

DOCKETED

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Document Title:	Segment 003 of COMPLIANCE7-09-00 Mojave Solar Project 2025 Annual Compliance Report (09-AFC-05C)
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Organization:	Abengoa Solar
Submitter Role:	Applicant
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Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date: 3/8/25	
Operator: Marcelino S.		Try to complete each time which 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: 135			
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: 135 145			
Start time: 0605			
Pump Suction Pressure: 20		Pump Discharge pressure: 150	
Stop time: 0615		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: 27. Battery volt Crank 2: 27		Battery Condition: good	
Starting hour meter: 132		Start time: 0620	
Oil pressure start: 135 0		Oil Pressure finish: 172	
Pump Suction Pressure: 20		Pump Discharge pressure: 150	
Coolant temperature after 30 minutes running:			
Stop time: 0630		Stop hour meter: 132	Total time running: 10 min
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<p>This new diesel fire pump engine (s) is limited to use for emergency fire suppression, defined as a response to a fire or other emergency. The water pressure build time for 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 pump capacity 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 21 gal/h approximately.</p> <p>There is no limit on engine operation for emergency use (Title 17 CCR 93115.0004)</p>			

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA Date: 3/8/25 Operator: Marcus S.

Valve Shed # 1 by Condensers

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Headers	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steam Pro	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings	155	OK	✓	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	160	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Ullage Area	155	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Ullage Structure	160	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 1 Middle Area	160	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Overflow Tanks	160	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	Rack 1 South Area	160	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	Rack 1 West	155	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	Rack 1 North Area	160	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	Overflow AFFF	155	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Expansion Vessel A-F	155	OK	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

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

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	OK	✓	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	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

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

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

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

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

Fire Pump House Deluge System

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

PIV Checks

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

To Be Cycled First Saturday of Every Month

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Yard Refuse Check				Y <input type="checkbox"/> N <input type="checkbox"/>	

Fire Pump Weekly Test Log

General Information		
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 3/2/25	
Operator: <i>Sonal Garcia</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: 145 psi		
Discharge Pressure: 165 psi		
Pump Suction Pressure: <i>W/P</i>	Pump Discharge pressure: 165"	
Comments:		
Electric Pump		
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Start the pump on pressure drop. Start up pressure: 145 psi		
Start time: 1951		
Pump Suction Pressure: 140 psi	Pump Discharge pressure: 165 160 psi	
Stop time: 2001	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 type="checkbox"/>	Monthly Fuel Consumption:	
Battery volt Crank 1: 26. Battery volt Crank 2: 26	Battery Condition: <i>good need cleaning</i>	
Starting hour meter: 1329	Start time: 2001	
Oil pressure start: 50	Oil Pressure finish: 50	
Pump Suction Pressure: 145 psi	Pump Discharge pressure: 165 psi	
Coolant temperature after 30 minutes running: <i>111 5min = 178</i>		
Stop time: 2009	Stop hour meter: 1329	Total time running: <i>5min</i>
Comments: <i>Low on coolant</i>		
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).		
<p>This is a direct fire pump engine that is intended to use for emergency fire suppression. In addition, this engine shall be operated no more than 90 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) 25-17 Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems (current edition). The hours of operation for abuse testing will not be counted towards either of the allowable total limits above.</p> <p>Note: Fuel consumption 27 gal/hr approximately.</p> <p>There shall not be engine operation for emergency use. (Title 17 CFR 95115.6(a)(4))</p>		

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 2/28/25 Operator: *Marcelino S.*

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	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheater	165	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West 1-1	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East 1-1	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Subs Pro	155	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	HTF Heaters	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Subs Pro	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Sub C	150	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
11	Turbine Inse 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 Vessel	165	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Ullage Area	165	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Ullage Structure	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 1 Middle Area	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Overflow Tanks	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	Rack 1 South Area	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	Rack 1 West	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	Rack 1 North Area	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9	Over Low Aff		O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Expansion Vessel AFF		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	140	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"/>	

Valve Shed # 5 by Control Bldg 10

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

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Warehouse/Maintenance Shop Drive Way #1	O/C	✓		
2	Warehouse/Maintenance Shop Drive Way #2	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 424's and Water Treat # 4	O/C	✓		
13	Beta Only West Side Power Block Valve Shed # 1	O/C	✓		

To Be Cycled First Saturday of Every Month

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 3/29/25		
Operator: Erick C.	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.		
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: 160			
Pump Suction Pressure: 174	Pump Discharge pressure: 160		
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: 18:46			
Pump Suction Pressure: 15	Pump Discharge pressure: 152		
Stop time: 18:56 Total time running			
Comments: Sump over filled or clogged.			
Diesel Pump			
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input 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: 27.0 Battery volt Crank 2: 27.0	Battery Condition: 9009		
Starting hour meter: 137.3 / 11	Start time: 18:56		
Oil pressure start: 58	Oil Pressure finish: 44		
Pump Suction Pressure: 22 psi	Pump Discharge pressure: 150		
Coolant temperature after 30 minutes running: 196			
Stop time: 19:03 Stop hour meter: 137.4 Total run time: 7	January 1 st hour meter:	Total YTD hours:	
Comments: 1760 RPM's.			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25- Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowed annual limits above. Note: Fuel consumption 27 gal/h approximately. There is no limitation on engine operation for emergency use. (Title 17 CLS 99715.60(a))</small>			

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3/29/25 Operator: Diego P.

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	81-1	50	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
2	SG Unit 2	81-2	0	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
3	Reheaters	81-3	SS	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
4	Rack 2 West HTF	81-4	145	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
5	Rack 2 East HTF	81-5	150	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
6	North Steel Pro	81-6	0	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
7	HTF Pumps	81-7	155	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
8	HTF Heaters	81-8	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
9	South Steel Pro	81-9	165	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
10	Lube Oil	81-10	0	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
11	Turbine Hose Stations	81-11	0	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
12	Turbine Bearings	81-12	140	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

Valve Shed # 2 by Overflow

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	82-1	170	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
2	Ullage Area	82-2	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
3	Ullage Structure	82-3	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
4	Rack 1 Middle Area	82-4	165	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
5	Overflow Tanks	82-5	170	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
6	Rack 1 South Area	82-6	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
7	Rack 1 West	82-7	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
8	Rack 1 North Area	82-8	155	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
9	Over flow AFFF	82-9	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
10	Expansion Vessel AFFF	82-10	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux		130	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
2	Transformer Main		155	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

Valve Shed # 4 by Cooling Tower West Side

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

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	84-1	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
2	Offices	84-2	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
3	Electrical Room	84-3	160	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	Vlv. Pos.	Comments
1	Bearing 2	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	O/C	
2	Bearing 3	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	O/C	
3	Bearing 4	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	O/C	
4	Bearing 5	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	O/C	

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

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

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	170	0	<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			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS-4 # 11	O/C			
6	West side Cooling Tower by VS-4 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

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

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 3/24/25	
Operator: Anthony		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
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: 2335			
Pump Suction Pressure: 15		Pump Discharge pressure: 150	
Stop time: 2345		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: 24		Start time: 2348	
Starting hour meter: 137.2		Oil Pressure finish: 45	
Oil pressure start: 1		Pump Discharge pressure: 150	
Pump Suction Pressure: 15			
Coolant temperature after 30 minutes running: 196 after 8 min			
Stop time: 2355		Total YTD hours:	
Stop hour meter: 137.3		Total run time: 8 min	
January 1 st hour meter: Total YTD hours:			
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one 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 9311.6(a)(4)]</p>			

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3/21/25 Operator: Taylor

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	21-1	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
2	SG Unit 2	21-2	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
3	Reheaters	21-3	155	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West HTF	21-4	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East HTF	21-5	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	21-6	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
7	HTF Pumps	21-7	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
8	HTF Heaters	21-8	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	21-9	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	21-10	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
11	Turbine Inlet Stations	21-11	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	21-12	155	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	22-1	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
2	Ullage Area	22-2	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
3	Ullage Structure	22-3	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	22-4	155	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
5	Overflow Tanks	22-5	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	22-6	155	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	22-7	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	22-8	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
9	Overflow AFFF	22-9	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AHT	22-10	160	O/C	<input checked="" type="checkbox"/>	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		150	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
2	Transformer Main		160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side		160	O/C	<input checked="" type="checkbox"/>	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	24-5	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
2	DFires	24-3	160	O/C	<input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	24-4	160	O/C	<input checked="" type="checkbox"/>	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	140	<input checked="" type="checkbox"/>	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-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'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"/>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 3/17/25
Operator: Anthony	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: 1854	
Pump Suction Pressure: 20	Pump Discharge pressure: 150
Stop time: 1904	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: 24	Battery Condition: Good
Starting hour meter: 137.1	Start time: 1906
Oil pressure start: 1	Oil Pressure finish: 44
Pump Suction Pressure: 20	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 196 after 8 minutes	
Stop time: 1914 Stop hour meter: 137.2 Total run time: 8 min	January 1 st hour meter: Total YTD hours:
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25- Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems* (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/h approximately. There is no limit on engine operation for emergency use. Title 17 CCR 93115.6(a)(ii)</small>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3/14/25 Operator Taylor

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 31-1	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 31-2	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters 41-5	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF 31-6	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF 31-7	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro 31-8	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	HTF Purms 21-7	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters 61-8	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro 31-9	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil 61-10	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations 41-11	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings 31-12	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels 62-1	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area 32-2	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure 62-3	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area 32-4	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks 32-5	155	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area 32-6	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West 32-7	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area 32-8	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF 62-9	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF 32-10	155	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		O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main		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"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room 32-1	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Offices 32-2	160	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room 32-3	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	140	10	Y <input type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	O/C ✓			
3	West Side Power Block by VS-3 # 9	O/C ✓			
4	West Side Power Block by VS-1 # 10	O/C ✓			
5	West Side Cooling Tower by VS-4 # 11	O/C ✓			
6	West Side Cooling Tower by VS-4 # 12	O/C ✓			
7	N.W. Corner Chemical Storage #1	O/C ✓			
8	N.E. Corner Chemical Storage #2	O/C ✓			
9	East Side W.T. by Multimedia Filters # 3	O/C ✓			
10	East Side W.T. by Multimedia Filters # 5	O/C ✓			
11	North Side Bldg #0 # 6	O/C ✓			
12	Between MP 444's and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	O/C ✓			

To Be Cycled First Saturday of Every Month

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

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 3/8/25	
Operator: Anthony		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
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: 0604			
Pump Suction Pressure: 20		Pump Discharge pressure: 150	
Stop time: 0614		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: 24		Start time: 0619	
Starting hour meter: 137.0		Oil Pressure finish: 46	
Oil pressure start: 1		Pump Discharge pressure: 150	
Pump Suction Pressure: 20			
Coolant temperature after 30 minutes running: 187 after 6 min			
Stop time: 0625		Stop hour meter: 137.1	
Total run time: 6 min		January 1 st hour meter: Total YTD hours:	
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one 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)(2))</p>			

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3/8/25 Operator: Anthony V.

Valve Shed # 1 by Condenser						Comments
No.	System	PSI	Viv. Pos.	Signage	Locked	
1	SG Unit 1	155	✓ 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	155	✓ 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	HTF Heaters	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine-Hose Stations	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
Valve Shed # 2 by Overflow						Comments
No.	System	PSI	Viv. Pos.	Signage	Locked	
1	Expansion Vessels	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West	155	✓ 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	Overflow AFFF	160	✓ 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						Comments
No.	System	PSI	Viv. Pos.	Signage	Locked	
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						Comments
No.	System	PSI	Viv. Pos.	Signage	Locked	
1	Cooling Tower West Side	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
Valve Shed # 5 by Control Bldg 10						Comments
No.	System	PSI	Viv. Pos.	Signage	Locked	
1	Control Room	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices	155	✓ 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)						Comments
No.	System	Locked	Viv. Pos.			
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)						Comments
No.	System	Locked	Viv. Pos.			
1	MP-231	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						Comments
No.	System	PSI	O/C	Locked		
1	Fire Pump Aux Deluge	160	open	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		
PIV Checks						Comments
No.	System	Position	Cycled	Date Cycled		
1	Warehouse/Maintenance Shop Drive Way #7	✓ O/C	✓			
2	Warehouse/Maintenance Shop Drive Way #8	✓ O/C	✓			
3	West Side Power Block by VS-3 # 3	✓ 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 13 # 5	✓ O/C	✓			
12	Between MP-444's and Water Treat # 4	✓ O/C	✓			
13	Beta Only West Side Power Block Valve Shed # 1	✓ O/C	✓			
To Be Cycled First Saturday of Every Month						
Comments / Actions						FD-05M-MV-01A
No.	System	Position	Cycled	Date Cycled		
1	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 3/1/25 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	155	✓ 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	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West - TF	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East - TF	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Main Steam Pro	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	-TF Heaters	150	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings	155	✓ 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	170	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Usage Area	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Usage Structure	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area	170	✓ 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 1 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	Overflow AFFF	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel A/H	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 A/X	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer W/X	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	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Office	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

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

No.	System	Locked	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 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	190	OPEN	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Warehouse/Maintenance Shop Drive Way #7	✓ O/C			
2	Warehouse/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 11 by Multimedia H 1 # 3	✓ O/C			
10	East Side W 11 by Multimedia H 1 # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP-111 and Water Treat # 4	✓ O/C			
13	Between West Side Power block Valve Shed #1	✓ O/C			

Fire Pump Weekly Test Log

General Information				
Plant:	Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date:	4/5/25
Operator:	Diego Rodriguez		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
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: 110 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: 2346				
Pump Suction Pressure: 10 psi		Pump Discharge pressure: 150 psi		
Stop time: 2356		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:	N/A
Battery volt Crank 1:	26.9	Battery volt Crank 2:	27	Battery Condition: <input checked="" type="checkbox"/>
Starting hour meter:	133.0	Start time:	2357	
Oil pressure start:	56 psi	Oil Pressure finish:	50 psi	
Pump Suction Pressure: 10 psi		Pump Discharge pressure: 150 psi		
Coolant temperature after 30 minutes running:				
Stop time:	0000	Stop hour meter:	133.0	Total run time: 3 mins
January 1 st hour meter:		Total YTD hours:		
Comments: Coolant level low.				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).				
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/hr approximately. There is no limit on engine operation for emergency use. Title 17 CCR 39115.6(a)(4)</small>				

Fire Pump Weekly Test Log

General Information				
Plant:	Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date:	4/14/25
Operator:	Jose Garcia		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
Reason for running pumps:	Weekly test <input checked="" type="checkbox"/>	Maintenance <input type="checkbox"/>	Emergency <input type="checkbox"/>	
Jockey Electric Pump				
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure:	155 psi			
Discharge Pressure:	165 psi			
Pump Suction Pressure:			Pump Discharge pressure:	165
Comments:				
Electric Pump				
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure:	145 psi			
Start time:	0034			
Pump Suction Pressure:	15 psi	Pump Discharge pressure:		150 psi
Stop time:	0044	Total time running		10 min
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 type="checkbox"/>	No <input type="checkbox"/>	Monthly Fuel Consumption:	
Battery volt Crank 1:	Battery volt Crank 2:		Battery Condition:	
Starting hour meter:			Start time:	
Oil pressure start:			Oil Pressure finish:	
Pump Suction Pressure:			Pump Discharge pressure:	
Coolant temperature after 30 minutes running:				
Stop time:	Stop hour meter:	Total run time:	January 1 st hour meter:	Total YTD hours:
Comments:				
Didnt Run Diesel pump Due too coolant Reservoir Being				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis) Completely Empty.....				
<small>This new direct drive fire pump's engine shall be limited to use for emergency fire suppression, defined as in response to a live 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 pump outage 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 on 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. [Title 17 CCR 93-113.6(a)(4)]</small>				

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date: 4/20/25	
Operator: <i>Antone P</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: <i>N/A</i>			
Pump Suction Pressure: <i>N/A</i>		Pump Discharge pressure: <i>N/A</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			
Start time: 1955			
Pump Suction Pressure: 2		Pump Discharge pressure: 60	
Stop time: 2005		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:	Battery volt Crank 2: <input checked="" type="checkbox"/>	Battery Condition: <input checked="" type="checkbox"/>	
Starting hour meter: 133.0		Start time: 2010	
Oil pressure start: 1		Oil Pressure finish: 53	
Pump Suction Pressure: 5		Pump Discharge pressure: 155	
Coolant temperature after 30 minutes running: 178			
Stop time: 2013	Stop hour meter: 133.0	Total time running: 3min	
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<p>This non-diesel fire pump engine shall be limited to use for emergency fire suppression (refined oil) in response to a fire or due to low fire water levels. In addition, this engine shall be operated no more than 100 hours 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) standards for fire inspection, testing, and maintenance of Water Based Fire Systems (documented). The hours of operation for testing will not be counted towards either of the allowable annual limits above.</p> <p>Note: Fuel consumption 22 gal/h approximately.</p> <p>Link to the user manual for operation for emergency use: Title 17, Code of Regulations 440</p>			

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 4/26/25		
Operator: Anthony V.	*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: 161			
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: 2204			
Pump Suction Pressure: 15		Pump Discharge pressure: 150	
Stop time: 2214		Total time running 10 min	
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 type="checkbox"/> No <input type="checkbox"/>	Monthly Fuel Consumption:		
Battery volt Crank 1: _____	Battery volt Crank 2: _____	Battery Conditions:	
Starting hour meter:		Start time:	
Oil pressure start:		Oil Pressure finish:	
Pump Suction Pressure:		Pump Discharge pressure:	
Coolant temperature after 30 minutes running:			
Stop time:	Stop hour meter:	Total time running:	
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<small>This diesel engine fire pump engine shall not be used for emergency fire suppression, defined as in response to a fire or other low flow water pressure. In addition, the engine shall be operated for no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current editions). The hours of operation for such testing shall not be counted toward the total of the allowable annual limit hours.</small>			
<small>Note: Fuel consumption 27 gal/hr approximately.</small>			
<small>There is no limit on engine operation for emergency use. Title 17 CFR 941.56(a)(4)</small>			

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 4/5/25		
Operator: Diego Rodriguez	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.		
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency LI <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: 168 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: 2233	Pump Suction Pressure: 15 psi		
Pump Discharge pressure: 150 psi		Stop time: 2243	
Total time running: 10 mins.		Comments: Sump pump does not work notification created.	
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 Condition: <input checked="" type="checkbox"/>	
Battery volt Crank 1: 27	Battery volt Crank 2: 27	Starting hour meter: 137.4	
Start time: 2244		Oil pressure start: 61	
Oil Pressure finish: 51		Pump Suction Pressure: 20 psi	
Pump Discharge pressure: 150 psi		Coolant temperature after 30 minutes running:	
Stop time: 2247	Stop hour meter: 137.4	Total run time: 3 mins	January 1 st hour meter: Total YTD hours:
Comments: Coolant level starting to get low.			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<small>If it is a 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.</small>			
<small>Note: Fuel consumption 27 gal/h approximately.</small>			
<small>There is no limit on engine operation for emergency use. (Title 17 CCR 93115.6(a)(4))</small>			

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 4/12/25
Operator: Diego Rodriguez	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: 77psi	
Pump Suction Pressure: N/A	Pump Discharge pressure: 107psi
Comments: USS 34-5 GOES OFF WHILE TESTING OF JOCKEY PUMP	
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: 0004	
Pump Suction Pressure: 15psi	Pump Discharge pressure: 150psi
Stop time: 0014	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: N/A.
Battery volt Crank 1: 27 Battery volt Crank 2: 27.	Battery Condition: Good.
Starting hour meter: 137.4	Start time: 0015
Oil pressure start: 61psi	Oil Pressure finish: 48psi
Pump Suction Pressure: 20psi	Pump Discharge pressure: 150psi
Coolant temperature after 30 minutes running: N/A.	
Stop time: 0020 Stop hour meter: 137.4 Total run time: 5mins. January 1st hour meter: 113.2 Total YTD hours: 24.2	
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p><small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current 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/h approximately.</small></p> <p><small>There is no limit on engine operation for emergency use. (Title 17 CCR 98115.6)(4)</small></p>	

Fire Pump Weekly Test Log

General Information			
Plant:	Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date:	4/20/25
Operator:	Erick	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
Reason for running pumps: Weekly test <input type="checkbox"/> Maintenance <input checked="" 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: 168			
Pump Suction Pressure: n/a		Pump Discharge pressure: 168	
Comments: Continued to run while other pumps are under test			
Electric Pump			
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>		
Start the pump on pressure drop. Start up pressure: 145			
Start time: 19:54			
Pump Suction Pressure: 15		Pump Discharge pressure: 152	
Stop time: 20:04		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: 26.9	Battery volt Crank 2: 26.9	Battery Condition: Good.	
Starting hour meter: 137.4		Start time: 20:05	
Oil pressure start: 59		Oil Pressure finish: 44	
Pump Suction Pressure: 24		Pump Discharge pressure: 150	
Coolant temperature after 30 minutes running: 199			
Stop time: 20:10		Stop hour meter: 137.5	Total run time: 5, January 1 st hour meter: Total YTD hours:
Comments: 1760 RPM			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "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 is no limit on engine operation for emergency use. (Title 17, OCA, 93115, 60/94)</small>			

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 4/26/25	
Operator: Anthony V.		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>			
Jockey Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Check the jockey pump on pressure drop. Start up pressure: 155			
Discharge Pressure: 164			
Pump Suction Pressure: --		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: 2032			
Pump Suction Pressure: 15		Pump Discharge pressure: 150	
Stop time: 2042		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:	Battery volt Crank 2:	Battery Condition: 6700d	
Starting hour meter: 137.5		Start time: 2045	
Oil pressure start		Oil Pressure finish: 43	
Pump Suction Pressure: 15		Pump Discharge pressure: 150	
Coolant temperature after 30 minutes running: 196			
Stop time: 2052		Stop hour meter: 137.6	Total run time: 7 min
January 1 st hour meter:		Total YTD hours:	
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/h approximately. There is no limit on engine operation for emergency use. (Title 17 CCR 93115.5(a)(4))</small>			

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date: 5/31/25	
Operator: <i>Antone</i>		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
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: <i>N/A</i>			
Pump Suction Pressure: <i>N/A</i>		Pump Discharge pressure: <i>N/A</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			
Start time: 2337			
Pump Suction Pressure: 5		Pump Discharge pressure: 150	
Stop time: 2347		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:	Battery volt Crank 2:	Battery Condition: <input checked="" type="checkbox"/>	
Starting hour meter: 158.6		Start time: 2350	
Oil pressure start: 1		Oil Pressure finish: 42	
Pump Suction Pressure: 5		Pump Discharge pressure: 155	
Coolant temperature after 30 minutes running: 196			
Stop time: 2358		Stop hour meter: Total run time: 5 min	
January 1 st hour meter:		Total YTD hours:	
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/h approximately. There is no limit on engine operation for emergency use. [Cite 29 CFR 99115.6(a)(4)]</small>			

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 5/31/25	
Operator: Erick		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input checked="" type="checkbox"/> Emergency <input checked="" type="checkbox"/>			
Jockey Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Check the jockey pump on pressure drop. Start up pressure: 155			
Discharge Pressure: 163			
Pump Suction Pressure: n/a		Pump Discharge pressure: 163	
Comments: runs while other pumps are under weekly test			
Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Start the pump on pressure drop. Start up pressure: 145			
Start time: 19:58			
Pump Suction Pressure: 15		Pump Discharge pressure: 150	
Stop time: 20:08		Total time running 20.08 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: 26.8		Battery Condition: Good	
Battery volt Crank 2: 26.8		Start time: 19:50	
Starting hour meter: 137.8		Oil Pressure finish: 42	
Oil pressure start: 60		Pump Discharge pressure: 150	
Pump Suction Pressure: 24		Pump Discharge pressure: 150	
Coolant temperature after 30 minutes running: 140 - 210			
Stop time: 19:58		Total run time: 8	
Stop hour meter: 137.9		January 1 st hour meter: Total YTD hours:	
Comments: 1764 RPM change air cooler temp out of range.			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-Standard for the Inspection, Testing, and Maintenance of Water Based Fire Systems* (current edition). The hours of operation for source testing will not be counted towards either of the a) or b) annual limits above.</p> <p>Note: Fuel consumption is in gal/hr approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CCR 82115.6(a)(4))</p>			

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 5/24/25	
Operator: Erick C.		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>			
Jockey Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Check the jockey pump on pressure drop. Start up pressure: 155			
Discharge Pressure: 165			
Pump Suction Pressure: N/A		Pump Discharge pressure: 165	
Comments: Continues to run while other pumps are under test.			
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: 20:06			
Pump Suction Pressure: 15		Pump Discharge pressure: 150	
Stop time: 20:16		Total time running 10 min.	
Comments:			
Diesel Pump			
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>			
Fuel level > 2/3: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Monthly Fuel Consumption:	
Battery volt Crank 1: 26.9		Battery Condition: Good.	
Battery volt Crank 2: 26.8		Start time: 20:00	
Starting hour meter: 1322.		Oil Pressure finish: 48.	
Oil pressure start: 65.		Pump Discharge pressure: 150	
Pump Suction Pressure: 25.			
Coolant temperature after 30 minutes running: 205.			
Stop time: 20:05		Total run time: 5 min	
Stop hour meter:		January 1 st hour meter:	
Total YTD hours:			
Comments: 1760 RPM			
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 92115.64(a)(4)]</p>			

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 5/20/25	
Operator: Anthony		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
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: 0042			
Pump Suction Pressure: 15		Pump Discharge pressure: 150	
Stop time: 0052		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: 24		Battery Condition: Good	
Starting hour meter: 137.6		Start time: 0055	
Oil pressure start: }		Oil Pressure finish: 43	
Pump Suction Pressure: 15		Pump Discharge pressure: 150	
Coolant temperature after 30 minutes running: 196 after 8 min.			
Stop time: 0104 Stop hour meter: 137.7		Total run time: 8 min January 1 st hour meter: Total YTD hours:	
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one 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 53115.6(a)(4))</p>			

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 5/30/15 Operator: Diana P.

Valve Shed # 1 by Condenser						
No.	System	PSI	Wv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	SG Unit 2	B1-2	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Reheaters	B1-3	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	155	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	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
11	Turbine Huse Stations	B1-11	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	B1-12	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Valve Shed # 2 by Overflow						
No.	System	PSI	Wv. 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	B2-6	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 North 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	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFFF	B2-7	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Valve Shed # 3 by Bldg 35 GE Electrical Bldg						
No.	System	PSI	Wv. 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	Wv. 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	Wv. Pos.	Signage	Locked	Comments
1	Control Room	34-5	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Offices	34-3	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	34-4	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Turbine Sprinkler Valves (These are to be locked in the open position)						
No.	System	Locked	Wv. 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	Wv. Pos.	Comments		
1	MP-201	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C			
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C			
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C			
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C			
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	O/C			
Fire Pump House Deluge System						
No.	System	PSI	O/C	Locked	Comments	
1	Fire Pump House Deluge	200	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	✓	5/24		
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	✓	5/24		
12	Between MP-44's and Water Treat # 4	O/C	✓			
13	West Side Power Block Valve Shed #1	O/C	✓	5/24		
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: 5/24/25 Operator: Diego P

Valve Shed # 1 by Condenser						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
2	SG Unit 2 B1-2	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
3	Reheaters B1-3	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
4	Rack 2 West HTF B1-4	175	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
5	Rack 2 East HTF B1-5	170	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
6	North Steel Pro B1-6	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
7	HTF Pumps B1-7	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
8	HTF Heaters B1-8	155	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
9	South Steel Pro B1-9	190	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
10	Lube Oil B1-10	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
11	Turbine Hse 5's lines B1-11	155	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
12	Turbine Bearings B1-12	160	O/C	✓	<input 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	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
2	Lillage Area B2-2	165	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
3	Lillage Structure B2-3	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
4	Rack 2 Middle Area B2-4	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
5	Overflow Tanks B2-5	165	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
6	Rack 2 South Area B2-6	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
7	Rack 1 West B2-7	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
8	Rack 1 North Area B2-8	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
9	Overflow AFFF B2-9	165	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
10	Expansion Vessel AFTT B2-10	165	O/C	✓	<input 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	155	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
2	Transformer Main	155	O/C	✓	<input 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	1100	O/C	X	<input 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 B5-1	160	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
2	Offices B5-2	155	O/C	✓	<input type="checkbox"/> Y <input type="checkbox"/> N	
3	Electrical Room B5-3	155	O/C	✓	<input 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 type="checkbox"/> Y <input type="checkbox"/> N	O/C			
2	Bearing 3	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
3	Bearing 4	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
4	Bearing 5	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			

HTF Deluge System Valves (To be Locked in the Open Position)						
No.	System	Locked	Viv. Pos.	Comments		
1	MP-201	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
2	MP-200A	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
3	MP-200B	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
4	MP-200C	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
5	MP-200D	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			

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

PIV Checks						
No.	System	Position	Cycled	Last Cycled	Comments	
1	Maintenance Shop Drive Way #7	O/C	✓	5/24		
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	X			
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	<input type="checkbox"/> Y <input type="checkbox"/> N				

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 5/11/25 Operator: Anthony V.

Valve Shed # 1 by Condenser						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	21-1	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Lot 6
2	SG Unit 2	21-2	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
3	Reheaters	31-3	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
4	Rack 2 West HTF	81-4	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
5	Rack 2 East HTF	81-5	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
6	North Steel Pro	31-6	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
7	-TF Pumps	61-7	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
8	-TF Heaters	61-8	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
9	South Steel Pro	31-9	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
10	Lube Oil	81-10	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
11	Turbine Hous Stations	31-11	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
12	Turbine Bearings	81-12	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	

Valve Shed # 2 by Overflow						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	81-1	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
2	Ullage Area	81-2	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
3	Ullage Structure	82-3	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
4	Rack 1 Middle Area	81-4	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
5	Overflow Tanks	82-5	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
6	Rack 1 South Area	81-6	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
7	Rack 1 West	33-7	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
8	Rack 1 North Area	82-8	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
9	Over flow AFFF	81-9	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
10	Expansion Vessel A-11	81-10	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
2	Transformer Main	160	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling tower West Side	160	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	84-1	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
2	Offices	84-2	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
3	Electric Room	84-3	O/C		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	

Turbine Sprinkler Valves (These are to be locked in the open position)						
No.	System	Locked	Viv. Pos.	Signage	Comments	
1	Bearing 2	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	O/C			
2	Bearing 3	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	O/C			
3	Bearing 4	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	O/C			
4	Bearing 5	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	O/C			

HTF Deluge System Valves (To be Locked in the Open Position)						
No.	System	Locked	Viv. Pos.	Signage	Comments	
1	MP-201	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	O/C			
2	MP-200A	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	O/C			
3	MP-200B	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	O/C			
4	MP-200C	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	O/C			
5	MP-200D	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	O/C			

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

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

To Be Cycled First Saturday of Every Month						
No.	System	Debris	Comments / Actions			
1	Transformer Yard Release Check	<input type="checkbox"/> <input checked="" type="checkbox"/>				

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 5/14/25 Operator: Anthony

Valve Shed # 1 by Condenser

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

O/S

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	170 O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/> N	
2	Ullage Arce	B2-2	165 O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/> N	
3	Ullage Structure	B2-1*	165 O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/> N	
4	Rack 1 Middle Area	B2-5	170 O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/> N	
5	Overflow Tanks	B2-9	160 O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/> N	
6	Rack 1 South Area	B2-6	170 O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/> N	
7	Rack 1 West	B2-7	160 O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/> N	
8	Rack 1 North Area	B2-4	160 O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/> N	
9	Over flow AFFF	B2-8	165 O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/> N	
10	Expansion Vessel AFFF	B2-3	160 O/C	<input checked="" type="checkbox"/>	<input 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	135	O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/> N	
2	Transformer Main	135	O/C	<input checked="" type="checkbox"/>	<input 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	160	O/C	<input checked="" type="checkbox"/>	<input 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	B4-1	160 O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/> N	
2	Offices	B4-3	160 O/C	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y <input type="checkbox"/> N	
3	Electric Room	B4-4	160 O/C	<input checked="" type="checkbox"/>	<input 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	O/C	
2	Bearing 3	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	O/C	
3	Bearing 4	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	O/C	
4	Bearing 5	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	O/C	

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

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

Fire Pump House Deluge System

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

PIV Checks

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

To Be Cycled First Saturday of Every Month

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

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 4/9/25		
Operator: Jose Garcia	*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"/> Valve <input checked="" type="checkbox"/>			
Check the jockey pump on pressure drop. Start up pressure: 155 psi			
Discharge Pressure: 155 psi			
Pump Suction Pressure:		Pump Discharge pressure: 165 psi	
Comments:			
Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Start the pump on pressure drop. Start up pressure: 145 psi			
Start time: 0117			
Pump Suction Pressure: 15 psi		Pump Discharge pressure: 150 psi	
Stop time: 0127		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: N/A		
Battery volt Crank 1: 24 Battery volt Crank 2: 24	Battery Condition: need checking ^{cleaning}		
Starting hour meter: 133 hrs	Start time: 0130		
Oil pressure start: 52	Oil Pressure finish: 56		
Pump Suction Pressure: 10 psi		Pump Discharge pressure: 165 psi	
Coolant temperature after 30 minutes running: After Sun 172 F			
Stop time: 0135		Stop hour meter: 133 133 hrs Total time running: 5 min	
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<small>This new diesel engine shall be limited to use for emergency fire suppression only in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 40 minutes in any 24 hour period and no more than 10 hours per year in initial start-up, testing and commissioning operations. 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 future testing will not be counted towards either of the all-inclusive annual limits above. Note: Fuel consumption 27 gal/hr @ 1500 rpm. There is no limit on engine operation for emergency use. (NFPA 2014 9.11.5.8a)(1)</small>			

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 6/15/23
Operator: Jose Garcia	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: 150 psi 150 psi	
Pump Suction Pressure: n/a	Pump Discharge pressure: 145 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: 9:40	
Pump Suction Pressure:	Pump Discharge pressure:
Stop time:	Total time running:
Comments: Didnt Run Electric pump because it trip	
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: n/a
Battery volt Crank 1: 2V Battery volt Crank 2: 2V	Battery Condition: <input checked="" type="checkbox"/> need cleaning
Starting hour meter: 133	Start time: 2:30 2:30
Oil pressure start: 55	Oil Pressure finish: 46 psi
Pump Suction Pressure: 15 psi	Pump Discharge pressure: 160
Coolant temperature after 30 minutes running: Spun = 176 F	
Stop time: 2:35 Stop hour meter:	Total run time: Spun January 1 st hour meter: Total YTD hours:
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In and for, 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) 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 approximately.</p> <p>There is no limit on engine operation for emergency use. (Title 17 CC 30115.6(a)(4))</p>	

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date: 6/21/25	
Operator: <i>Marcelino Sarabia</i>		*To be completed each time units 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 type="checkbox"/>			
Check the jockey pump on pressure drop. Start up pressure: 156			
Discharge Pressure: 163			
Pump Suction Pressure:		Pump Discharge pressure:	
Comments:			
Electric Pump			
Pre start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Valves <input type="checkbox"/>			
Start the pump on pressure drop. Start up pressure: 145			
Start time: 1828			
Pump Suction Pressure: 20		Pump Discharge pressure: 150	
Stop time: 1838		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 type="checkbox"/> Water Jacket Heater <input type="checkbox"/>			
Fuel level > 2/3: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 1/2		Monthly Fuel Consumption: _____	
Battery volt Crank 1: 26 Battery volt Crank 2: 26		Battery Condition: good	
Starting hour meter: 133		Start time: 1840	
Oil pressure start: 1		Oil Pressure finish: 148 35 PSI	
Pump Suction Pressure: 20		Pump Discharge pressure: 150	
Coolant temperature after 30 minutes running: 199 after 10 min "over heated"			
Stop time:		Stop hour meter: 133.1 Total time running:	
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis)			
<p>This diesel fire pump engine shall be limited to use for emergency fire suppression. It is not to be used as a fire or diesel fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one start and no more than 10 hours per year for initial start-up, testing and emergency demands only. Additionally, this engine shall not be started more than the number of hours necessary to complete with the testing requirements of the National Fire Protection Association (NFPA) 25-1 standards for the installation, testing, and maintenance of diesel-based fire systems (current editions). If the hours of operation for source testing will not be counted towards either of the allowable annual limits above.</p> <p>Maximum consumption: 17 gal/h approximately.</p> <p>There is no limit on engine operation for emergency use. (NFPA 25: 8.9.11.2.6)(NFPA)</p>			

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 6/30/25 Operator: Wilke

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 81-1	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
2	SG Unit 2 81-2	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
3	Reheaters 81-3	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
4	Rack 2 West HTF 81-4	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
5	Rack 2 East HTF 81-5	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
6	North Steel Pro 81-6	160	O/C	—	<input checked="" type="checkbox"/> <input type="checkbox"/>	No signage
7	HTF Pumps 81-7	160	O/C	—	<input checked="" type="checkbox"/> <input type="checkbox"/>	No signage
8	HTF Heaters 81-8	160	O/C	—	<input checked="" type="checkbox"/> <input type="checkbox"/>	No signage
9	South Steel Pro 81-9	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
10	Lube Oil 81-10	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
11	Turbine Hose Stations 81-11	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
12	Turbine Bearings 81-12	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels 82-1	160	O/C	—	<input checked="" type="checkbox"/> <input type="checkbox"/>	No signage
2	Ullage Area 82-2	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
3	Ullage Structure 82-11	160	O/C	—	<input checked="" type="checkbox"/> <input type="checkbox"/>	No signage
4	Rack 1 Middle Area 82-5	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
5	Overflow Tanks 82-9	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
6	Rack 1 South Area 82-6	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
7	Rack 1 West 82-7	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
8	Rack 1 North Area 82-4	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
9	Over flow AFFF 82-8	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
10	Expansion Vessel AFFF 82-3	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

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

Valve Shed # 4 by Cooling Tower West Side

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

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room 84-5	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
2	Offices 84-3	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
3	Electrical Room 84-4	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	

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

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

Fire Pump House Deluge System

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

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Main.ence Shop Drive Way #7	O/C			
2	Main.ence 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.I. by Multimedia Filters # 3	O/C			
10	East Side W.I. 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 Spec #1	O/C			

To Be Cycled First Saturday of Every Month

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

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 6/29/25
Operator: <i>Marcolino S.</i>	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 164	
Pump Suction Pressure:	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: 145 145	
Start time: 0108	
Pump Suction Pressure: 20	Pump Discharge pressure: 150
Stop time: 0118 0118	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: 133	Start time: 0121
Oil pressure start: 0	Oil Pressure finish: 42
Pump Suction Pressure: 20	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 181 181	
Stop time: 0126 Stop hour meter: 133	Total run time: 5 min January 1 st hour meter: Total YTD hours:
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p><small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current 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/h approximately.</small></p> <p><small>There is no limitation on engine operation for emergency use. (TITLE 17 CCR 9911 5.6(a)(4)).</small></p>	

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 6/29/25 Operator: _____

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 81-1	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 81-2	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters 81-3	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF 81-4	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF 81-5	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro 81-6	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HIF Pumps 81-7	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters 81-8	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro 81-9	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil 81-10	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations 81-11	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings 81-12	160	OPC	✓	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	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area 82-2	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure 82-11	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area 82-5	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks 82-9	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area 82-6	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West 82-7	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area 82-4	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF 82-8	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF 82-3	160	OPC	✓	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	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main 160	160	OPC	✓	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	OPC	✓	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	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices 84-3	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room 84-4	155	OPC	✓	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"/>	OPC	
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC	
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC	
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC	

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"/>	OPC	
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC	
3	MP-201B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC	
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC	
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC	

Fire Pump House Deluge System

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

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	OPC			
2	Maintenance Shop Drive Way #8	OPC			
3	West Side Power Block by VS-3 & 9	OPC			
4	West Side Power Block by VS-1 & 10	OPC			
5	West Side Cooling Tower by VS-4 & 11	OPC			
6	West Side Cooling Tower by VS-1 & 12	OPC			
7	N.W. Corner Chemical Storage #1	OPC			
8	N.E. Corner Chemical Storage #2	OPC			
9	East Side W. by Multimedia Filters #3	OPC			
10	East Side W. by Multimedia Filters #5	OPC			
11	North Side Bldg 10 & 6	OPC			
12	Between MP-443 and Water Treat #1	OPC			
13	West Side Power Block Valve Shed #1	OPC			

To Be Cycled First Saturday of Every Month

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

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/15/25 Operator: marcelino S

Valve Shed # 1 by Condenser						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 E1-1	150	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 E1-2	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters E1-3	150	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF E1-4	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF E1-5	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro E1-6	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps E1-7	150	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters E1-8	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro E1-9	150	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil E1-10	150	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations E1-11	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings E1-12	150	OPC	✓	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 E2-1	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area E2-2	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure E2-3	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area E2-4	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks E2-5	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area E2-6	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West E2-7	165	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area E2-8	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF E2-9	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF E2-10	160	OPC	✓	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	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	OPC	✓	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	OPC	None	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 E5-1	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices E5-2	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room E5-3	155	OPC	✓	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"/>	OPC			
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			
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"/>	OPC			
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			
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	OPC			Out of Commission	
2	Maintenance Shop Drive Way #8	OPC				
3	West Side Power Block by VS-3 # 9	OPC				
4	West Side Power Block by VS-1 # 10	OPC				
5	West Side Cooling Tower by VS-4 # 11	OPC				
6	West side Cooling Tower by VS-4 # 12	OPC				
7	N.W. Corner Chemical Storage #1	OPC				
8	N.E. Corner Chemical Storage # 2	OPC				
9	East Side W.T. by Multimedia Filters # 3	OPC				
10	East Side W.T. by Multimedia Filters # 5	OPC				
11	North Side Bldg 10 # 6	OPC				
12	Between MP-444's and Water Treat # 4	OPC				
13	West Side Power Block Valve Shed #1	OPC				
To Be Cycled First Saturday of Every Month						
No.	System	Debris	Comments / Actions			
1	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/10/25 Operator: _____

Valve Shed # 1 by Condenser						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	81-1	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	SE Unit 2	81-2	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Re-heaters	81-3	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West H/F	81-4	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East H/F	81-5	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	81-6	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	HTF Pumps	81-7	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	HTF Heaters	81-8	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	81-9	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	81-10	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
11	Turbine Hose Stations	81-11	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	81-12	160	O/C	Good	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	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Ullage Area	82-2	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Ullage Structure	82-11	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	82-5	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Overflow Tanks	82-9	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	82-6	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	82-7	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	82-4	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	Overflow A-FF	82-8	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFFF	82-3	160	O/C	Good	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	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	O/C	Good	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	Good	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	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Offices	84-2	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	74-3	160	O/C	Good	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	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			Out of service	
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			Out of service	
13	West Side Power Block Valve Shed #1	O/C				

To Be Cycled First Saturday of Every Month						
No.	System	Delts	Comments / Actions			
1	Transformer Yard Reluse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/18/25 Operator: Antone

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	81-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2	81-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters	81-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF	81-4	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF	81-5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro	81-6	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps	81-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters	81-8	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro	81-9	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil	81-10	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Europe Hose Stations	81-11	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings	81-12	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	82-1	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area	82-2	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure	82-11	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area	82-5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks	82-9	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area	82-6	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West	82-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area	82-4	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over flow AFFF	82-8	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF	82-3	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer A/C	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		✓ 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	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices	84-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room	84-4	✓ 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	Locked	Comments
1	Fire Pump House Deluge	150	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	Onbits	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: 7-20-25
Operator: Caleb Sowards	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>
Check the jockey pump on pressure drop. Start up pressure: 155
Discharge Pressure: 165
Pump Suction Pressure: 10 LBS Pump Discharge pressure: 165
Comments:

Electric Pump

Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>
Start the pump on pressure drop. Start up pressure: 145
Start time: 0005
Pump Suction Pressure: 10 LBS Pump Discharge pressure: 163
Stop time: 0015 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: 20 Battery volt Crank 2: 26 Battery Condition: good
Starting hour meter: 133.1 Start time: 0016
Oil pressure start: 59 Oil Pressure finish:
Pump Suction Pressure: 15 Pump Discharge pressure: 161
Coolant temperature after 30 minutes running: 198
Stop time: 0025 Stop hour meter: 133.2 Total run time: 9 min January 1 st hour meter: Total YTD hours:
Comments:

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

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.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. (Title 17 CCR 93115.6(a)(4))

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 7/25/25
Operator: <i>Antone</i>	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: <i>N/A</i>
Pump Suction Pressure: <i>N/A</i> Pump Discharge pressure: <i>N/A</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
Start time: 2203
Pump Suction Pressure: 5 Pump Discharge pressure: 147
Stop time: 2213 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 checked="" type="checkbox"/> No <input type="checkbox"/> Monthly Fuel Consumption:
Battery volt Crank 1: Battery volt Crank 2: Battery Condition: <input checked="" type="checkbox"/>
Starting hour meter: Start time: 2213
Oil pressure start: 1 Oil Pressure finish: 41
Pump Suction Pressure: 5 Pump Discharge pressure: 135
Coolant temperature after 30 minutes running: 172
Stop time: 2218 Stop hour meter: Total run time: 5 mins January 1st hour meter: Total YTD hours:
Comments:

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

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 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 (in conjunction). 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 is no limit on engine operation for emergency use. [Title 17 CCR 93.15.6(a)(4)].

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 2/27/15 Operator: Mike

Valve Shed # 1 by Condenser						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	E1-1	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	SG Unit 2	E1-2	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Reheaters	E1-3	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West HTF	E1-4	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East HTF	E1-5	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	E1-6	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	HTF Pumps	E1-7	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	HTF Heaters	E1-8	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	E1-9	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	E1-10	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
11	Turbine Hose Stations	E1-11	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	E1-12	160	O/C	Good	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	E2-1	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	L. Inlet Area	E2-2	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Ultrap Structure	E2-11	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	E2-5	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Overflow Tanks	E2-9	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	E2-6	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	E2-7	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	E2-4	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	Over flow AFFF	E2-8	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFFF	E2-3	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 3 by Bldg 35 GE Electrical Bldg						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
-	Cooling Tower West Side	0 psig	O/C	Good	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	E4-5	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Office	E4-7	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	E4-4	160	O/C	Good	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			Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		

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

To Be Cycled First Saturday of Every Month						
No.	System	Debris	Comments / Actions			
1	Transformer Yard Refuse Check	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>				

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 10/15/25	
Operator: Diego Rodriguez		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
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: 38 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: 2046			
Pump Suction Pressure: 10 psi		Pump Discharge pressure: 150 psi	
Stop time: 2056.		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: N/A.	
Battery volt Crank 1: 27		Battery Condition: Good.	
Starting hour meter: 137.9 HRS.		Start time: 2057.	
Oil pressure start: 62 psi		Oil Pressure finish: 45 psi	
Pump Suction Pressure: 15 psi		Pump Discharge pressure: 150 psi	
Coolant temperature after 30 minutes running: N/A.			
Stop time: 2102		Stop hour meter: 137.9 total run time: 5 mins January 1 st hour meter: 113.2 Total YTD hours: 24.7	
Comments: High COOLANT Temp 201 F.			
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, it's 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. Note: Fuel consumption 27 gal/h approximate. 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: 6/18/25
Operator: <i>Diego O. Rodriguez</i>	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: 0208	
Pump Suction Pressure: 15 psi	Pump Discharge pressure: 150 psi
Stop time: 0218	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: N/A.
Battery volt Crank 1: 27 Battery volt Crank 2: 27.	Battery Condition: ✓
Starting hour meter: 137.9 HRS.	Start time: 0219
Oil pressure start: 61 psi	Oil Pressure finish: 45 psi
Pump Suction Pressure: 20 psi	Pump Discharge pressure: 150 psi
Coolant temperature after 30 minutes running: 196 F	
Stop time: 0224 Stop hour meter: 137.9 Total run time: 5 mins.	January 1st hour meter: 113.2 Total YTD hours: 24.7 HRS
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the a) variable annual limits above. Note: Fuel consumption: 27 gal/h approximately. There is no limit on engine operation for emergency use. (Title 17 CCR 33115.6(a)(4))</small>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 6/15/23 Operator: Erick

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	135	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	SG Unit 2 B1-2	150	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Relievers B1-3	155	✓ 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	157	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	North Steel Pm B1-6	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	HTF Pumps B1-7	153	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
8	HTF 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	152	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
11	Turbine Hose Stations B1-11	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
12	Turbine Bearings B1-12	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessel B2-1	165	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Ullage Area B2-2	165	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Ullage Structure B2-11	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
4	Rack 1 Middle Area B2-3	165	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
5	Overflow Tanks B2-5	159	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
6	Rack 1 South Area B2-6	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
7	Rack 1 West B2-7	160	✓ 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	Over flow AFFF B2-8	160	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	165	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Transformer Main	157	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

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

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	157	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Offices B4-3	157	✓ O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
3	Electrical Room B4-4	155	✓ 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	Vlv. Pos.	Comments
1	Bearing 2	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	✓ O/C	
2	Bearing 3	Y <input type="checkbox"/> N <input checked="" 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	Vlv. Pos.	Comments
1	MP-201	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	✓ O/C	
2	MP-202A	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	✓ O/C	
3	MP-202B	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	✓ O/C	
4	MP-202C	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	✓ O/C	
5	MP-202D	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	210	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

PIV Checks

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

To Be Cycled First Saturday of Every Month

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

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 6/7/25 Operator: Enick

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters B1-3	157	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	163	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF B1-5	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro B1-6	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters B1-8	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings B1-12	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-11	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	163	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-6	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-4	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	Over flow AFFF B2-8	160	✓ 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	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

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

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	155	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	155	✓ 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	200	✓	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	✓	6	
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	
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	✓	1	
10	East Side W.T. by Multimedia Filters # 5	✓ O/C	✓	25	
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	13 ✓ O/C	✓		

To Be Cycled First Saturday of Every Month

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

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 6/21/25
Operator: Anthony	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: 1925	
Pump Suction Pressure: 15	Pump Discharge pressure: 150
Stop time: 1935	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: 24	Battery Condition: Good
Starting hour meter: 137.9	Start time: 1939
Oil pressure start: }	Oil Pressure finish:
Pump Suction Pressure: 15	Pump Discharge pressure: 155
Coolant temperature after 30 minutes running: 207 after 7 min (overheated)	
Stop time: 1946 Stop hour meter: 138.0	Total run time: 7 min January 1 st hour meter: Total YTD hours:
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one 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 93114.6(s)(4))</p>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 6/21/25 Operator: Tavel

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	159	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2	B1-2	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters	B1-3	159	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF	B1-4	162	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF	B1-5	157	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pm	B1-6	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
7	HT Heaters	B1-7	159	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
8	HT Heaters	B1-8	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pm	B1-9	152	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Lub Oil	B1-10	154	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
11	Turbine House S. Air In	B1-11	153	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings	B1-12	155	O/C	<input checked="" type="checkbox"/> Y <input 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	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area	B2-2	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure	B2-3	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area	B2-4	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks	B2-5	157	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 N. In Area	B2-6	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West	B2-7	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area	B2-8	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF	B2-9	160	O/C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF	B2-10	165	O/C	<input checked="" type="checkbox"/> Y <input 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	156	O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	157	O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

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

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	34-5	O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Office	34-5	O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room	34-4	O/C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Y <input 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	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
2	Bearing 3	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
3	Bearing 4	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
4	Bearing 5	<input checked="" type="checkbox"/> Y <input 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 20'	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
2	MP-200A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
3	MP-200B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
4	MP-200C	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	O/C	
5	MP-200D	<input checked="" type="checkbox"/> 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	210	O/C	<input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/>	6/21/25	
2	Maintenance Shop Drive Way #8	O/C	<input checked="" type="checkbox"/>		
3	West Side Power Block by VS-3 # 9	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
4	West Side Power Block by VS-1 # 10	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
5	West Side Cooling Tower by VS-4 # 11	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
6	West side Cooling Tower by VS-4 # 12	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
7	N.W. Corner Chemical Storage #1	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
8	N.E. Corner Chemical Storage # 2	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
9	East Side W.T. by Multimedia Filters # 3	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
10	East Side W.T. by Multimedia Filters # 5	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
11	North side Bldg 10 # 6	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
12	Between MP 444's and Water Treat # 4	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		
13	West Side Power Block Valve Shed #1	<input checked="" type="checkbox"/> O/C	<input checked="" type="checkbox"/>		

To Be Cycled First Saturday of Every Month

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

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 6/28/25	
Operator: Diego Rodriguez		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input checked="" 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: 20 psi			
Pump Suction Pressure:		Pump Discharge pressure: 108 psi.	
Comments: pm w/ main. Jose G.			
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: 0649.			
Pump Suction Pressure: 15 psi.		Pump Discharge pressure: 150 psi.	
Stop time: 0659.		Total time running 10 Mins.	
Comments: pm w/ main. Jose G.			
Diesel Pump			
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>			
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Monthly Fuel Consumption: N/A.	
Battery volt Crank 1: 27		Battery volt Crank 2: 27.	
Starting hour meter: 138.0 HRS.		Battery Condition: Good.	
Oil pressure start: 60 psi		Start time: 0700	
Pump Suction Pressure: 20 psi.		Oil Pressure finish:	
		Pump Discharge pressure: 150 psi.	
Coolant temperature after 30 minutes running: N/A			
Stop time: 0703		Stop hour meter: 138 HRS.	
		Total run time: 3 mins.	
		January 1st hour meter: 113.2	
Total YTD hours:			
Comments: pm w/ main. Jose G.			
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)(4)</p>			

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA

BETA:

Date: 4/27/15

Operator: DINO P

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	81-1	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
2	SG Unit 2	81-2	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
3	Reheaters	81-3	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
4	Rack 2 West HTF	81-4	170	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
5	Rack 2 East HTF	81-5	170	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
6	North Steel Pro	81-6	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
7	HTF Pumps	81-7	155	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
8	HTF Heaters	81-8	155	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
9	South Steel Pro	81-9	155	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
10	Lube Oil	81-10	155	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
11	Turbine Hse Stations	81-11	155	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
12	Turbine Bearings	81-12	155	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	82-1	170	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
2	Ullage Area	82-2	165	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
3	Ullage Structure	82-11	165	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
4	Rack 1 Middle Area	82-5	165	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
5	Overflow Tanks	82-6	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
6	Rack 1 South Area	82-6	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
7	Rack 1 West	82-7	155	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
8	Rack 1 North Area	82-4	165	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
9	Over flow AFFF	82-8	165	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
10	Expansion Vessel AFFF	82-3	165	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	155	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
2	Transformer Main	155	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	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	84-5	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
2	Offices	84-3	160	O/C	✓	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
3	Electrical Room	84-4	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 type="checkbox"/> N <input checked="" type="checkbox"/>	O/C	
2	Bearing 3	Y <input type="checkbox"/> N <input checked="" 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	130	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-444's and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

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

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/15/25 Operator: marcelino S

Valve Shed # 1 by Condenser						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 E1-1	150	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 E1-2	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters E1-3	150	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF E1-4	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF E1-5	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro E1-6	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps E1-7	150	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters E1-8	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro E1-9	150	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil E1-10	150	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations E1-11	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings E1-12	150	OPC	✓	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 E2-1	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area E2-2	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure E2-1	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area E2-5	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks E2-6	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area E2-6	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West E2-7	165	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area E2-4	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF E2-8	160	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF E2-3	160	OPC	✓	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	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	155	OPC	✓	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	OPC	None	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 E5-5	155	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices E4-3	150	OPC	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room E5-4	155	OPC	✓	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"/>	OPC			
2	Bearing 3	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			
3	Bearing 4	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			
4	Bearing 5	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			

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"/>	OPC			
2	MP-200A	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			
3	MP-200B	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			
4	MP-200C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			
5	MP-200D	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	OPC			

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	OPC			Out of Commission	
2	Maintenance Shop Drive Way #8	OPC				
3	West Side Power Block by VS-3 # 9	OPC				
4	West Side Power Block by VS-1 # 10	OPC				
5	West Side Cooling Tower by VS 4 & 11	OPC				
6	West side Cooling Tower by VS-4 # 12	OPC				
7	N.W. Corner Chemical Storage #1	OPC				
8	N.E. Corner Chemical Storage # 2	OPC				
9	East Side W.T. by Multimedia Filters # 3	OPC				
10	East Side W.T. by Multimedia Filters # 5	OPC				
11	North Side Bldg 10 # 6	OPC				
12	Between MP-444's and Water Treat # 4	OPC				
13	West Side Power Block Valve Shed #1	OPC				

To Be Cycled First Saturday of Every Month						
No.	System	Debris	Comments / Actions			
1	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/10/25 Operator: _____

Valve Shed # 1 by Condenser						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	81-1	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	SE Unit 2	81-2	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Re-heaters	81-3	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West H/F	81-4	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East H/F	81-5	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	81-6	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	HTF Pumps	81-7	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	HTF Heaters	81-8	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	81-9	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	81-10	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
11	Turbine Hose Stations	81-11	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	81-12	160	O/C	Good	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	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Ullage Area	82-2	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Ullage Structure	82-11	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	82-5	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Overflow Tanks	82-9	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	82-6	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	82-7	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	82-4	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	Overflow A-FF	82-8	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFFF	82-3	160	O/C	Good	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	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	O/C	Good	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	Good	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	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Offices	84-2	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	74-3	160	O/C	Good	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	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			out of service	
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			out of service	
13	West Side Power Block Valve Shed #1	O/C				

To Be Cycled First Saturday of Every Month						
No.	System	Delts	Comments / Actions			
1	Transformer Yard Reluse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/18/25 Operator: Antone

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	81-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2	81-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters	81-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF	81-4	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF	81-5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro	81-6	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps	81-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters	81-8	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro	81-9	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil	81-10	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Europe Hose Stations	81-11	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings	81-12	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	82-1	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area	82-2	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure	82-11	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area	82-5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks	82-9	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area	82-6	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West	82-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area	82-4	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over flow AFFF	82-8	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF	82-3	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer A/C	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		✓ 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	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices	84-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room	84-4	✓ 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	Locked	Comments
1	Fire Pump House Deluge	150	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	Onbits	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: 7-20-25
Operator: Caleb Sowards	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>
Check the jockey pump on pressure drop. Start up pressure: 155
Discharge Pressure: 165
Pump Suction Pressure: 10 LBS Pump Discharge pressure: 165
Comments:

Electric Pump

Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>
Start the pump on pressure drop. Start up pressure: 145
Start time: 0005
Pump Suction Pressure: 10 LBS Pump Discharge pressure: 163
Stop time: 0015 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: 20 Battery volt Crank 2: 26 Battery Condition: good
Starting hour meter: 133.1 Start time: 0016
Oil pressure start: 59 Oil Pressure finish:
Pump Suction Pressure: 15 Pump Discharge pressure: 161
Coolant temperature after 30 minutes running: 198
Stop time: 0025 Stop hour meter: 133.2 Total run time: 9 min January 1 st hour meter: Total YTD hours:
Comments:

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

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.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. (Title 17 CCR 93115.6(a)(4))

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 7/25/25
Operator: <i>Antone</i>	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: <i>N/A</i>
Pump Suction Pressure: <i>N/A</i> Pump Discharge pressure: <i>N/A</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
Start time: 2203
Pump Suction Pressure: 5 Pump Discharge pressure: 147
Stop time: 2213 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 checked="" type="checkbox"/> No <input type="checkbox"/> Monthly Fuel Consumption:
Battery volt Crank 1: Battery volt Crank 2: Battery Condition: <input checked="" type="checkbox"/>
Starting hour meter: Start time: 2213
Oil pressure start: 1 Oil Pressure finish: 41
Pump Suction Pressure: 5 Pump Discharge pressure: 135
Coolant temperature after 30 minutes running: 172
Stop time: 2218 Stop hour meter: Total run time: 5 mins January 1st hour meter: Total YTD hours:
Comments:

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

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 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 (in conjunction). 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 is no limit on engine operation for emergency use. [Title 17 CCR 93.15.6(a)(4)].

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 2/27/15 Operator: Mike

Valve Shed # 1 by Condenser						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	E1-1	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	SE Unit 2	E1-2	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Reversers	E1-3	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West HTF	E1-4	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East HTF	E1-5	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	E1-6	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	HTF Pumps	E1-7	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	HTF Heaters	E1-8	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	E1-9	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	E1-10	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
11	Turbine Hose Stations	E1-11	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	E1-12	160	O/C	Good	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	E2-1	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	L. Inlet Area	E2-2	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Ultrap Structure	E2-11	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	E2-5	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
5	Overflow Tanks	E2-9	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	E2-6	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	E2-7	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	E2-4	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
9	Over flow AFFF	E2-8	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFFF	E2-3	165	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 3 by Bldg 35 GE Electrical Bldg						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
-	Cooling Tower West Side	0 psig	O/C	Good	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	E4-5	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
2	Office	E4-7	160	O/C	Good	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	E4-4	160	O/C	Good	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			Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		

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

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: 7/7/25 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	165	✓ 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	165	✓ 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	HTF Heaters B1-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	160	✓ O/C	✓	Y <input 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	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Lillage Area B2-2	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Lillage Structure B2-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-4	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-5	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	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	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Control Room AFFF B2-9	160	✓ 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	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	Lockett	Comments
1	Control Room B4-5	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices B4-3	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	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	220	OPEN	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

No.	System	Position	Cycled	Temp 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. by Mukimedia Filters # 3	✓ O/C			
10	East Side W. by Mukimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP-441's and Water Treat # 2	✓ 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"/>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/12/25 Operator: Anthony V.

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 E1-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 R1-2	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 R1-4	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF R1-5	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro R1-6	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps R1-7	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters R1-8	160	✓ 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 R1-10	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hng Stations R1-11	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings R1-12	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 R2-1	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area R2-2	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure R2-11	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area R2-5	170	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks R2-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area R2-6	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West R2-7	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area R2-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over flow AFFF R2-8	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansior Vessel AFFF R2-3	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	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	Control Room R4-5	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices R4-2	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room R4-4	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	250	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 Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP-444's and Water Treat # 4	✓ O/C			
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

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

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 7/26/25	
Operator: Jose Garcia		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input checked="" type="checkbox"/> Emergency <input checked="" type="checkbox"/>			
Jockey Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Check the jockey pump on pressure drop. Start up pressure: 155 psi			
Discharge Pressure: 165 psi			
Pump Suction Pressure:		Pump Discharge pressure: 165 psi	
Comments:			
Electric Pump			
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>			
Start the pump on pressure drop. Start up pressure: 145 psi			
Start time: 0207			
Pump Suction Pressure: 15 psi		Pump Discharge pressure: 150 psi	
Stop time: 0217		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		Battery Condition: good	
Starting hour meter: 138.0		Start time: 0218	
Oil pressure start: 60 psi		Oil Pressure finish:	
Pump Suction Pressure: 15 psi		Pump Discharge pressure: 165 psi	
Coolant temperature after 30 minutes running: 7 min = 194			
Stop time: 0225		Stop hour meter: 138.0	
Total run time: 7 min		January 1 st hour meter: Total YTD hours:	
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression (defined as "in response to a fire or due to low fire water pressure). In addition, this engine shall be operated no more than 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.</p> <p>Note: Fuel consumption 27 gal/hr 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: 7/19/25 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	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	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pm 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	HTF 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	155	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations B1-11	—	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	170	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 B2-3	165	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	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	Over flow 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	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
Valve Shed # 4 by Cooling Tower West Side						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
Valve Shed # 5 by Control Bldg 10						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-1	165	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	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	215	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	9/500 ✓ 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 # 0 # 6	✓ O/C				
12	Between MP-444's and Water Treat # 4	✓ O/C				
13	West Side Power Block Valve Shed #1	13 ✓ O/C				
To Be Cycled First Saturday of Every Month						
No.	System	Debris	Comments / Actions			
1	Transformer Yard Refuse Check	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/25/25 Operator: Don G

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	190	✓ O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 B1-2	190	✓ O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Re-heaters B1-3	190	✓ O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF B1-4	190	✓ 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	190	✓ O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps B1-7	190	✓ O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters B1-8	190	✓ O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	190	✓ O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	110	✓ O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Case Stations B1-11	0	✓ O/C		Y <input type="checkbox"/> N <input type="checkbox"/>	1/4100 out
12	Turbine Bearings B1-12	190	✓ 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	220	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area B2-2	230	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure B2-11	170	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area B2-5	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks B2-9	220	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area B2-6	170	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West B2-7	180	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area B2-4	170	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	Over flow AFFF B2-8	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF B2-3	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

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

Valve Shed # 4 by Cooling Tower West Side

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

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	✓ 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	230	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

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

To Be Cycled First Saturday of Every Month

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

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 8/24/25
Operator: Anthony	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: 2315	
Pump Suction Pressure: 15	Pump Discharge pressure: 150
Stop time: 2320	Total time running 5 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: 25	Battery Condition: Good
Starting hour meter: 138.0	Start time: 2324
Oil pressure start: 1	Oil Pressure finish: 44
Pump Suction Pressure: 15	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 8 min @ 216	
Stop time: 2332 Stop hour meter: 138.1 Total run time: 8 min	January 1 st hour meter: Total YTD hours:
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as a response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems (current edition). The hours of operation for source testing will not be counted towards either of the 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 99115-9(a)(4)</p>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 8/15/25
Operator: Taylor Scott	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: 135	
Discharge Pressure: 150 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: 2:20	
Pump Suction Pressure: 15 PSI	Pump Discharge pressure: 150 PSI
Stop time: 2:20	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: N/A
Battery volt Crank 1: 27 Battery volt Crank 2: 27	Battery Condition: <input checked="" type="checkbox"/>
Starting hour meter:	Start time:
Oil pressure start:	Oil Pressure finish:
Pump Suction Pressure:	Pump Discharge pressure:
Coolant temperature after 30 minutes running:	
Stop time:	Stop hour meter:
Total run time:	January 1st hour meter:
Total YTD hours:	
Comments: was told to run it a way i have never been shown and don't feel comfortable	
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 line water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/h approximately. There is no limit on engine operation for emergency use. (Title 17, CCR 93115.6046)</small>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 8/10/25
Operator: <u>Diego Rodriguez</u>	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: <u>155 psi</u>	
Discharge Pressure: <u>150 psi</u>	
Pump Suction Pressure: <u>N/A</u>	Pump Discharge pressure: <u>165 psi</u>
Comments:	
Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: <u>145 psi</u>	
Start time: <u>0421</u>	
Pump Suction Pressure: <u>15 psi</u>	Pump Discharge pressure: <u>150 psi</u>
Stop time: <u>0431</u>	Total time running <u>10 mins</u>
Comments:	
Diesel Pump	
Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>	
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Monthly Fuel Consumption: <u>N/A</u>
Battery volt Crank 1: <u>27</u> Battery volt Crank 2: <u>27</u>	Battery Condition: <input checked="" type="checkbox"/>
Starting hour meter: <u>138.0 + 145</u>	Start time: <u>0432</u>
Oil pressure start: <u>59</u>	Oil Pressure finish: <u>50</u>
Pump Suction Pressure: <u>18 psi</u>	Pump Discharge pressure: <u>150 psi</u>
Coolant temperature after 30 minutes running: <u>N/A</u>	
Stop time: <u>0435</u> Stop hour meter: <u>138</u> Total run time: <u>3 mins</u> January 1 st hour meter: <u>113.2</u> Total YTD hours:	
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis)	
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one 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 99115.6(a)(4))</p>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 8/2/25
Operator: Erick C.	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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 type="checkbox"/> Mechanical <input type="checkbox"/> Valves <input type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 163	
Pump Suction Pressure: 12/12	Pump Discharge pressure: 163
Comments:	
Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145	
Start time: 20:20	
Pump Suction Pressure: 12	Pump Discharge pressure: 150
Stop time: 20:25	Total time running 5 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: 27.0 Battery volt Crank 2: 26.9	Battery Condition: <input checked="" type="checkbox"/>
Starting hour meter: 138.0	Start time: 20:26
Oil pressure start: 64	Oil Pressure finish:
Pump Suction Pressure: 22	Pump Discharge pressure: 50
Coolant temperature after 30 minutes running: 199	
Stop time: 20:31 Stop hour meter: 138.0	Total run time: 5 min January 1 st hour meter: Total YTD hours:
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<small>A'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 "Standards for the Installation, 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 is no limit on engine operation for emergency use. (Title 17 DCR 9-115.4(a)(4))</small>	

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 8/31/25
Operator: Anthony	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: 22:17	
Pump Suction Pressure: 15	Pump Discharge pressure: 150
Stop time: 22:22	Total time running 5 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: 25	Battery Condition: Good
Starting hour meter: 138.1	Start time: 22:25
Oil pressure start:	Oil Pressure finish: 40
Pump Suction Pressure: 15	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 232 after 9 min	
Stop time: 22:34 Stop hour meter: 138.2 Total run time: 9 min	January 1 st hour meter: Total YTD hours:
Comments: Fuel injection malfunction fault & engine #1 fault	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/Hr approximately. There is no limit on engine operation for emergency use. (Title 17 CCR 9311-5.66)(40)</small>	

Fire Pump Weekly Test Log

General Information	
Plant: <input checked="" type="checkbox"/> Alpha <input type="checkbox"/> Beta	Date: 8/2/25
Operator:	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
Reason for running pumps: <input checked="" type="checkbox"/> Weekly test <input type="checkbox"/> Maintenance <input type="checkbox"/> Emergency	
Jockey Electric Pump	
Pre-start Inspection: <input checked="" type="checkbox"/> 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: N/A	Pump Discharge pressure: 163
Comments:	
Electric Pump	
Pre-start Inspection: <input checked="" type="checkbox"/> 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: 22:33	
Pump Suction Pressure: 10	Pump Discharge pressure: 150
Stop time: 22:38	Total time running 5 min.
Comments:	
Diesel Pump	
Pre-start Inspection: <input checked="" type="checkbox"/> 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: 27.3 Battery volt Crank 2: 27.3	Battery Condition: <input checked="" type="checkbox"/>
Starting hour meter: 133.2	Start time: 22:40
Oil pressure start: 59	Oil Pressure finish: 39
Pump Suction Pressure: 20	Pump Discharge pressure: 160
Coolant temperature after 30 minutes running: 189	
Stop time: 22:45 Stop hour meter: 133.2 Total run time: 5	January 1 st hour meter: Total YTD hours:
Comments: 1762 RPM	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25- Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems* (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27.33/h approximately. There is no limit on engine operation for emergency use. Title 7 CCR 98115.60243</small>	

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8/2/25 Operator: Joselzarca

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	HTF Heaters B1-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	160	✓ O/C	✓	Y <input 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	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 B2-3	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	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Over flow AFFF B2-9	160	✓ 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	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 GUT

Valve Shed # 5 by Control Bldg 10

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

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

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

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

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

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	185	✓	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	✓	8-2-25	
2	Maintenance Shop Drive Way #8	O/C	✓		
3	West Side Power Block by VS-3 # 9	O/C	✓		
4	West Side Power Block by VS-1 # 10	O/C	✓		
5	West Side Cooling Tower by VS-4 # 11	O/C	✓		
6	West side Cooling Tower by VS-4 # 12	O/C	✓		
7	N.W. Corner Chemical Storage #1	O/C	✓		
8	N.E. Corner Chemical Storage # 2	O/C	✓		
9	East Side W.T. by Multimedia Filters # 3	O/C	✓		
10	East Side W.T. by Multimedia Filters # 5	O/C	✓		
11	North Side Bldg 10 # 6	O/C	✓		
12	Between MP-444's and Water Treat # 4	O/C	✓		
13	West Side Power Block Valve Shed #1	O/C	✓		

To Be Cycled First Saturday of Every Month

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

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8/8/25 Operator: Joseph

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	81-1	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2	81-2	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters	81-3	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF	81-4	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF	81-5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro	81-6	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps	81-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters	81-8	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro	81-9	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil	81-10	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stalks	81-11	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings	81-12	✓ 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	82-1	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area	82-2	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure	82-3	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area	82-4	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks	82-5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area	82-6	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West	82-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area	82-8	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AF	82-9	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF	82-10	✓ 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	180	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	190	✓ 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	0	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	84-5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices	84-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room	84-1	✓ 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	200	✓	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 #6	O/C	✓		
3	Wes: Side Power Block by VS-3 # 5	✓ O/C			
4	West Side Power Block by VS-1 # 10	O/C	✓		valve out
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-240's and Water Treat # 4	O/C	✓		
13	West Side Power Block Valve Shed #	O/C	✓		ONLY AT BETA

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:	8/10/25
Operator: Jose Garcia		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
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: 100PSI 155PSI			
Discharge Pressure: 165PSI			
Pump Suction Pressure:		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: 2032			
Pump Suction Pressure: 15PSI		Pump Discharge pressure: 154PSI	
Stop time: 2042		Total time running 10min 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: N/A		
Battery volt Crank 1: 24. Battery volt Crank 2: 24	Battery Condition: <input checked="" type="checkbox"/>		
Starting hour meter: 133.3	Start time: 2044		
Oil pressure start: 57	Oil Pressure finish: 43		
Pump Suction Pressure: 15PSI		Pump Discharge pressure: 165PSI	
Coolant temperature after 30 minutes running: 60min = 186			
Stop time: 2050 Stop hour meter: 133.3		Total run time: 6min January 1st hour meter: Total YTD hours:	
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			
<small>THIS new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for 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 is no limit on engine operation for emergency use. (Title 17 CCR 93115.5004)</small>			

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8/15/25 Operator: Mike

Valve Shed # 1 by Condenser

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1 91-1	0	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	Label placed
2	SG Unit 2 91-2	175	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Ratchets 91-3	150	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF 91-4	160	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF 91-5	160	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro 91-6	175	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps 91-7	0	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	HTF Housers 91-8	175	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro 91-9	160	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil 91-10	0	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hous Stations 91-11	0	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings 91-12	0	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels 92-1	165	OK	OK	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area 92-2	160	OK	OK	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure 92-3	160	OK	OK	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area 92-4	160	OK	OK	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks 92-5	160	OK	OK	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area 92-6	160	OK	OK	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West 92-7	165	OK	OK	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area 92-8	160	OK	OK	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF 92-9	160	OK	OK	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF 92-10	160	OK	OK	Y <input 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	135	OK	Good	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	135	OK	Good	Y <input 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	150	OK		Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room 64-5	175	OK		Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Office 64-3	175	OK		Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room 64-4	175	OK		Y <input 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 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	
4	Bearing 5	Y <input type="checkbox"/> N <input type="checkbox"/>	OK	

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

No.	System	Locked	Vlv. Pos.	Comments
1	V.P. 201	Y <input type="checkbox"/> N <input type="checkbox"/>	OK	
2	MP-200A	Y <input type="checkbox"/> N <input type="checkbox"/>	OK	
3	MP-200B	Y <input type="checkbox"/> N <input type="checkbox"/>	OK	
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	OK	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	OK	X		
2	Maintenance Shop Drive Way #8	OK	X		
3	West Side Power Block by VS-3 # 9	OK	X		
4	West Side Power Block by VS-1 # 10	OK	X		
5	West Side Cooling Tower by VS-1 # 11	OK	X		
6	West side Cooling Tower by VS-4 # 12	OK	X		
7	N.W. Corner Chemical Storage # 1	OK	X		
8	N.E. Corner Chemical Storage # 2	OK	X		
9	East Side W.T. by Multimedia Filters # 3	OK	X		
10	East Side W.T. by Multimedia Filters # 5	OK	X		
11	North Side Bldg # 6	OK	X		
12	Between MP-444's and Water Treat # 4	OK	X		
13	West Side Power Block Valve Shed #1	OK	X		

To Be Cycled First Saturday of Every Month

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

Fire Pump Weekly Test Log

General Information	
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 8/19/25
Operator: Jose L. Garcia	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	
Jockey Electric Pump	
Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155 psi	
Discharge Pressure: 165 psi	
Pump Suction Pressure:	Pump Discharge pressure: 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: 144 psi	
Start time: 2332	
Pump Suction Pressure: 159 psi	Pump Discharge pressure: 150 psi
Stop time: 2342	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 type="checkbox"/>	Monthly Fuel Consumption: N/A
Battery volt Crank 1: 24 Battery volt Crank 2: 24	Battery Condition: good
Starting hour meter: 133.3	Start time: 2345
Oil pressure start: 57 psi	Oil Pressure finish: 46 psi
Pump Suction Pressure: 16 psi	Pump Discharge pressure: 150 psi
Coolant temperature after 30 minutes running: 5 min = 178 F	
Stop time: 2350 Stop hour meter: 133.3 Total run time: 5 min	January 1st hour meter: Total YTD hours:
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
<small>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/h approximately. There is no limit on engine operation for emergency use. Title 17 CCR 93115.5(a)(4)</small>	

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8/23/15 Operator: mike

Valve Shed # 1 by Condenser						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	0	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
2	SG Unit 2	B1-2	175	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
3	Reheaters	B1-3	140	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
4	Rack 2 West HTF	B1-4	155	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
5	Rack 2 East HTF	B1-5	165	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
6	North Steel Pro	B1-6	175	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
7	HTF Pumps	B1-7	0	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
8	HTF Heaters	B1-8	170	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
9	South Steel Pro	B1-9	160	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
10	Lube Oil	B1-10	0	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
11	Turbine Hose Stations	B1-11	0	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
12	Turbine Bearings	B1-12	0	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N

Valve Shed # 2 by Overflow						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	165	O/C	OK	<input type="checkbox"/> Y <input type="checkbox"/> N
2	Lullage Area	B2-2	160	O/C	OK	<input type="checkbox"/> Y <input type="checkbox"/> N
3	Lullage Structure	B2-3	160	O/C	OK	<input type="checkbox"/> Y <input type="checkbox"/> N
4	Rack 1 Middle Area	B2-4	160	O/C	OK	<input type="checkbox"/> Y <input type="checkbox"/> N
5	Overflow Tanks	B2-5	160	O/C	OK	<input type="checkbox"/> Y <input type="checkbox"/> N
6	Rack 1 South Area	B2-6	160	O/C	OK	<input type="checkbox"/> Y <input type="checkbox"/> N
7	Rack 1 West	B2-7	165	O/C	OK	<input type="checkbox"/> Y <input type="checkbox"/> N
8	Rack 1 North Area	B2-8	160	O/C	OK	<input type="checkbox"/> Y <input type="checkbox"/> N
9	Over flow AFFF	B2-9	160	O/C	OK	<input type="checkbox"/> Y <input type="checkbox"/> N
10	Hydrazine Vessel AFFF	B2-10	160	O/C	OK	<input type="checkbox"/> Y <input type="checkbox"/> N

Valve Shed # 3 by Bldg 35 GE Electrical Bldg						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	B3-1	135	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
2	Transformer Main	B3-2	135	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N

Valve Shed # 4 by Cooling Tower West Side						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	B4-1	150	O/C	OK	<input type="checkbox"/> Y <input type="checkbox"/> N

Valve Shed # 5 by Control Bldg 10						
No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	B5-1	175	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
2	Offices	B5-2	175	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N
3	Electrical Room	B5-3	175	O/C	Good	<input type="checkbox"/> Y <input type="checkbox"/> N

Turbine Sprinkler Valves (These are to be locked in the open position)						
No.	System	Locked	Vlv. Pos.	Comments		
1	Bearing 2	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
2	Bearing 3	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
3	Bearing 4	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
4	Bearing 5	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			

HTF Deluge System Valves (To be Locked in the Open Position)						
No.	System	Locked	Vlv. Pos.	Comments		
1	MP-201	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
2	MP-200A	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
3	MP-200B	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
4	MP-200C	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			
5	MP-200D	<input type="checkbox"/> Y <input type="checkbox"/> N	O/C			

Fire Pump House Deluge System						
No.	System	PSI	O/C	Locked	Comments	
1	Fire Pump House Deluge			<input 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	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-4 # 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 M-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	<input type="checkbox"/> Y <input type="checkbox"/> N				

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 8/23/25
Operator: Michael	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
Reason for running pumps: Weekly test <input type="checkbox"/> Maintenance <input checked="" 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: N/A
Pump Suction Pressure: N/A Pump Discharge pressure: N/A
Comments:

Electric Pump

Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>
Start the pump on pressure drop. Start up pressure: 160
Start time: 0601
Pump Suction Pressure: 100 psi Pump Discharge pressure: 150 psi
Stop time: 0611 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 type="checkbox"/>
Fuel level > 2/3: Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Monthly Fuel Consumption:
Battery volt Crank 1: Battery volt Crank 2: Battery Condition: Good
Starting hour meter: 133.3 Start time: N/A
Oil pressure start: 1 psi Oil Pressure finish: N/A
Pump Suction Pressure: N/A Pump Discharge pressure: N/A
Coolant temperature after 30 minutes running: N/A
Stop time: Stop hour meter: Total run time: January 1st hour meter: Total YTD hours: 133.3
Comments: oil exceeding max level. Engine test button not activating.
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This diesel direct driven 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 not exceed run 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" (unless authorized by the local authority having jurisdiction) and shall not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/hr approx. max.

From the time of engine operation for emergency use, 16 CFR 32.15.6(a)(4)

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 8/29/15 Operator: Mike

Valve Shed # 1 by Condenser						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	E1-1	175	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
2	SG Unit 2	E1-2	150	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
3	Reheaters	E1-3	160	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
4	Rack 2 West HTF	E1-4	160	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
5	Rack 2 East HTF	E1-5	145	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
6	North Steel Pro	E1-6	0	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
7	HIF Pumps	E1-7	170	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
8	HTF Heaters	E1-8	160	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
9	South Steel Pro	E1-9	0	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
10	Lube Oil	E1-10	0	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
11	Turbine Hose Stations	E1-11	0	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
12	Turbine Bearings	E1-12	0	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>

Valve Shed # 2 by Overflow						
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	E2-1	165	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
2	Ullage Area	E2-2	160	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
3	Ullage Strich.re	E2-3	160	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
4	Rack 1 Middle Area	E2-4	160	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
5	Overflow Tanks	E2-5	160	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
6	Rack 1 South Area	E2-6	160	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
7	Rack 1 West	E2-7	165	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
8	Rack 1 North Area	E2-8	160	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
9	Overflow AFFF	E2-9	160	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
10	Expansion Vessel AFFF	E2-10	160	O/C	OK	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
-	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	E5-1	175	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
2	Offices	E5-2	175	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>
3	Electrical Room	E5-3	175	O/C	OK	Y <input type="checkbox"/> N <input type="checkbox"/>

Turbine Sprinkler Valves (These are to be locked in the open position)						
No.	System	Locked	Viv. Pos.	Comments		
1	Bearing 2	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C			
2	Bearing 3	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C			
3	Bearing 4	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C			
4	Bearing 5	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C			

HTF Deluge System Valves (To be Locked in the Open Position)						
No.	System	Locked	Viv. Pos.	Comments		
1	MP-201	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C			
2	MP-200A	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C			
3	MP-200B	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C			
4	MP-200C	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C			
5	MP-200D	Y <input type="checkbox"/> N <input type="checkbox"/>	O/C			

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

PIV Checks						
No.	System	Position	Cycled	Date Cycled	Comments	
1	Maintenance Shop Drive Way #7	O/C				
2	Maintenance Shop Drive Way #8	O/C				
3	West Side Power Block by VS-3 # 9	O/C				
4	West Side Power Block by VS-1 # 10	O/C				
5	West Side Cooling Tower by VS-4 # 11	O/C				
6	West side Cooling Tower by VS-4 # 12	O/C				
7	N.W. Corner Chemical Storage #1	O/C				
8	N.E. Corner Chemical Storage # 2	O/C				
9	East Side W.T. by Multimedia Filters # 3	O/C				
10	East Side W.T. by Multimedia Filters # 5	O/C				
11	North Side Bldg # 4 # 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 Refurb Check	Y <input type="checkbox"/> N <input type="checkbox"/>				

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 8/31/25
Operator: Marcelino S.	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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 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: 9:20:56
Pump Suction Pressure: 20 Pump Discharge pressure: 150
Stop time: 22:06 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 type="checkbox"/> Monthly Fuel Consumption:
Battery volt Crank 1: 26.6 Battery volt Crank 2: 26.6 Battery Condition: good
Starting hour meter: 133.3 Start time: 22:10
Oil pressure start: 1 PSI Oil Pressure finish: 54
Pump Suction Pressure: 20 Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 138
Stop time: 22:15 Stop hour meter: 133 Total run time: 5 min January 1st hour meter: Total YTD hours:
Comments:

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

This new direct drive (ie, pump) engine shall be limited to use for emergency fire suppression, initiated as an 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 for engine 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) Standards for the Installation, Testing, and Maintenance of Water-Based Fire Systems' (current edition). The hours of operation for severe testing will not be counted towards either of the above annual limits above.

Normal fuel consumption: 11.7 gal/hr (approximate)

There is no limit on engine operation for emergency use (Title 17, C.R. 25115.6(a)(4))

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 9/12/25
Operator: <u>Mike</u>	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	

Jockey Electric Pump

Pre-start inspection: Electrical feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>
Check the jockey pump on pressure drop. Start up pressure: <u>155 psi</u>
Discharge Pressure: <u>91 PSI</u>
Pump Suction Pressure: <u>N/A</u> Pump Discharge pressure: <u>N/A</u>
Comments:

Electric Pump

Pre-start inspection: Electrical feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>
Start the pump on pressure drop. Start up pressure: <u>145</u>
Start time: <u>2313</u>
Pump Suction Pressure: <u>5 psi</u> Pump Discharge pressure: <u>60 psi</u>
Stop time: <u>2315</u> Total time running: <u>1 min</u>
Comments:

Diesel Pump

Pre-start inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket heater <input checked="" type="checkbox"/>
Fuel level > 2/3: Yes <input type="checkbox"/> No <input type="checkbox"/> Monthly Fuel Consumption: <u>N/A</u>
Battery volt Crank 1: <u>27</u> Battery volt Crank 2: <u>27</u> Battery Condition: <u>Good</u>
Starting hour meter: <u>133.5</u> Start time: <u>2317</u>
Oil pressure start: <u>57 psi</u> Oil Pressure finish: <u>7"</u>
Pump Suction Pressure: <u>5 psi</u> Pump Discharge pressure: <u>70 psi</u>
Coolant temperature after 30 minutes running: <u>221</u>
Stop time: <u>2322</u> Stop hour meter: <u>133.5</u> Total run time: <u>5</u> January 1st hour meter: Total VFD hours:

Comments: Fuel injection malfunction / Air Cooling alarm

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).
 This new diesel drive fire pump engine shall be limited to use for emergency fire suppression (defined as a 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 day and no more than 10 hours per year for initial start-up, testing and cold start conditions. 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. Fuel emissions (in g/hour) of operation for source testing will not be counted towards either of the above annual limits above.
 Note: Fuel consumption 27 g/kWh approximately.
 This is a 100-hp diesel engine operator for emergency use only. (File # 100K 951 000104)

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 9/12/23 Operator: *John*

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	HTF Heaters B1-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro B1-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil B1-10	0	O/C X	✓	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 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	Over-flow 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	Over-flow AFFF B2-9	160	✓ 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	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 X	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	late

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 B1-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room B4-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

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

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

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

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

Fire Pump House Deluge System

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

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C X	X	X	
2	Maintenance Shop Drive Way #8	✓ O/C	X	X	
3	West Side Power Block by V5-3 & 9	✓ O/C	X	X	
4	West Side Power Block by V5-1 & 10	✓ O/C	X	X	
5	West Side Cooling Tower by V5-4 & 11	✓ O/C	X	X	
6	West side Cooling Tower by V5-4 & 12	O/C X	X	X	late
7	N.W. Corner Chemical Storage #1	✓ O/C	X	X	
8	N.E. Corner Chemical Storage #2	✓ O/C	X	X	
9	East Side W.T. by Multimedia Filters # 3	✓ O/C	X	X	
10	East Side W.T. by Multimedia Filters # 5	✓ O/C	X	X	
11	North Side Bldg 10 & 6	✓ O/C	X	X	
12	Between MP-444's and Water Treat # 4	O/C X	X	X	
13	West Side Power Block Valve Shed #1	O/C	X	X	NA

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: 9/19/25
Operator: Diego Rodriguez	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: 162 psi
Pump Suction Pressure: N/A Pump Discharge pressure: 135 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: 2223
Pump Suction Pressure: 8 psi Pump Discharge pressure: 60 psi
Stop time: 2223 Total time running: 30 sec.
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: 27 Battery Condition: <input checked="" type="checkbox"/> Good
Starting hour meter: 133.5 hrs Start time: 2225
Oil pressure start: 59 psi Oil Pressure finish: 30 psi
Pump Suction Pressure: 10 psi Pump Discharge pressure: 70 psi
Coolant temperature after 30 minutes running: High Temp ALARM
Stop time: 2229 Stop hour meter: Total run time: 4 mins January 1st hour meter: N/A Total YTD hours: N/A
Comments:

Charge Air Cooler Temp - ALARM, Fuel Injection Malfunction 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 an response to a fire or due to low 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 International Fire Arrows Association (NFPA 25 Standards) for fire suppression testing and maintenance of Water Based Fire Systems (current edition). The hours of operation for testing will not be counted toward either of the allowable annual limits above.
Note: Fuel consumption 27 gal/h approximately.
There is no limit on engine operation for emergency use. (Title 17 CCR 93115.6a)(4)

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 9/19/25 Operator: Seely

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 81-1	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 81-2	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Relievers 81-3	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF 81-4	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF 81-5	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro 81-6	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps 81-7	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters 81-8	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro 81-9	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil 81-10	0	O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations 81-11	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings 81-12	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels 82-1	165	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area 82-2	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure 82-1	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area 82-5	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks 82-9	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area 82-6	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West 82-7	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area 82-4	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
9	Over flow AFFF 82-8	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF 82-3	160	✓ O/C	✓	Y <input type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

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

Valve Shed # 4 by Cooling Tower West Side

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

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room 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 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	175	✓	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 2 # 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 M.P.-44's and Water Treat # 4	O/C	✓		
13	West Side Power block Valve Shed #*	O/C			only @ B. Fa

To Be Cycled First Saturday of Every Month

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

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 9/29/25
Operator: Jesus Flores	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: 164
Pump Suction Pressure: N/A Pump Discharge pressure: 164
Comments:

Electric Pump

Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>
Start the pump on pressure drop. Start up pressure: 145.
Start time: 18:10.
Pump Suction Pressure: 12. Pump Discharge pressure: 60
Stop time: 18:20 Total time running: 10
Comments: Breaker tripped while starting up test

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 type="checkbox"/> Monthly Fuel Consumption:
Battery volt Crank 1: 27.3 Battery volt Crank 2: 27.3 Battery Condition:
Starting hour meter: 133.5 133.5 Start time: 18:21
Oil pressure start: 60 Oil Pressure Finish: 36
Pump Suction Pressure: 15 Pump Discharge pressure: 100
Coolant temperature after 30 minutes running: 208
Stop time: 18:25 Stop hour meter: 133.5 Total run time: 4 mins January 1st hour meter: Total YTD hours:
Comments: Charge Air Cooler High temp RAN for 4 mins for test with 100% Smoking from top near turbos

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

This diesel driven 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 not be permitted to run for 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and other emergency 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' (NFPA 25) or the hours of operation for such testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption is 27 gal/h (approximate).

There is no limit on engine operation for emergency use. (Title 19, Chapter 15, 3004)

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 7/28/24 Operator: Dorey, P. C. II

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	31-1	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2	31-2	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters	61-3	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF	31-4	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF	61-5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro	H-6	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps	91-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters	61-8	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro	31-9	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil	61-10	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hose Stations	P1-11	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	on Street lay
12	Turbine Bearings	R1-12	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	62-1	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Illage Area	62-2	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Illage Structure	62-3	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area	62-4	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks	62-5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area	62-6	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West	62-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area	62-8	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF	62-9	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF	62-10	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

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

Valve Shed # 4 by Cooling Tower West Side

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

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	64-5	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices	64-7	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room	64-4	✓ 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	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			only @ Beta

To Be Cycled First Saturday of Every Month

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

Fire Pump Weekly Test Log

General Information					
Plant:	Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 4/12/25		
Operator:	Diego Rodriguez		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.		
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: 37 psi			Pump Discharge pressure: 165 psi		
Comments: (Maint. PM.)					
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: 115 psi					
Start time: 0531					
Pump Suction Pressure: 10 psi			Pump Discharge pressure: 60 psi		
Stop time: 0532 Total time running: 2 mins.					
Comments: (Maint. PM.)					
Diesel Pump					
Pre-start Inspection:	Coolant <input checked="" type="checkbox"/>	Oil <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/>	Water Jacket Heater <input checked="" type="checkbox"/>
Fuel level > 2/3:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Monthly fuel Consumption: N/A		
Battery volt Crank 1:	27	Battery volt Crank 2:	27	Battery Condition: Good	
Starting hour meter:	138.2	Start time: 0535			
Oil pressure start:	59 psi	Oil Pressure finish: 39			
Pump Suction Pressure: 20 psi			Pump Discharge pressure: 70 psi		
Coolant temperature after 30 minutes running: 201 High Temp					
Stop time: 0540	Stop hour meter:	Total run time: 5 mins	January th hour meter:	N/A	Total YTD hours: N/A
Comments: (Maint PM)					
BAN w/ Cooling Bypass. / High Temp Alarm.					
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, as defined, in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one year and no more than 10 hours per year for initial start-up testing and scheduled 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) 22 Standards for the Inspection, Testing, and Maintenance of Water-based Fire Systems (latest edition). The hours of operation for such testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/h approximately. There is a 1 min. or engine operation in emergency use Title 17 C.R.S. 155019a </small>					

Fire Pump Weekly Test Log

General Information					
Plant:	Aloha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date:	9/19/25	
Operator:	Diego Rodriguez			To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
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:	81 PSI				
Pump Suction Pressure:	N/A		Pump Discharge pressure:	142 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:	2356				
Pump Suction Pressure:	8 PSI		Pump Discharge pressure:	65 PSI	
Stop time:	2356		Total time running	30 Secs	
Comments:					
Diesel Pump					
Pre-start Inspection:	Coolant <input checked="" type="checkbox"/>	Oil <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/>	Water Jacket Heater <input checked="" type="checkbox"/>
Fuel level > 2/3:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Monthly Fuel Consumption:	N/A	
Battery volt Crank 1:	27	Battery volt Crank 2:	27	Battery Condition:	Good
Starting hour meter:	138.2 H.		Start time:	2358	
Oil pressure start:	60 PSI		Oil Pressure finish:	40 PSI	
Pump Suction Pressure:	20 PSI		Pump Discharge pressure:	70 PSI	
Coolant temperature after 30 minutes running:	High Temp ALARM				
Stop time:	0000	Stop hour meter:	138.2	Total run time:	3 mins
January 1st hour meter:	N/A		Total YTD hours:	N/A	
Comments:	Charge Air Cooler Temp ALARM. Fuel Injection Malfunction ALARM.				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).					
<small>This new direct drive fire engine shall be limited to use for emergency fire protection, delivered 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 full duty fire 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) 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>Normal fuel consumption for 27 gal/hr at 1500 RPM. There is no limit on engine operation for emergency use. Title 17, C.R. 93, § 0622.</small>					

Fire Pump Weekly Test Log

General Information					
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 9/12/25			
Operator: <u>Diego Rodriguez</u>		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.			
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 Good <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/>		
Check the jockey pump on pressure drop. Start up pressure: <u>155psi</u>					
Discharge Pressure: <u>165psi</u>					
Pump Suction Pressure: <u>N/A</u>		Pump Discharge pressure: <u>165psi</u>			
Comments:					
Electric Pump					
Pre-start Inspection:	Electrical Good <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/>		
Start the pump on pressure drop. Start up pressure: <u>145psi</u>					
Start time: <u>2344</u>					
Pump Suction Pressure: <u>8psi</u>		Pump Discharge pressure: <u>55psi</u>			
Stop time: <u>2345</u>		Total time running: <u>1 mins</u>			
Comments:					
Diesel Pump					
Pre-start Inspection:	Coolant <input checked="" type="checkbox"/>	Oil <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/>	Water Jacket heater <input checked="" type="checkbox"/>
Fuel level > 2/3: Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Monthly Fuel Consumption: <u>N/A</u>			
Battery vol. Crank 1: <u>27</u>	Battery vol. Crank 2: <u>27</u>	Battery Condition: <u>Good</u>			
Starting hour meter: <u>138.2 Hrs</u>		Start time: <u>2345</u>			
Oil pressure start: <u>59 psi</u>		Oil Pressure finish: <u>45 psi</u>			
Pump Suction Pressure: <u>20psi</u>		Pump Discharge pressure: <u>65 psi</u>			
Coolant temperature after 30 minutes running: <u>240</u>					
Stop time: <u>2348</u>	Stop hour meter: <u>138.2</u>	Total run time: <u>3 mins</u>	January 1st hour meter: <u>N/A</u>	Total VFD hours: <u>N/A</u>	
Comments: <u>Air Cooling High Temp ALARM</u>					
Sulfur Concentration (less than or equal to 0.0015% on a weight per weight basis)					
<small>This fire pump drive fire pump engine shall be limited to use for emergency fire suppression only and in response to a fire or other fire water pressure condition. This engine shall be operated no more than 10 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) 20-2016 (11) for the Inspection, Testing, and Maintenance of Water-Based Fire Systems (current edition). The normal operation for source loading will not be counted towards either of the above annual limits above.</small>					
<small>Note: Fuel consumption is 7 gph in operation only. The engine fire pump engine is used for emergency use. Title 17 of A.G. 18.5000</small>					

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 10/4/25
Operator: Jesus	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
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: 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:
Pump Suction Pressure: Pump Discharge pressure:
Stop time: Total time running:
Comments: instructed not to run fire pump weekly

Diesel Pump

Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>
Fuel level > 2/3: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Monthly Fuel Consumption:
Battery volt Crank 1: 26.7 Battery volt Crank 2: 26.7 Battery Condition: Good
Starting hour meter: 133.5 Start time:
Oil pressure start: Oil Pressure finish:
Pump Suction Pressure: Pump Discharge pressure:
Coolant temperature after 30 minutes running:
Stop time: Stop hour meter: Total run time: January 1 st hour meter: Total YTD hours:
Comments: instructed not to run fire pump weekly per supervisor

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 for low fire over pressure. In addition, it 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 routine demonstrations. Additionally, the 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) 20 Standards for the Installation, Testing, and Use of Manual Water Based Fire Systems (and related parts). The hours of operation for testing shall not be counted towards either of the allowable annual limits above.
 Note: Fuel consumption of gal/h approx 1200.
 There is a limit on engine operation for emergency use. (See 11 CFR 9811.11(a)(2))

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 10/4/25 Operator: Joseph

Valve Shed # 1 by Condenser

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

Valve Shed # 2 by Overflow

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

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

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

Valve Shed # 4 by Cooling Tower West Side

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

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	160	O/C	✓	YES N <input type="checkbox"/>	
2	Offices	160	O/C	✓	YES N <input type="checkbox"/>	
3	Electrical Room	160	O/C	✓	YES 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	YES N <input type="checkbox"/>	O/C	
2	Bearing 3	YES N <input type="checkbox"/>	O/C	
3	Bearing 4	YES N <input type="checkbox"/>	O/C	
4	Bearing 5	YES 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	YES N <input type="checkbox"/>	O/C	
2	MP-200A	YES N <input type="checkbox"/>	O/C	
3	MP-200B	YES N <input type="checkbox"/>	O/C	
4	MP-200C	YES N <input type="checkbox"/>	O/C	
5	MP-200D	YES N <input type="checkbox"/>	O/C	

Fire Pump House Deluge System

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

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Warehouse/Maintenance Shop Drivc Way #7	O/C	✓	10/4	
2	Warehouse/Maintenance Shop Drivc 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 Towers by VS-4 # 11	O/C	✓		
6	West side Cooling Towers 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. by Multimedia Filters # 3	O/C	✓		
10	East Side W. by Multimedia Filters # 5	O/C	✓		
11	North Side Bldg 10 # 6	O/C	✓		
12	Between M/P 444's and Water Treat # 1	O/C	✓		
13	Between West Side Power Block Valve Shed # 1	O/C	✓		

To Be Cycled First Saturday of Every Month

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 10/25/25 Operator: Eric C.

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 A/B1-1	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 A/B1-2	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters A/B1-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HT A/B1-4	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HT A/B1-5	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro A/B1-6	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps A/B1-7	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters A/B1-8	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro A/B1-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil A/B1-10	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Inlet Stations A/B1-11	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings A/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 A/B2-1	162	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area A/B2-2	165	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structures A/B2-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area A/B2-5	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks A/B2-9	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area A/B2-6	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West A/B2-7	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area A/B2-4	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF A/B2-8	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF A/B2-3	160	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

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

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side		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 A/B4-5	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices A/B4-3	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room A/B4-4	155	✓ O/C	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

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

No.	System	Locked	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	195	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

PIV Checks

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

To Be Cycled First Saturday of Every Month

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 10/17/25 Operator: Mike

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 A/B1-1	0	O/C	Good	<input type="checkbox"/> <input checked="" type="checkbox"/>	
2	SG Unit 2 A/B1-2	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
3	Relievers A/B1-3	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
4	Rack 2 West HTF A/B1-4	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
5	Rack 2 East HTF A/B1-5	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
6	North Steel Pro A/B1-6	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
7	-TF Pumps A/B1-7	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
8	-TF Heaters A/B1-8	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
9	South Steel Pro A/B1-9	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
10	Lube Oil A/B1-10	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
11	Turbine Hose Stations A/B1-11	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
12	Turbine Bearings A/B1-12	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	

Valve Shed # 2 by Overflow

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

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	
2	Transformer Main	175	O/C	Good	<input checked="" type="checkbox"/> <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

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

Valve Shed # 5 by Control Bldg 10

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

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

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

Fire Pump House Deluge System

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

PIV Checks

No.	System	Position	Cycled	Used Cycled	Comments
1	Warehouse/Maintenance Shop Drive Way #7	O/C			out of service
2	Warehouse/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 # 5	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	Area Only West Side Power Block Valve Shed #1	O/C			N/A

To Be Cycled First Saturday of Every Month

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 10/11/25 Operator: Marcelino S.

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 A/B1-1	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	SG Unit 2 A/B1-2	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Reheaters A/B1-3	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 2 West HTF A/B1-4	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Rack 2 East HTF A/B1-5	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	North Steel Pro A/B1-6	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	HTF Pumps A/B1-7	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	HTF Heaters A/B1-8	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	South Steel Pro A/B1-9	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Lube Oil A/B1-10	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
11	Turbine Hozr Stations A/B1-11	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
12	Turbine Bearings A/B1-12	160	OK	✓	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 A/B2-1	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Ullage Area A/B2-2	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Ullage Structure A/B2-1	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
4	Rack 1 Middle Area A/B2-5	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
5	Overflow Tanks A/B2-9	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
6	Rack 1 South Area A/B2-6	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
7	Rack 1 West A/B2-7	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
8	Rack 1 North Area A/B2-4	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
9	Overflow AFFF A/B2-8	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
10	Expansion Vessel AFFF A/B2-3	160	OK	✓	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	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Transformer Main	160	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	160	OK	✓	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 A/B4-5	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
2	Offices A/B4-3	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
3	Electrical Room A/B4-4	155	OK	✓	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

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

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

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

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

Fire Pump House Deluge System

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

PIV Checks

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

To Be Cycled First Saturday of Every Month

Fire Pump Weekly Test Log

General Information				
Plant:	Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date:	10/4/25
Operator:	Erick Carrillo		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
Reason for running pumps:	<u>Weekly test</u>		Maintenance <input type="checkbox"/>	Emergency <input type="checkbox"/>
Jockey Electric Pump				
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/>	
Check the jockey pump on pressure drop. Start up pressure: 155				
Discharge Pressure: 164				
Pump Suction Pressure: N/A		Pump Discharge pressure: 164		
Comments:				
Electric Pump				
Pre-start Inspection:	Electrical Feed <input checked="" type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/>	
Start the pump on pressure drop. Start up pressure: 145				
Start time: 19:32				
Pump Suction Pressure: 15		Pump Discharge pressure: 150		
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 checked="" type="checkbox"/> No <input type="checkbox"/>	Monthly Fuel Consumption:		
Battery volt Crank 1: 26.7	Battery volt Crank 2: 26.7	Battery Condition: Good		
Starting hour meter: 138.2		Start time: -		
Oil pressure start: N/A		Oil Pressure finish: -		
Pump Suction Pressure:		Pump Discharge pressure:		
Coolant temperature after 30 minutes running:				
Stop time:	Stop hour meter:	Total run time:	January 1st hour meter:	Total VTD hours:
Comments: pump not run due to overheating Alarms.				
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 fire to low fire water pressure. In addition, it is required to 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 pump and detector startups. 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. For non-emergency fire hours of operation for source testing will not be counted towards the total allowable annual limit. See 17.04.</small> <small>Note: Fuel consumption 27 gal/h approximately</small> <small>There is no limit on engine operation for emergency use. (Title 17, CCR 98113.6a)(4)</small>				

Fire Pump Weekly Test Log

General Information				
Part: Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date: 11/15/25		
Operator: Jose Ygrua		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.		
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: 160 psi				
Pump Suction Pressure: NA Pump Discharge pressure: 160 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:				
Pump Suction Pressure: 15 psi Pump Discharge pressure: 150 psi 45 psi				
Stop time: Total time running 10 min				
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 type="checkbox"/> No <input type="checkbox"/> Monthly Fuel Consumption:				
Battery volt Crank 1:		Battery volt Crank 2:		Battery Condition:
Starting hour meter:		Start time:		
Oil pressure start:		Oil Pressure finish:		
Pump Suction Pressure: Pump Discharge pressure:				
Coolant temperature after 30 minutes running:				
Stop time:	Stop hour meter:	Total run time:	January 1st hour meter:	Total YTD hours:
Comments:				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis)				
<p>This fire diesel 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, it is only to be operated no more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 11 Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems (section 6.2.2.1). The hours of operation for such testing will not be counted toward either of the allowable annual limits above.</p> <p>Note: Fuel consumption of 0.147 is approved only.</p> <p>This is not the Log engine operator for emergency use. (Title 17 CCR 95115.0007)</p>				

Fire Pump Weekly Test Log

General Information					
Plant:	Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date: 11/24/25		
Operator:	Jose Garcia		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.		
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: 145 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: 0506					
Pump Suction Pressure: 15 psi Pump Discharge pressure: 55 psi					
Stop time: 0514 Total time running: 10 min					
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 type="checkbox"/> No <input type="checkbox"/>		Monthly Fuel Consumption:			
Battery volt Crank 1:	Battery volt Crank 2:	Battery Condition:			
Starting hour meter:		Start time:			
Oil pressure start:		Oil Pressure finish:			
Pump Suction Pressure:		Pump Discharge pressure:			
Coolant temperature after 30 minutes running:					
Stop time:	Stop hour meter:	Total run time:	January 1st hour meter:	Total YTD hours:	
Comments: Not Running Diesel pump until further notice					
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).					
<small>This non-diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or low fire water pressure condition, 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 normal emergency situations. 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 (3rd Edition). In hours of use or for start-up testing will not be required to take either of the allowable critical limits above. Note: Fuel consumption 27 gal/h approximately. There is no limit on engine operation for emergency use. (Title 17 CCR 93115.0004)</small>					

Fire Pump Weekly Test Log

General Information				
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 11/16/25			
Operator: Diego Rodriguez	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.			
Reason for running pump(s): 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: 1941.				
Pump Suction Pressure: 10 psi	Pump Discharge pressure: 40 psi			
Stop time: 1951.	Total time running: 10 mins.			
Comments: TEST VALVES 100% lined up.				
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 type="checkbox"/> No <input type="checkbox"/>	Monthly Fuel Consumption:			
Battery volt Crank 1: Battery volt Crank 2:	Battery Condition:			
Starting hour meter:	Start time:			
Oil pressure start:	Oil Pressure finish:			
Pump Suction Pressure:	Pump Discharge pressure:			
Coolant temperature after 30 minutes running:				
Stop time:	Stop hour meter:	Total run time:	January 1 st hour meter:	Total YTD hours:
Comments: DID NOT RUN PER-MANAGEMENT. (BEST FIRE)				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis):				
<small>The new direct drive fire pump engine is all to limited to use for emergency fire suppression, defined as in response to a fire or due to low 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 completion demonstrations. Additionally, this engine shall not be operated, except for the number of hours necessary to comply with testing requirements of the National Fire Protection Association (NFPA) 20 Standards for the Installation, Testing, and Maintenance of Water-Based Fire Systems (current edition). The hours of operation for testing will not be counted toward either of the following annual limits above. Note: Fuel consumption 27 gal/h approximately There is no limit on engine operation for emergency use. Title 17 CCR 98115.00040</small>				

Fire Pump Weekly Test Log

General Information

Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 12/2/25
Operator: <u>Jesus</u>	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>
Check the jockey pump on pressure drop. Start up pressure: <u>155</u>
Discharge Pressure: <u>165</u>
Pump Suction Pressure: <u>70</u> Pump Discharge pressure:
Comments:

Electric Pump

Pre-start inspection: Electrical Feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>
Start the pump on pressure drop. Start up pressure:
Start time: <u>11:54</u>
Pump Suction Pressure: <u>10</u> Pump Discharge pressure: <u>70</u>
Stop time: <u>12:04</u> Total time running: <u>10</u>
Comments:

Diesel Pump

Pre-start Inspection: Coolant <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Water Jacket Heater <input checked="" type="checkbox"/>
Fuel level > 2/3: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <u>1/2</u> Monthly Fuel Consumption:
Battery volt Crank 1: <u>27</u> Battery volt Crank 2: <u>27</u> Battery Condition: <u>Good</u>
Starting hour meter: <u>133.6</u> Start time: <u>19:42</u>
Oil pressure start: <u>40</u> Oil Pressure finish: 100 <u>14</u>
Pump Suction Pressure: <u>4 psi</u> Pump Discharge pressure: <u>40 psi</u>
Coolant temperature after 30 minutes running: <u>232F</u>
Stop time: <u>19:45</u> Stop hour meter: <u>133.6</u> Total run time: <u>3</u> January 1st hour meter: Total YTD hours:
Comments: <u>Running Test for mechanic (leaking oil Emergency lined up for test)</u>

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

This is a direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or just to use 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-Standard for the Inspection, Testing, and Maintenance of Water Based Fire Systems (see attached to this report) for engine testing will not be counted 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. (Title 17 CCR 93115.9004)

Fire Pump Weekly Test Log

General Information				
Plant	Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date: 12/2/25	
Operator: Manuel Garcia			To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
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 type="checkbox"/>	Mechanical <input type="checkbox"/>	Valves <input type="checkbox"/>	
Check the jockey pump on pressure drop, Start up pressure.				
Discharge Pressure:				
Pump Suction Pressure:		Pump Discharge pressure:		
Comments:				
Electric Pump				
Pre-start Inspection:	Electrical Feed <input type="checkbox"/>	Mechanical <input type="checkbox"/>	Valves <input type="checkbox"/>	
Start the pump on pressure drop, Start up pressure:				
Start time:				
Pump Suction Pressure:		Pump Discharge pressure:		
Stop time: Total time running				
Comments:				
Diesel Pump				
Pre-start Inspection:	Coolant <input checked="" type="checkbox"/>	Oil <input type="checkbox"/>	Mechanical <input checked="" type="checkbox"/>	Valves <input checked="" type="checkbox"/> Water Jacket heater <input checked="" type="checkbox"/>
Fuel level > 2/3:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	1/2	Monthly Fuel Consumption:	
Battery volt Crank 1:	26.2	Battery volt Crank 2:	26.2	Battery Condition: Good
Starting hour meter:	133.5	Start time: 1805		
Oil pressure start:	57 psi	Oil Pressure finish: 49		
Pump Suction Pressure:	5 psi	Pump Discharge pressure: 60		
Coolant temperature after 30 minutes running: 138° start 228° @ 1813				
Stop time:	1813	Stop hour meter:	133.6	Total run time: January 1st hour meter: Total YTD hours:
Comments: Running Test for mechanic. Leaking Oil during run				
First Alarm 1810				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).				
<small>This new test drive fire pump engine will be limited to use for emergency fire suppression, not used 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 will not be operated more than the number of hours necessary to comply with testing requirements of the National Fire Protection Association (NFPA) 25 Standards for Inspection, Testing, and Maintenance of Water-Based Fire Systems (see table below). The hours of operation for testing will not be counted towards either of the allowable annual hours above.</small> <small>Monthly Fuel Consumption 27 gal/hr approx</small> <small>There is no limit on engine operation for emergency use. (NFPA 1700 4.4.1.5.02/24)</small>				

Fire Pump Weekly Test Log

General Information					
Plant: Alpha <input checked="" type="checkbox"/> Beta <input type="checkbox"/>	Date: 12/6/25				
Operator: <i>Marcelino Sarabia</i>	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.				
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: 155					
Discharge Pressure: 162					
Pump Suction Pressure: -			Pump Discharge pressure: -		
Comments:					
Electric Pump					
Pre-start Inspection: Electrical Feed <input type="checkbox"/> Mechanical <input type="checkbox"/> Valves <input type="checkbox"/>					
Start the pump on pressure drop. Start up pressure:					
Start time:					
Pump Suction Pressure:			Pump Discharge pressure:		
Stop time: Total time running:					
Comments: <i>Tripped at start up</i>					
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 type="checkbox"/> No <input type="checkbox"/>	Monthly Fuel Consumption:				
Battery volt Crank 1: Battery volt Crank 2:	Battery Condition:				
Starting hour meter:			Start time:		
Oil pressure start:			Oil Pressure finish:		
Pump Suction Pressure:			Pump Discharge pressure:		
Coolant temperature after 30 minutes running:					
Stop time:	Stop hour meter:	Total run time:	January 1 st hour meter:	Total YTD hours:	
Comments:					
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).					
<small>This non-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, the engine shall not be used for more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and normal maintenance. Additionally, the engine shall not be started more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 2017 Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems (NFPA 2517-17.1.1.1) in hours of operation for source testing will not be counted towards either of the allowable annual hours above. Fuel Fuel Consumption: 27 gal/hr (approximate) There is no limitation on engine operation for emergency use. (16 CFR 42115.6402)</small>					

Fire Pump Weekly Test Log

General Information				
Plant: Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date:	2/17/25	
Operator: Jesus		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.		
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:				
Discharge Pressure:				
Pump Suction Pressure:		Pump Discharge pressure:		
Comments:				
Electric Pump				
Pre-start Inspection: Electrical Feed <input type="checkbox"/> Mechanical <input type="checkbox"/> Valves <input type="checkbox"/>				
Start the pump on pressure drop. Start up pressure:				
Start time:				
Pump Suction Pressure:		Pump Discharge pressure:		
Stop time:		Total time running		
Comments:				
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 Floater <input checked="" type="checkbox"/>				
Fuel level > 2/3: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Monthly Fuel Consumption:		
Battery volt Crank 1: 26		Battery volt Crank 2: 26		Battery Condition: Good
Starting hour meter: 134.0		Start time:		
Oil pressure start: 50psi		Oil Pressure finish: 25psi		
Pump Suction Pressure:		Pump Discharge pressure:		
Coolant temperature after 30 minutes running: 209F 209F				
Stop time:	Stop hour meter:	Total run time:	January 1 st hour meter:	Total YTD hours:
Comments:				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis):				
<p>This flex-fuel drive fire pump engine shall be limited to use for emergency fire suppression, utilized 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 normal operations. 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" (in this section). The hours of operation for this engine 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 93115.6004)</p>				

Fire Pump Weekly Test Log

General Information				
Plant: Alpha <input checked="" type="checkbox"/>	Beta <input type="checkbox"/>	Date: 12/20/25		
Operator: <i>Marcelino</i>		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.		
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:				
Start time: 2005				
Pump Suction Pressure: 20		Pump Discharge pressure: 150		
Stop time: 2015		Total time running 10 min		
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 type="checkbox"/> No <input type="checkbox"/>		Monthly Fuel Consumption:		
Battery volt Crank 1:		Battery Condition:		
Battery volt Crank 2:		Start time:		
Starting hour meter:		Oil Pressure finish:		
Oil pressure start:		Pump Discharge pressure:		
Pump Suction Pressure:		Pump Discharge pressure:		
Coolant temperature after 30 minutes running:				
Stop time:	Stop hour meter:	Total run time:	January 1 st hour meter:	Total YTD hours:
Comments:				
Sulfur Concentrations (less than or equal to 0.001 % 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 outing 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 (3.1.10.10.10.1). The hours of operation for such testing will not be counted towards either of the allowable run time values.</p> <p>Note: Fuel consumption is 27 gal/h approximately.</p> <p>There is a limit on engine duration for emergency use (Title 19 CFR 92.115-46/24)</p>				

Fire Pump Weekly Test Log

General Information			
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 12/2/25	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.
Operator: <i>Manuel Garcia</i>			
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 type="checkbox"/>	Mechanical <input type="checkbox"/>	Valves <input type="checkbox"/>
Check the jockey pump on pressure drop. Start up pressure:			
Discharge Pressure:			
Pump Suction Pressure:		Pump Discharge pressure:	
Comments:			
Electric Pump			
Pre start Inspection:	Electrical Feed <input type="checkbox"/>	Mechanical <input type="checkbox"/>	Valves <input type="checkbox"/>
Start the pump on pressure drop. Start up pressure:			
Start time:			
Pump Suction Pressure:		Pump Discharge pressure:	
Stop time: Total time running			
Comments:			
Diesel Pump			
Pre-start Inspection:	Coolant <input checked="" type="checkbox"/>	Oil <input checked="" type="checkbox"/>	Mechanics <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>26.2</i>	Battery volt Crank 2: <i>24.2</i>	Battery Condition: <i>Good</i>	
Starting hour meter: <i>138.2</i>	Start time: <i>1903 1918 - 1923</i>		
Oil pressure start: <i>66</i>	Oil Pressure finish: <i>35 psi</i> (<i>Δ gauge</i>)		
Pump Suction Pressure: <i>10 psi</i>	Pump Discharge pressure: <i>60 psi (?)</i>		
Coolant temperature after 30 minutes running: <i>113° @ start 230°F (201°F)</i>			
Stop time: <i>1907</i>	Stop hour meter: <i>138.2</i>	Total run time: <i>4</i>	January 1 st hour meter: Total YTD hours:
Comments: <i>Very low discharge @ sump. signals of cooler clogged. Charge air cooler High Alarm overheated quick.</i>			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis):			
<small> This diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to an emergency to quell a fire or prevent a fire from occurring. In addition, this engine shall be operated no more than 30 minutes in any one hour 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 II testing requirements of the National Fire Protection Association (NFPA 25 standard) for the Inspection, Test, and Maintenance of Water-Based Fire Systems (current edition). The hours of operation for start-up testing will not be counted towards the total 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 95115.9209) </small>			

Fire Pump Weekly Test Log

General Information					
Plant: Alpha <input type="checkbox"/> Beta <input checked="" type="checkbox"/>	Date: 12/2/25		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.		
Operator: <u>Diego Rodriguez</u>					
Reason for running pumps: Weekly test <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Emergency <input type="checkbox"/>					
Jockey Electric Pump					
Pre-start Inspection: Electrical feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	Check the jockey pump on pressure drop. Start up pressure: <u>155psi</u>				
Discharge Pressure: <u>65psi</u>	Pump Discharge pressure: <u>104psi</u>				
Pump Suction Pressure: <u>N/A</u>					
Comments:					
Electric Pump					
Pre-start inspection: Electrical feed <input checked="" type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/>	Start the pump on pressure drop. Start up pressure: <u>145psi</u>				
Start time: <u>0614</u>	Pump Discharge pressure: <u>60psi - 65psi</u>				
Pump Suction Pressure: <u>10psi</u>	Total time running: <u>10 Mins.</u>				
Stop time: <u>0624</u>	Comments: <u>TEST VALVES 100% lined up.</u>				
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 type="checkbox"/> No <input type="checkbox"/>				
Battery volt Crank 1: _____ Battery volt Crank 2: _____	Monthly Fuel Consumption: _____				
Starting hour meter: _____	Start time: _____				
Oil pressure start: _____	Oil Pressure finish: _____				
Pump Suction Pressure: _____	Pump Discharge pressure: _____				
Coolant temperature after 30 minutes running: _____					
Stop time: _____ Stop hour meter: _____ Total run time: _____	January 1st hour meter: _____		Total M/D hours: _____		
Comments: <u>High Temp ALARM (BEST FILE)</u>					
Sulfur Concentrations (less than or equal to 0.001% on a weight per weight basis)					
<small>This diesel driven fire pump engine will be limited to use for emergency fire suppression only and will respond to a fire or call to supply water pressure. In addition, this engine shall not operate for more than 30 minutes in any one shift and no more than 10 hours per year for initial start-up, testing and pump acceptance operations. Additionally, this engine shall not operate more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 2019 (20 Standards) for the Installation, Testing and Maintenance of Water-Based Fire Systems. The total amount of hours of operation for testing will not be limited to either of the allowed annual limits above.</small>					
<small>Note: Fuel consumption 27 gal/h approximately There is no limit on engine operation for emergency use. Title 17 CCR 93115.00000</small>					

Fire Pump Weekly Test Log

General Information					
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 12/6/25			
Operator: Anthony		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.			
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: 1958					
Pump Suction Pressure: 10 Pump Discharge pressure: 65					
Stop time: 2008 Total time running: 10 min					
Comments: packing needs to be adjusted/little to no water					
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 type="checkbox"/> No <input type="checkbox"/> Monthly Fuel Consumption:					
Battery volt Crank 1:		Battery volt Crank 2:		Battery Condition:	
Starting hour meter:		Start time:			
Oil pressure start:		Oil Pressure finish:			
Pump Suction Pressure: Pump Discharge pressure:					
Coolant temperature after 30 minutes running:					
Stop time:		Stop hour meter:		Total run time:	
January '25 hour meter:		Total MFD hours:			
Comments:					
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis)					
<p>This new direct drive fire pump engine shall be limited to use for emergency fire suppression, detection and response to a fire or due to low fire water pressure. Such fire pump engine shall be operated no more than 30 minutes in any one fire and no more than 10 hours in any year for 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) standards for the inspection, testing and maintenance of Water Based Fire Systems (NFPA 25). The rules of operation for start-up testing will not be defined, however, that of the above annual limit shall apply.</p> <p>Note: Fuel consumption: 27 gph @ approximately 1500 RPM.</p> <p>Series number of engine operation for emergency use: 1461701853156604</p>					

Fire Pump Weekly Test Log

General Information				
Plant: Alpha C	Beta <input checked="" type="checkbox"/>	Date: 12/13/25	To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
Operator: <u>Diego Rodriguez</u>				
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:	70 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:	0446			
Pump Suction Pressure:	10 PSI		Pump Discharge pressure: 50 PSI	
Stop time:	0456		Total time running: 10 MINS	
Comments: TEST VALVES 100% lined up.				
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 type="checkbox"/> No <input type="checkbox"/>	Monthly Fuel Consumption:		
Battery volt. Crank 1:	Battery volt. Crank 2:	Battery Condition:		
Starting hour meter:	Start time:			
Oil pressure start:	Oil Pressure finish:			
Pump Suction Pressure:	Pump Discharge pressure:			
Coolant temperature after 30 minutes running:				
Stop time:	Stop hour meter:	Total run time:	January 1st hour meter:	Total YTD hours:
Comments: OVER HEATS (TEST w/ BEST FUEL)				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).				
<small>This new over drive fire pump engine shall be limited to use for emergency fire suppression, identified as in response to a fire or due to low fire water pressure. In addition, this engine shall be limited to more than 30 minutes in any 24 hour period and no more than 10 hours per year for initial start-up, testing and compliance demonstrations. Fuel consumption: This engine shall not be operated more than the maximum hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 201 Standards for the Installation, Testing, and Maintenance of Water Based Fire Systems (current edition). The number of operation for sulfur testing will not be counted towards the number of hours allowed above. Note: Fuel consumption 27 gal/h approximately There is no limit on engine operation for emergency use. Title 17 CCR 93115(B)(4)(II)</small>				

Fire Pump Weekly Test Log

General Information					
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 12/22/25		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.	
Operator: Diego Rodriguez					
Reason for running pumps: Weekly test /		Maintenance	Emergency		
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:		28 psi			
Pump Suction Pressure: N/A.		Pump Discharge pressure: 164 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: 0412.					
Pump Suction Pressure: 15 psi.		Pump Discharge pressure: 150 psi			
Stop time: 0422		Total time running: 10 mins.			
Comments: TEST VALVES @ 30%					
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 type="checkbox"/> No <input type="checkbox"/>	Monthly fuel consumption:				
Battery volt Crank 1:	Battery volt Crank 2:	Battery Condition:			
Starting hour meter:		Start time:			
Oil pressure start:		Oil Pressure finish:			
Pump Suction Pressure:		Pump Discharge pressure:			
Coolant temperature after 30 minutes running:					
Stop time:	Stop hour meter:	Total run time:	January 1st hour meter:	Total YTD hours:	
Comments: Under W TO (OFF)					
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).					
<small> This fire pump diesel engine shall be limited to use for engine for fire pumps or related fire 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 24-hour period and no more than 10 hours per year for initial start-up, testing and maintenance purposes. Additionally, this engine shall 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 7-section Testing and Maintenance of Water-Based Fire Systems. Current edit and the hours of operation for source testing will not be counted towards either of the allowable annual limits above. </small>					
<small> Note: Fuel consumed on 27 gal / 24 hours, annually. </small>					
<small> The engine is in compliance with the California fire engine safety code 17-004.04-13.0004. </small>					

Fire Pump Weekly Test Log

General Information					
Plant: Alpha <input type="checkbox"/>	Beta <input checked="" type="checkbox"/>	Date: 12/28/25			
Operator: Anthony		To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.			
Reason for running pump(s): 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: 2250					
Pump Suction Pressure: 15 Pump Discharge pressure: 150					
Stop time: 2300 Total time running: 10 min					
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 type="checkbox"/> No <input type="checkbox"/> Monthly Fuel Consumption:					
Battery volt Crank 1:		Battery volt Crank 2:		Battery Condition:	
Starting hour meter:				Start time:	
Oil pressure start:				Oil Pressure finish:	
Pump Suction Pressure: Pump Discharge pressure:					
Coolant temperature after 30 minutes running:					
Stop time:		Stop hour meter:		Total run time:	
January 1st hour meter:		Total YTD hours:			
Comments:					
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis)					
<p>This low speed 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 each year. 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 operations. 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) 15 Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems (current edition). The hours of operation for testing will not be counted towards the other time-based 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 93115.5A(4)(f)</p>					

Mojave Solar LLC

**42134 Harper Lake Road
Hinkley, California 92347**

Phone: 760 308 0400

Appendix I

Air Quality 54

Gasoline Tank Annual Test

MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

BRAD POIRIEZ, EXECUTIVE DIRECTOR
 14306 Park Avenue, Victorville, CA 92392-2310
 760.245.1661 • Fax 760.245.2022
 www.MDAQMD.ca.gov • @MDAQMD



Rule 461 Pass/Fail Test Results

REQUIRED 30 days after testing

Submit form to VaporRecoveryTesting@mdaqmd.ca.gov

PLEASE TYPE OR PRINT

Test date: 04/15/2025

Section 1: MDAQMD information

Company No.: Mojave Solar, LLC	Facility No.: 3130	Permit No.: N011039
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Section 2: Test results

Aboveground Storage Tank Standing Loss EVR Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/> TP-201.1E Leak rate & cracking pressure of P/V vent valves		Aboveground Storage Tank Phase I & II Pre-EVR Pass <input type="checkbox"/> Fail <input type="checkbox"/> TP-201.6 Liquid removal test TP-201.3 2-inch pressure decay TP-201.4 Dynamic back pressure Ex. 4 Vapor return integrity Healy G-70-187 Ex. 5 Fillneck vapor pressure Healy G-70-187	
Aboveground Storage Tank Phase I & II EVR Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/> TP-206.3 Static pressure performance TP-201.4 Dynamic back pressure TP-201.6C Liquid removal test procedure TP-201.1E Leak rate & cracking pressure of P/V vent valves TP-201.3B AST static pressure performance Ex. 7 Nozzle bag test		Underground Storage Tank Phase I EVR Pass <input type="checkbox"/> Fail <input type="checkbox"/> TP-201.3 2-inch WC static pressure TP-201.1B Static torque of rotatable Phase I adaptors TP-201.1C/D Pressure integrity drop tube/drain valve TP-201.1E Leak rate & cracking pressure of P/V vent valves	
Underground Storage Tank Phase II EVR - ASSIST			
Pass <input type="checkbox"/> Fail <input type="checkbox"/> Ex. 4 Determination of static pressure performance of the Healy Clean Air Separator Ex. 5 Vapor to liquid volume ratio Ex. 7 Nozzle bag test procedure (start up and after drive off) Ex. 8 Required items in conducting TP-201.3 Ex. 9 Liquid condensate trap compliance test		Pass <input type="checkbox"/> Fail <input type="checkbox"/> Ex. 9 Veeder-Root ISD operability test Ex. 10 FFS INCON ISD operability test Ex. 11 Liquid condensate trap compliance procedure Ex. 12 Veeder-Root maintenance tracker (optional)	
Underground Storage Tank Phase II EVR - BALANCE			
Pass <input type="checkbox"/> Fail <input type="checkbox"/> TP-201.3 Determination of 2-inch WC static pressure performance of VR systems TP-201.4 Dynamic back pressure Ex. 4 Required items in conducting TP-201.3 Ex. 5 Liquid removal test procedure (TP-201.6C) Ex. 6 Required items in conducting TP-201.4 Ex. 7 Nozzle bag test procedure (annually per IOM) Ex. 8 VST ECS; hydrocarbon sensor verification test procedure Ex. 9 VST ECS; determination of processor activation pressure Ex. 10 Vapor pressure sensor verification test procedure		Pass <input type="checkbox"/> Fail <input type="checkbox"/> Ex. 11 Veeder-Root vapor polisher; operability test procedure Ex. 12 Veeder-Root vapor polisher; hydrocarbon emissions verification test procedure Ex. 13 Hirt VCS 100 processor; operability test procedure Ex. 14 Franklin fueling systems CAS; static pressure performance test procedure Ex. 15 VST Green Machine compliance test procedure Ex. 16 Liquid condensate trap compliance test procedure Ex. 17 Veeder-Root, ISD operability test (flow meter test) Ex. 18 Veeder-Root maintenance tracker security feature Ex. 19 INCON flow meter operability test procedure	

Section 3: Additional information

Comments/notes: *TP-201.1E: INITIAL TEST FAILED! REPLACED DEFECTIVE HUSING 5/8 5/8, RE-TEST AFTER REPAIR: PASSED!*

Rule 461 Vapor Recovery System Test Results Summary

Your Gasoline Dispensing Facility (GDF) has **Passed** on or more of the following California Air Resources Board (CARB) Performance Tests on your Gasoline Vapor Recovery System:

<input type="checkbox"/> TP-201.3	Static Pressure Performance Test (Leak Decay)	<input type="checkbox"/> TP-201.1B	Static Torque of Rotatable Phase I Adaptors
<input checked="" type="checkbox"/> TP-201.3B	Static Pressure Performance Test - Dispensing Facilities with AST's	<input type="checkbox"/> TP-201.1C	Leak Rate of Drop Tube/Drain Valve Assembly
<input checked="" type="checkbox"/> TP-201.4	Dynamic Back Pressure Test	<input checked="" type="checkbox"/> TP-201.1E	Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves
<input type="checkbox"/> TP-201.5	Air to Liquid Ratio Test	<input type="checkbox"/> TP-206.3	Static Pressure Performance Test - Dispensing Facilities with AST's
<input checked="" type="checkbox"/> TP-201.6C	Liquid Removal Rate Test	<input type="checkbox"/> Other:	

Your Gasoline Dispensing Facility (GDF) has **Failed** on or more of the following California Air Resources Board (CARB) Performance Tests on your Gasoline Vapor Recovery System:

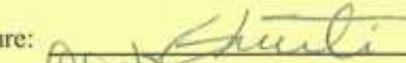
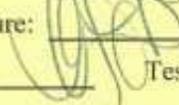
<input type="checkbox"/> TP-201.3	Static Pressure Performance Test (Leak Decay)	<input type="checkbox"/> TP-201.1B	Static Torque of Rotatable Phase I Adaptors
<input type="checkbox"/> TP-201.3B	Static Pressure Performance Test - Dispensing Facilities with AST's	<input type="checkbox"/> TP-201.1C	Leak Rate of Drop Tube/Drain Valve Assembly
<input type="checkbox"/> TP-201.4	Dynamic Back Pressure Test	<input type="checkbox"/> TP-201.1E	Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves
<input type="checkbox"/> TP-201.5	Air to Liquid Ratio Test	<input type="checkbox"/> TP-206.3	Static Pressure Performance Test - Dispensing Facilities with AST's
<input type="checkbox"/> TP-201.6C	Liquid Removal Rate Test	<input type="checkbox"/> Other:	

Rule 461 (e)(5) states that the Owner/Operator shall not operate or resume operation of a Gasoline Transfer and Dispensing Facility, unless the facility has successfully passed the applicable Performance and Reverification Tests.

Continued operation of your Gasoline Dispensing Facility (GDF) without passing tests is a violation of AQMD and APCD Regulations and California Health and Safety Code. You may be subject to substantial financial and other legal penalties.

Notwithstanding the above, when a dispenser associated with any equipment that fails a reverification test, it must be isolated and shut down. The Owner/Operator may continue operation of the remaining equipment if the test results demonstrate that the remaining equipment is functioning in good operating condition. All test results and the method of isolating the defective equipment shall be documented in the test reports to be submitted to the Executive Officer pursuant to subparagraph (e)(7)(C), and also maintained/logged in the O & M Manual on site.

In South Coast AQMD; You may seek administrative relief from the regulations by filing a petition with the Hearing Board. **Be aware that filing a petition for relief does not authorize you to dispense gasoline;** you must wait until the Hearing Board reviews your case. Information concerning the Hearing Board can be obtained by calling the Clerk of the Board at 909 396-2500 from 7:30 AM to 5:30 PM, Tuesday through Friday.

GDF Contact: <u>Mahnaz Ghamati / 760 498-0549</u>	Signature: <u></u>
Testing Person: <u>Marco Camargo</u>	Signature: <u></u>
Testing Company: <u>Orange Coast Petroleum Equipment</u>	Testing Person ID No.: <u>175734</u>
Facility Name: <u>Mojave Solar, LLC</u>	AQMD Facility ID No.: <u>3130</u>
Facility Address: <u>42134 Harper Lake Rd Hinkley, CA 92347</u>	Date: <u>4/15/2025</u>



2 Inch Static Pressure Performance Test TP-201.3B

Ref. No.: Notified
 AQMD Id: 3130
 Site Name: Mojave Solar, LLC
 Address: 42134 Harper Lake Rd
Hinkley, CA 92347
 Phone: 760 498-0549

Phase I System? 402-D
 Phase II System? G-70-52-AM

Total # of Nozzles 1
 Products per Nozzle 1

Testing Company

Name: Orange Coast Petroleum Equipment
 Address: 1015 N Parker St
Orange, CA 92867
 Phone: 714 744-4049

Tanks Manifolder? No
 Vapor Pot Present? No

Total # of Tanks 1

Tank Information	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>All</u>
1. Product Grade	87/UNLD				87/UNLD
2. Actual Tank Capacity, gallons	2045				2045
3. Gasoline Volume, gallons	696				696
4. Ullage, (V) gallons (line #2 minus line#3)	1349				1349
Test Information	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
5. Start time	11:30am				
6. Initial Test Pressure, inches H ₂ O	2.00				
7. Pressure after 1 minute, inches H ₂ O	1.97				
8. Pressure after 2 minutes, inches H ₂ O	1.95				
9. Pressure after 3 minutes, inches H ₂ O	1.93				
10. Pressure after 4 minutes, inches H ₂ O	1.91				
11. Pressure after 5 minutes, inches H ₂ O	1.90				
12. Allowable Final Pressure	1.15				
13. Pass / Fail (Enter "GF" for Gross failure)	Pass				

4/15/2025
11:30am
 Digital Manometer
3/10/2025
0
1
0 min 54 sec
1 min 48 sec
0
2.17"
 Phase I

Requested Test Date.
 Requested Test Time.
 What type of pressure device used?
 Calibration date for pressure device (90 days).
 Enter initial tank ullage pressure (Vent if over 0.5 in. w.c., then start the 30 min no dispensing period)
 Enter flowmeter rate, F(Must be 1 to 5 CFM).
 Calculate ullage fill time, t₂. $t_2 = \frac{V}{[1522]F}$
 Calculate gross failure time (Twice t₂).
 Enter ending value of drift test (Must be 0.01 in. w.c. or less).
 Record Vapor Coupler Integrity Test Assembly pressure after 1 minute and location.
 Nitrogen introduction point. Phase I vapor coupler or Phase II vapor riser?

Tester: Marco Camargo
 Signature:

Tester Id: 175734
 Test Date: 4/15/2025



Leak Rate and Cracking Pressure of P/V Vent Valves

Ref. No.: Notified
 AQMD Id: 3130
 Site Name: Mojave Solar, LLC
 Address: 42134 Harper Lake Rd
Hinkley, CA 92347
 Phone: 760 498-0549

Testing Company
 Name: Orange Coast Petroleum Equipment
 Address: 1015 N Parker St
Orange, CA 92867
 Phone: 714 744-4049

Calibration Date of Flow Meter: 12/4/2024

Calibration Date of Pressure Gauge: 3/10/2025

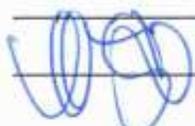
P/V Valve Manufacturer:	Husky	Model Number:	5885	Pass/Fail:	Fail
Manufacturer Specified Positive Leak Rate (CFH):	.05	Manufacturer Specified Negative Leak Rate (CFH):		.21	
Measured Positive Leak Rate(CFH)	>.13	Measured Negative Leak Rate (CFH)		--	
Positive Cracking Pressure (in. H2O)	--	Negative Cracking Pressure (in. H2O)		--	
Serial No.:	0080647461	Remove After Date:	2-2027	Next Test Due:	Removed

P/V Valve Manufacturer:	Husky	Model Number:	5885	Pass/Fail:	Pass
Manufacturer Specified Positive Leak Rate (CFH):	.05	Manufacturer Specified Negative Leak Rate (CFH):		.21	
Measured Positive Leak Rate(CFH)	.04	Measured Negative Leak Rate (CFH)		.06	
Positive Cracking Pressure (in. H2O)	4.38"	Negative Cracking Pressure (in. H2O)		-7.65"	
Serial No.:	0008319910	Remove After Date:	10-2029	Next Test Due:	4-2026

P/V Valve Manufacturer:		Model Number:		Pass/Fail:	
Manufacturer Specified Positive Leak Rate (CFH):		Manufacturer Specified Negative Leak Rate (CFH):			
Measured Positive Leak Rate(CFH)		Measured Negative Leak Rate (CFH)			
Positive Cracking Pressure (in. H2O)		Negative Cracking Pressure (in. H2O)			
Serial No.:		Remove After Date:		Next Test Due:	

P/V Valve Manufacturer:		Model Number:		Pass/Fail:	
Manufacturer Specified Positive Leak Rate (CFH):		Manufacturer Specified Negative Leak Rate (CFH):			
Measured Positive Leak Rate(CFH)		Measured Negative Leak Rate (CFH)			
Positive Cracking Pressure (in. H2O)		Negative Cracking Pressure (in. H2O)			
Serial No.:		Remove After Date:		Next Test Due:	

P/V Valve Manufacturer:		Model Number:		Pass/Fail:	
Manufacturer Specified Positive Leak Rate (CFH):		Manufacturer Specified Negative Leak Rate (CFH):			
Measured Positive Leak Rate(CFH)		Measured Negative Leak Rate (CFH)			
Positive Cracking Pressure (in. H2O)		Negative Cracking Pressure (in. H2O)			
Serial No.:		Remove After Date:		Next Test Due:	

Tester: Marco Camargo
 Signature: 

Tester Id: 175734
 Test Date: 4/15/2025



Ref. Number: _____ Notified

Repair Log:

Defective Husky 5885 P/V Vent Valve - Exceeded Positive Leak Rate Test (>.13)

Installed 1ea. Husky 5885 P/V Vent Valve - SN: 0008319910 R/A: 10-2029

Comments:

TP-201.1E: Initial Test Failed

Replaced Defective Husky 5885 P/V Vent Valve

Re-test after Repair: Passed

Mojave Solar LLC

**42134 Harper Lake Road
Hinkley, California 92347**

Phone: 760 308 0400

Appendix J

Air Quality 58

Gasoline Tank Usage

MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
BRAD POIRIEZ, EXECUTIVE DIRECTOR
 14306 Park Ave., Victorville, CA 92392-2310
 760.245.1661 • Fax 760.245.2022
www.MDAQMD.ca.gov • @MDAQMD



Throughput Fuel Dispensing Equipment

Failure to respond no later than **the last day in February** will result in enforcement action.

Emission year: 2025

Fill out all sections and return to MDAQMD
 at the address listed at the top of this document,
 or email completed form to
VaporRecoveryTesting@mdaqmd.ca.gov.

→ Section 1: Station information			
Station name: Mojave Solar LLC	Company No.: 1876	Facility No.: 3130	Permit No.: N011039
Address: 42134 Harper Lake Rd		City: Hinkley	ZIP: 92347
Phone: 760-308-0418		Email: mahnaz.ghamati@atlantica.com	

→ Section 2: Fuel information			
Type of fuel dispensed	Total gallons dispensed in emission year	Type of fuel dispensed	Total gallons dispensed in emission year
<input checked="" type="checkbox"/> Gasoline	19,930	<input type="checkbox"/> Aviation gas	
<input checked="" type="checkbox"/> Diesel fuel	15,936	<input type="checkbox"/> Ethanol	
<input type="checkbox"/> Propane		<input type="checkbox"/> Racing fuel	

→ Section 3: Certification		
I hereby certify that all information contained herein is true and correct.		
Name of responsible official: Mahnaz Ghamati	Official title: Environmental & Compliance Manager	
Signature of responsible official: <i>Ghamati</i>		
Phone number: 760-498-0549	Email address: mahnaz.ghamati@atlantica.com	Date signed: 01/23/2026

For questions or assistance, call 760-245-1661

Mojave Solar LLC

**42134 Harper Lake Road
Hinkley, California 92347**

Phone: 760 308 0400

Appendix K

Air Quality 63,65,66,72

Carbon Adsorption System – Annual Test, Control Efficiency

Mojave Solar LLC

42134 Harper Lake Road
Hinkley, California 92347

Phone: 760 308 0400

Subject: 09-AFC-5C
Condition Number: AQ-72
Description: Annual Compliance Test for VOC & Benzene Emissions,
Carbon System (09-AFC-5C) 2025
Submittal Number: AQ72-17-00

June 5, 2025

Ashley Gutierrez, CPM
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814
Ashley.Gutierrez@energy.ca.gov
Submitted electronically via email

Mrs. Gutierrez,

Pursuant to the Condition of Certification AQ-72, we are submitting the Protocol for VOC & Benzene Emissions Testing on Carbon Adsorption systems of the Mojave Solar Project for your review and records.

Please accept this letter as a formal invitation to witness the test. The confirmed schedule for the test is August 5th, 2025. The test protocol and the tentative test date were submitted to the Mojave Desert Air Quality Management District (MDAQMD) and were accepted on June 4th, 2025.

For your convenience, we are including the Compliance verification language below:

The project owner shall provide a compliance test protocol to the District for approval and CPM for review at least thirty (30) days prior to the compliance tests. The project owner shall notify the District and the CPM within ten (10) working days before the execution of the compliance tests required in AQ-73 and AQ-74, and the test results shall be submitted to the District and to the CPM within forty-five (45) days after the tests are conducted.

Should you have any questions or comments, please don't hesitate to contact me.

Sincerely,

Mahnaz Ghamati

Quality, Environmental & Compliance Manager
Mojave Solar Project

Mojave Solar LLC

42134 Harper Lake Road Phone: 760 308 0400
Hinkley, California 92347

42134 Harper Lake Rd
Hinkley, CA 92347
Cell: (760) 498-0549
mahnaz.ghamati@atlantica.com

Attachments: Test protocol and MDAQMD's submittal communication.

Re: Mojave Solar 2025 2 Carbon Adsorption Units Compliance Test Plan

From Mahnaz Ghamati <mahnaz.ghamati@atlantica.com>

Date Wed 6/4/2025 10:54 AM

To May Mamari <mmamari@mdaqmd.ca.gov>; Roddy Rauls <rrauls@montrose-env.com>; Engineering Email <Engineering@mdaqmd.ca.gov>

Cc Joseph Rubio <jrubio@montrose-env.com>; Reporting <reporting@mdaqmd.ca.gov>

Thank you for the review and approval.

As we work to streamline invoice and payment processing, we request that all invoices be submitted to ap.us@atlantica.com. The PO number must be referenced on the invoice and must include a similar breakdown corresponding to the PO for prompt matching. We appreciate your understanding and proactive cooperation in supporting our efforts to enhance efficiency.

Kind regards,

Mahnaz Ghamati
Quality, Environmental & Compliance Manager



mahnaz.ghamati@atlantica.com

Office: 760-308-0418

Cell: 760-498-0549

www.atlantica.com

From: May Mamari <mmamari@mdaqmd.ca.gov>

Sent: Wednesday, June 4, 2025 10:42 AM

To: Mahnaz Ghamati <mahnaz.ghamati@atlantica.com>; Roddy Rauls <rrauls@montrose-env.com>; Engineering Email <Engineering@mdaqmd.ca.gov>

Cc: Joseph Rubio <jrubio@montrose-env.com>; Reporting <reporting@mdaqmd.ca.gov>

Subject: RE: Mojave Solar 2025 2 Carbon Adsorption Units Compliance Test Plan

WARNING: EXTERNAL EMAIL. Exercise caution when opening links or attachments.

Good morning,

The test protocol has been reviewed and approved. You can proceed with the test time and date. Please feel free to contact me if you have any questions or concerns.

Best regards,