pump Discharge pressure: 155	
Coolant temperature after 30 minutes running: 204			
Stop time: 0420	Stop hour meter: 132.4	Total run time: 15	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 diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire and/or low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 12 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>*There is no limit on engine operation for emergency use. (Title 17 CCR 3815-6-3(4))</p>			

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA SETA: Date: 10/21/23 Operator: Anthony V

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 Steel Prc B1-6	155	✓ 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 Prc 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 - osc 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 B2-11	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 B2-6	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 B2-4	160	✓ 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 AFI 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 Mair	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	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electric 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	150	OPEN	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #1	✓ 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-144'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"/>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 10/14/23 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	3'-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	SG Unit 2	3'-2	175	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Reheaters	8'-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West HTF	81-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East HTF	81-5	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	8'-6	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	HTF Pumps	81-7	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	IITF Heaters	81-8	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	81-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	81-10	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
11	Turbine Hose Stations	81-11	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	81-12	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	82-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	U-lage Area	82-2	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	U-lage Structure	82-11	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	82-5	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Overflow Tanks	82-9	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	82-6	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	82-7	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	82-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	Overflow AFFF	82-8	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFFF	82-3	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	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	0/5	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	✓ Gived out

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	84-5	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Offices	84-3	O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room	84-4	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 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	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			
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 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: 10/7/23
Operator: <i>Diego Rodriguez</i>	<i>To be completed each time unit is operated.</i>
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: <i>155 psi</i>	
Discharge Pressure: <i>160 psi</i>	
Pump Suction Pressure: <i>N/A</i>	Pump Discharge pressure: <i>165 psi</i>
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: <i>145 psi</i>	
Start time: <i>1948</i>	
Pump Suction Pressure: <i>10 psi</i>	Pump Discharge pressure: <i>150 psi</i>
Stop time: <i>1958</i>	Total time running <i>10 mins</i>
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: <i>N/A</i>
Battery volt Crank 1: <i>26.7</i> Battery volt Crank 2: <i>26.7</i>	Battery Condition: <i>Good/need cleaning</i>
Starting hour meter: <i>128.1</i>	Start time: <i>2000</i>
Oil pressure start: <i>64 psi</i>	Oil Pressure finish: <i>44 psi</i> <i>40 psi</i>
Pump Suction Pressure: <i>15 psi</i>	Pump Discharge pressure: <i>165 psi</i>
Coolant temperature after 30 minutes running: <i>205 °F</i>	
Stop time: <i>2014</i> Stop hour meter: <i>128.3</i> Total run time: <i>14 mins</i>	January 1 st hour meter: Total YTD hours:
Comments: <i>High Temp ALARM.</i>	
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 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' (10th ed. 2017). 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 99.13.6(a)(9)</small>	

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date: 10/1/23	
Operator: VAT		*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 type="checkbox"/> Mechanical <input type="checkbox"/> Valves <input type="checkbox"/>			
Check the jockey pump on pressure drop. Start up pressure: 155 pSE			
Discharge Pressure: 165 pSE			
Pump Suction Pressure: 20 pSE		Pump Discharge pressure: 166 pSE	
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: 145 pSE			
Start time: 19:48			
Pump Suction Pressure: 20 pSE		Pump Discharge pressure: 150 pSE	
Stop time: Total time running 18 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: 26.6		Battery Condition: good	
Battery volt. Crank 2: 26.6		Start time: 20:02	
Starting hour meter: 127.9		Oil Pressure start: 58 pSE	
Oil pressure start: 58 pSE		Oil Pressure finish: 41 pSE	
Pump Suction Pressure: 21 pSE		Pump Discharge pressure: 161 pSE	
Coolant temperature after 30 minutes running: 205°F after 19 minutes running			
Stop time: 20:26		Stop hour meter: 128.1	
Total run time: 14 min		January 1st 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).			
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, confined 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 gph/h approximately.</small>			
<small>There is no limit on engine operation for emergency use. Title 17, CCR 99-15-0005</small>			

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 10-8-23
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: 347	
Pump Suction Pressure: 15	Pump Discharge pressure: 167
Stop time: 357	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:
Battery volt Crank 1: 27 Battery volt Crank 2: 26	Battery Condition: good
Starting hour meter: 132.0	Start time: 0358
Oil pressure start: 62	Oil Pressure finish: 36
Pump Suction Pressure: 15	Pump Discharge pressure: 255
Coolant temperature after 30 minutes running: 208	
Stop time: 408 Stop hour meter: 132.1 Total run time: 10min	January 1st hour meter: Total YTD hours:
Comments: High temp.	
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 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 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 94115.02(4))</p>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

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

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	162	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	163	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF R1-4	161	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	159	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	158	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	158	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters B1-8	159	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	166	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	162	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 checked="" type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	163	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	164	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-11	164	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	162	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	163	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	162	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 2 North Area B2-4	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF B2-8	170	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	172	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	171	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	170	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 checked="" 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
2	Offices B4-3		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4		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 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	181	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-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 # E	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 Reference Check	Y <input type="checkbox"/> N <input type="checkbox"/>	