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Document Title:	Segment 003 of COMPLIANCE7-09-00 Mojave Solar Project 2025 Annual Compliance Report (09-AFC-05C)
Description:	N/A
Filer:	Mahnaz Ghamati
Organization:	Abengoa Solar
Submitter Role:	Applicant
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Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ | Date: 3/8/25

Operator: Marcelino S. | *To be completed each time unit is operated*

Reason for running pumps: Weekly test ☑ Maintenance Emergency

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 185

Discharge Pressure: 162

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: ~~155~~ 145

Start time: 0605

Pump Suction Pressure: 70 Pump Discharge pressure: 150

Stop time: 0615 Total time running: 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes [ ] No [ ] | 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~~ ~~60~~ 0 | Oil Pressure finish: 172

Pump Suction Pressure: 70 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):

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 50 hours per year for initial start-up testing and maintenance 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 version). 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 §311 [illegible])

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Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ✓ BETA ☐ Date: 3/3/25 Operator Marcelino S.

Valve Shed # 1 by Condenses

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

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	160	O/C		Y ☐ N ☑	
2	Ullage Area	155	O/C		Y ☐ N ☑	
3	Ullage Structure	160	O/C		Y ☐ N ☑	
4	Rack 1 Middle Area	160	O/C		Y ☐ N ☑	
5	Overflow Tanks	160	O/C		Y ☐ N ☑	
6	Rack 1 South Area	160	O/C		Y ☐ N ☑	
7	Rack 1 West	155	O/C		Y ☐ N ☑	
8	Rack 1 North Area	160	O/C		Y ☐ N ☑	
9	Over flow AFFF	160	O/C		Y ☐ N ☑	
10	Expansion Vessel AFFF	152	O/C		Y ☐ N ☑	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	O/C	✓	Y ☑ N ☐	
2	Transformer Main	155	O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	O/C	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	160	O/C		Y ☑ N ☐	
2	Offices	160	O/C	✓	Y ☑ N ☐	
3	Electrical Room	160	O/C	✓	Y ☑ N ☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	O/C	
2	Bearing 3	Y ☑ N ☐	O/C	
3	Bearing 4	Y ☑ N ☐	O/C	
4	Bearing 5	Y ☑ N ☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y ☑ N ☐	O/C	
2	MP-200A	Y ☑ N ☐	O/C	
3	MP-200B	Y ☑ N ☐	O/C	
4	MP-200C	Y ☑ N ☐	O/C	
5	MP-200D	Y ☑ N ☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	160	O	Y ☑ N ☐	

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 VS-3 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS-4 # 11	O/C			
6	West side Cooling Tower by VS-4 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 3	O/C			
11	North Side Bldg 12 & 5	O/C			
12	Between MP-444 s and Water Tank # 4	O/C			
13	Beta Only West Side Power Block Valve Shed #7	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y ☐ N ☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information		
Plant: Alpha ☑ Beta ☐		Date: 3/1-/25
Operator: [illegible]		*To be completed each time unit s operated.
Reason for running pumps: Weekly test ☑	Maintenance ☐	Emergency ☐

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

Electric Pump		
Pre-start Inspection: Electrical Feed ☑	Mechanical ☑	Valves ☑
Start the pump on pressure drop. Start up pressure: 145 psi		
Start time: 1951		
Pump Suction Pressure: 15 psi		Pump Discharge pressure: 158 psi
Stop time: 2001		Total time running 10 min
Comments:		

Diesel Pump				
Pre-start Inspection: Coolant ☑	Oil ☑	Mechanical ☑	Valves ☑	Water Jacket Heater ☑
Fuel level > 2/3: Yes ☐ No ☐		Monthly Fuel Consumption:		
Battery volt Crank 1: 26 Battery volt Crank 2: 26		Battery Condition: good [illegible]		
Starting hour meter: 132 .9		Start time: 2004		
Oil pressure start: 57		Oil Pressure finish: 56		
Pump Suction Pressure: 15 psi		Pump Discharge pressure: 165 psi		
Coolant temperature after 30 minutes running: 30 [illegible] 5 min = 178°				
Stop time: 2009	Stop hour meter: 132.9		Total time running: 5 min	
Comments: Low on coolant				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).				

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual 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)]

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Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 2/28/25 Operator Marcino S.

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	160	O/C	✓	Y☑ N☐	
2	SG Unit 2	155	O/C	✓	Y☑ N☐	
3	Reheaters	155	O/C	✓	Y☑ N☐	
4	Rack 2 West Side	160	O/C	✓	Y☑ N☐	
5	Rack 2 East Side	155	O/C	✓	Y☑ N☐	
6	North Steel Pro	155	O/C	✓	Y☑ N☐	
7	HTF Pumps	155	O/C	✓	Y☑ N☐	
8	HTF Heaters	155	O/C	✓	Y☑ N☐	
9	South Steel Pro	160	O/C	✓	Y☑ N☐	
10	Lube Oil	150	O/C	✓	Y☐ N☑	
11	Turbine Hose Stations	160	O/C	✓	Y☑ N☐	
12	Turbine Bearings	160	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	165	O/C	✓	Y☐ N☑	
2	Village Area	155	O/C	✓	Y☐ N☑	
3	Village Structure	160	O/C	✓	Y☐ N☑	
4	Rack 1 Middle Area	160	O/C	✓	Y☐ N☑	
5	Overflow Tanks	160	O/C	✓	Y☐ N☑	
6	Rack 1 South Area	160	O/C	✓	Y☐ N☑	
7	Rack 1 West	160	O/C	✓	Y☐ N☑	
8	Rack 1 North Area	160	O/C	✓	Y☐ N☑	
9	Overflow AFFF		O/C	✓	Y☐ N☑	
10	Expansion Vessel AFFF		O/C	✓	Y☐ N☑	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	✓	Y☑ N☐	
2	Transformer Main	160	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side		O/C		Y☐ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	155	O/C	✓	Y☐ N☐	
2	Offices	155	O/C	✓	Y☐ N☐	
3	Electrics Room	155	O/C	✓	Y☐ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-200	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	160	O	Y☑ N☐	

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-4 # 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

No.	System	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑	03/24/23	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha II Beta ☐	Date: 3/29/25
Operator: Erick C.	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 160

Pump Suction Pressure: n/a. Pump Discharge pressure: 160

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 overfilled or clogged.

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☐ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ Monthly Fuel Consumption:

Battery volt Crank 1: 27.0 Battery volt Crank 2: 27.0	Battery Condition: Good
Starting hour meter: 137.3 / 1	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 1st hour meter: Total YTD hours:

Comments: 1760 rpm's.

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

This new direct drive fire pump engine shall be limited to use for emergency fire suppression defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25- Standards for the Inspection, Testing and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable 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)]

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Mojave Solar LLC

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	B1-1	50	Ø/C	✓	Y ☑ N ☐	
2	SG Unit 2	B1-2	0	Ø/C	✓	Y ☑ N ☐	
3	Reheaters	B1-3	55	Ø/C	✓	Y ☑ N ☐	
4	Rack 2 West HTF	B1-4	165	Ø/C	✓	Y ☑ N ☐	
5	Rack 2 East HTF	B1-5	150	Ø/C	✓	Y ☑ N ☐	
6	North Steel Pro	B1-6	0	Ø/C	✓	Y ☑ N ☐	
7	HTF Pumps	B1-7	155	Ø/C	✓	Y ☑ N ☐	
8	HTF Heaters	B1-8	160	Ø/C	✓	Y ☑ N ☐	
9	South Steel Pro	B1-9	165	Ø/C	✓	Y ☑ N ☐	
10	Lube Oil	B1-10	0	Ø/C	✓	Y ☑ N ☐	
11	Turbine Hose Stations	B1-11	0	Ø/C	✓	Y ☑ N ☐	
12	Turbine Bearings	B1-12	140	Ø/C	✓	Y ☑ N ☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	170	Ø/C	✓	Y ☑ N ☐	
2	Ullage Area	B2-2	160	Ø/C	✓	Y ☑ N ☐	
3	Ullage Structure	B2-3	160	Ø/C	✓	Y ☑ N ☐	
4	Rack 1 Middle Area	B2-5	165	Ø/C	✓	Y ☑ N ☐	
5	Overflow Tanks	B2-6	170	Ø/C	✓	Y ☐ N ☑	
6	Rack 1 South Area	B2-6	160	Ø/C	✓	Y ☐ N ☑	
7	Rack 1 West	B2-7	160	Ø/C	✓	Y ☑ N ☐	
8	Rack 1 North Area	B2-4	155	Ø/C	✓	Y ☑ N ☐	
9	Over flow AFFF	B2-8	160	Ø/C	✓	Y ☐ N ☑	
10	Expansion Vessel AFFF	B2-9	160	Ø/C	✓	Y ☐ N ☑	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	130	Ø/C	✓	Y ☑ N ☐	
2	Transformer Main	155	Ø/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	155	Ø/C	X	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	Ø/C	✓	Y ☑ N ☐	
2	Offices	B4-3	160	Ø/C	✓	Y ☑ N ☐	
3	Electrical Room	B4-4	160	Ø/C	✓	Y ☑ N ☐	

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

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	Ø/C	
2	Bearing 3	Y ☑ N ☐	Ø/C	
3	Bearing 4	Y ☑ N ☐	Ø/C	
4	Bearing 5	Y ☑ N ☐	Ø/C	

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

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y ☐ N ☑	Ø/C	
2	MP-200A	Y ☑ N ☐	Ø/C	
3	MP-200B	Y ☑ N ☐	Ø/C	
4	MP-200C	Y ☑ N ☐	Ø/C	
5	MP-200D	Y ☑ N ☐	Ø/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	190	O	Y ☑ N ☐	

PIV Checks

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

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y ☐ N ☑	

FO-O&M-MJV-104

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 3/24/25
Operator: Anthony	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 163	
Pump Suction Pressure: —	Pump Discharge pressure: —
Comments:	

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑	
Fuel level > 2/3: Yes ☐ No ☑	Monthly Fuel Consumption: —
Battery volt Crank 1: 26 Battery volt Crank 2: 24	Battery Condition: Good
Starting hour meter: 137.2	Start time: 2348
Oil pressure start:	Oil Pressure finish: 45
Pump Suction Pressure: 15	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 196 after 8 min	
Stop time: 2355 Stop hour meter: 137.3 Total run time: 8 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 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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

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	160	O/C	✓	Y☑ N☐	
2	SG Unit 2	160	O/C	✓	Y☑ N☐	
3	Reheaters	155	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	160	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	160	O/C	✓	Y☑ N☐	
6	North Steel Pro	160	O/C	✓	Y☑ N☐	
7	HTF Pumps	160	O/C	✓	Y☑ N☐	
8	HTF Heaters	160	O/C	✓	Y☑ N☐	
9	South Steel Pro	160	O/C	✓	Y☑ N☐	
10	Lube Oil	160	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	160	O/C	✓	Y☑ N☐	
12	Turbine Bearings	155	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessel	160	O/C	✓	Y☑ N☐	
2	Ullage Area	145	O/C	✓	Y☑ N☐	
3	Ullage Structure	160	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	155	O/C	✓	Y☑ N☐	
5	Overflow Tanks	145	O/C	✓	Y☑ N☐	
6	Rack 1 South Area	155	O/C	✓	Y☑ N☐	
7	Rack 1 West	160	O/C	✓	Y☑ N☐	
8	Rack 1 North Area	160	O/C	✓	Y☑ N☐	
9	Overflow AFFF	160	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	160	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	150	O/C	✓	Y☑ N☐	
2	Transformer Main	160	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	160	O/C	✓	Y☑ N☐	
2	Offices	160	O/C	✓	Y☑ N☐	
3	Electrical Room	160	O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	190	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #5	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☐ N☑	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 3/17/25
Operator: Anthony	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 163

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ 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 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" (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)(3)]

Atlantica
Sustainable Infrastructure

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 ☑ N ☐
2	SG Unit 2	31-2	160	O/C	✓	Y ☐ N ☐
3	Reheaters	31-3	155	O/C	✓	Y ☐ N ☐
4	Rack 2 West HTF	31-4	160	O/C	✓	Y ☐ N ☐
5	Rack 2 East HTF	31-5	160	O/C	✓	Y ☐ N ☐
6	North Steel Pro	31-6	160	O/C	✓	Y ☐ N ☐
7	HTF Pumps	31-7	160	O/C	✓	Y ☐ N ☐
8	HTF Heaters	31-8	160	O/C	✓	Y ☐ N ☐
9	South Steel Pro	31-9	160	O/C	✓	Y ☐ N ☐
10	Lube Oil	31-10	160	O/C	✓	Y ☐ N ☐
11	Turbine Hose Stations	31-11	160	O/C	✓	Y ☐ N ☐
12	Turbine Bearings	31-12	160	O/C	✓	Y ☐ N ☐

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	32-1	160	O/C	✓	Y ☐ N ☐
2	Ullage Area	32-2	160	O/C	✓	Y ☐ N ☐
3	Ullage Structure	32-3	155	O/C	✓	Y ☐ N ☐
4	Rack 1 Middle Area	32-4	154	O/C	✓	Y ☐ N ☐
5	Overflow Tanks	32-5	154	O/C	✓	Y ☐ N ☐
6	Rack 1 South Area	32-6	160	O/C	✓	Y ☐ N ☐
7	Rack 1 West	32-7	160	O/C	✓	Y ☐ N ☐
8	Rack 1 North Area	32-8	160	O/C	✓	Y ☐ N ☐
9	Over flow AFFF	32-9	160	O/C	✓	Y ☐ N ☐
10	Expansion Vessel AFFF	32-10	155	O/C	✓	Y ☐ N ☐

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		O/C		Y ☐ N ☐	
2	Transformer Main		O/C		Y ☐ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side		O/C		Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	35-1	165	O/C	✓	Y ☐ N ☐
2	Offices	35-2	160	O/C	✓	Y ☐ N ☐
3	Electrical Room	35-3	160	O/C	✓	Y ☐ N ☐

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☐ N ☐	O/C	
2	Bearing 3	Y ☐ N ☐	O/C	
3	Bearing 4	Y ☐ N ☐	O/C	
4	Bearing 5	Y ☐ N ☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-200	Y ☐ N ☐	O/C	
2	MP-200A	Y ☐ N ☐	O/C	
3	MP-200B	Y ☐ N ☐	O/C	
4	MP-200C	Y ☐ N ☐	O/C	
5	MP-200D	Y ☐ N ☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	140	O	Y ☐ 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	Y ☐ N ☑	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	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 ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: —

Battery volt Crank 1: 26 Battery volt Crank 2: 24	Battery Condition: Good
Starting hour meter: 137.0	Start time: 0619
Oil pressure start: 1	Oil Pressure finish: 46
Pump Suction Pressure: 20	Pump Discharge pressure: 150

Coolant temperature after 30 minutes running: 187 after 6 min

Stop time: 0625 Stop hour meter: 137.1 Total run time: 6 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 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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

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

Valve Shed # 1 by Condenser

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

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	160	O/C	✓	Y ☑ N ☐	
2	Ullage Area	160	O/C	✓	Y ☑ N ☐	
3	Ullage Structure	155	O/C	✓	Y ☑ N ☐	
4	Rack 1 Middle Area	160	O/C	✓	Y ☑ N ☐	
5	Overflow Tanks	155	O/C	✓	Y ☑ N ☐	
6	Rack 1 South Area	155	O/C	✓	Y ☑ N ☐	
7	Rack 1 West	155	O/C	✓	Y ☑ N ☐	
8	Rack 1 North Area	155	O/C	✓	Y ☑ N ☐	
9	Over flow AFFF	160	O/C	✓	Y ☑ N ☐	
10	Expansion Vessel AFFF	160	O/C	✓	Y ☑ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux.	160	O/C	✓	Y ☑ N ☐	
2	Transformer Main	155	O/C	✓	Y ☐ 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	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	155	O/C	✓	Y ☑ N ☐	
2	Offices	155	O/C	✓	Y ☑ N ☐	
3	Electrical Room	160	O/C	✓	Y ☑ N ☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	O/C	
2	Bearing 3	Y ☑ N ☐	O/C	
3	Bearing 4	Y ☑ N ☐	O/C	
4	Bearing 5	Y ☑ N ☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y ☐ N ☑	O/C	
2	MP-200A	Y ☑ N ☐	O/C	
3	MP-200B	Y ☑ N ☐	O/C	
4	MP-200C	Y ☑ N ☐	O/C	
5	MP-200D	Y ☑ N ☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump house Deluge	180	Open	Y ☑ N ☐	

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 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 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

No.	System	Check	Comments / Actions
1	Transformer Yard Refuse Check	Y ☐ N ☐	

p kly Log

	1/25
	*To be completed each time unit is operated.

N/A 3

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

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	177	✓O/C	✓	Y ☑ N ☐	
2	SG Unit 2	160	✓O/C	✓	Y ☑ N ☐	
3	Reheaters	155	✓O/C	✓	Y ☑ N ☐	
4	Rack 2 West - TF	160	✓O/C	✓	Y ☑ N ☐	
5	Rack 2 East -TF	155	✓O/C	✓	Y ☑ N ☐	
6	Main Steel Pre	160	✓O/C	✓	Y ☑ N ☐	
7	HTF Pumps	160	✓O/C	✓	Y ☑ N ☐	
8	HTF Heaters	150	✓O/C	✓	Y ☑ N ☐	
9	South Steel Pre	160	✓O/C	✓	Y ☑ N ☐	
10	Surge Oil	155	✓O/C	✓	Y ☑ N ☐	
11	Turbine Hose Stations	155	✓O/C	✓	Y ☑ N ☐	
12	Turbine Bearings	155	✓O/C	✓	Y ☑ N ☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessel	170	✓O/C	✓	Y ☑ N ☐	
2	Ullage Area	165	✓O/C	✓	Y ☑ N ☐	
3	Ullage Structure	165	✓O/C	✓	Y ☑ N ☐	
4	Rack 1 Middle Area	170	✓O/C	✓	Y ☑ N ☐	
5	Overflow Tanks	170	✓O/C	✓	Y ☑ N ☐	
6	Rack 1 South Area	165	✓O/C	✓	Y ☑ N ☐	
7	Rack 1 West	175	✓O/C	✓	Y ☑ N ☐	
8	Rack 1 North Area	170	✓O/C	✓	Y ☑ N ☐	
9	Overflow AFFF	165	✓O/C	✓	Y ☑ N ☐	
10	Expansion Vessel AFFF	165	✓O/C	✓	Y ☑ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓O/C	✓	Y ☑ N ☐	
2	Transformer Main	155	✓O/C	✓	Y ☑ N ☐	

Valve Shed #4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓O/C	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	160	✓O/C	✓	Y ☐ N ☐	
2	Offices	155	✓O/C	✓	Y ☑ N ☐	
3	Electrical Room	155	✓O/C	✓	Y ☑ N ☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	O/C	
2	Bearing 3	Y ☑ N ☐	O/C	
3	Bearing 4	Y ☑ N ☐	O/C	
4	Bearing 5	Y ☑ N ☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y ☐ N ☑	✓O/C	
2	MP-200A	Y ☑ N ☐	✓O/C	
3	MP-200B	Y ☑ N ☐	✓O/C	
4	MP-200C	Y ☑ N ☐	✓O/C	
5	MP-200D	Y ☑ N ☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	190	Open	Y ☑ N ☐	

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 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-111 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

No.	System	Deluge	Comments / Actions
1	Transformer Yard Refuse Chase	Y ☐ N ☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 4/15/25
Operator: Diego Rodriguez	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 110 psi

Pump Suction Pressure: N/A Pump Discharge pressure: 165 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145 psi

Start time: 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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: N/A.

Battery volt Crank 1: 24.9 Battery volt Crank 2: 27	Battery Condition: ✓
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: 3mins January 1st hour meter: Total YTD hours:

Comments:

Coolant level low.

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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 4/14/25
Operator: Jose Garcia	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

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

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
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 ☐ Oil ☐ Mechanical ☐ Valves ☐ Water Jacket Heater ☐	
Fuel level > 2/3: Yes ☐ No ☐	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: Didnt Run Diesel pump Due too coolant Reservoir Being Completely Empty.....	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis)	

This new direct drive fire pump engine shall be limited to use for emergency fire suppression defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal / hr approximately.

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

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Fire Pump Weekly Test Log

General Information

Plant: Alpha ✓ Beta ☐ | Date: 4/20/25

Operator: Antone P | *To be completed each time unit is operated.

Reason for running pumps: Weekly test ✓ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: N/A

Pump Suction Pressure: N/A | Pump Discharge pressure: N/A

Comments:

Electric Pump

Pre start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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: 10 mins

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ | Monthly Fuel Consumption:

Battery volt Crank 1: Battery volt Crank 2: ✓ | Battery Condition: ✓

Starting hour meter: 133.0 | Start time: 2010

Oil pressure start: / | 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: 3 mins

Comments:

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

This diesel-fired 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 NFPA testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 7 gal/h approximately.

There is no limit on engine operation for emergency use. Title 17 CCR 93115[illegible]

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Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ | Date: 4/26/25
Operator: Anthony V. | *To be completed each time unit is operated

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 161

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☐ Oil ☐ Mechanical ☐ Valves ☐ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☐ No ☐ 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 time running:

Comments:

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

This diesel [illegible] fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low [illegible] 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 routine testing will not be counted towards [illegible] 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 93115.6(a)(4)

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Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 4/15/25
Operator: Diego Rodriguez	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 165psi

Pump Suction Pressure: N/A Pump Discharge pressure: 168 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145 psi

Start time: 2233

Pump Suction Pressure: 15psi Pump Discharge pressure: 150psi

Stop time: 2243 Total time running 10 mins.

Comments: Sump pump does not work Notification created.

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: N/A.

Battery volt Crank 1: 27 Battery volt Crank 2: 27.	Battery Condition: ✓
Starting hour meter: 137.4	Start time: 2244
Oil pressure start: 61	Oil Pressure finish: 51

Pump Suction Pressure: 20psi Pump Discharge pressure: 150psi

Coolant temperature after 30 minutes running:

Stop time: 2247 Stop hour meter: 137.4 Total run time: 3min January 1st 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).

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 18 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)]

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Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 4/12/25
Operator: Diego Rodriguez	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155psi

Discharge Pressure: 77psi

Pump Suction Pressure: N/A Pump Discharge pressure: 167psi

Comments:

VSS B4-5 Goes OFF while TESTING OF Jockey pump

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: N/A.

Battery volt Crank 1: 27 Battery volt Crank 2: 27.	Battery Condition: Good.
Starting hour meter: 137.4	Start time: 0015
Oil pressure start: 41psi	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).

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)(4)]

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Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 4 | 20 | 25
Operator: Eric	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**

Reason for running pumps: Weekly test ☐ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 168

Pump Suction Pressure: n/A Pump Discharge pressure: 168

Comments: Continues to run while other pumps are under test

Electric Pump

Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

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 ☐ Oil ☐ Mechanical ☐ Valves ☐ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☐ No ☐ 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 1st hour meter: Total YTD hours:

Comments: 1760 RPM.

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 50 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(b)(4)]

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Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 4/26/25
Operator: Anthony V.	**To be completed each time unit is operated.** **The NFPA Form AE5 5.1 must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 164

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: —

Battery volt Crank 1: Battery volt Crank 2:	Battery Condition: Good
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 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" (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)]

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Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 5/31/25
Operator: Antonio	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

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

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑	
Fuel level > 2/3: Yes ☑ No ☐	Monthly Fuel Consumption:
Battery volt Crank 1: Battery volt Crank 2:	Battery Condition: ✓
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: 2357 Stop hour meter:	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 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 50 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 these 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)]

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Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 5/31/25
Operator: Erick	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

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 ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☐ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ Monthly Fuel Consumption:

Battery volt Crank 1: 26.8 Battery volt Crank 2: 26.8	Battery Condition: Good
Starting hour meter: 137.8	Start time: 19:50
Oil pressure start: 60	Oil Pressure finish: 42

Pump Suction Pressure: 24 Pump Discharge pressure: 150

Coolant temperature after 30 minutes running: 140 — 210

Stop time: 19:58 Stop hour meter: 137.9 Total run time: 8 January 1st 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).

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 50 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 7 gal / h approximately.

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

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Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 5/24/25
Operator: Erick C.	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

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 ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ Monthly Fuel Consumption:

Battery volt Crank 1: 26.9 Battery volt Crank 2: 26.8	Battery Condition: Good.
Starting hour meter: 1327.	Start time: 20:00
Oil pressure start: 65.	Oil Pressure finish: 48.
Pump Suction Pressure: 25.	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 205.	
Stop time: 20:05 Stop hour meter:	Total run time: 5min January 1st hour meter: Total YTD hours:

Comments: 1760 RPM

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-"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 CCR §2115.6(a)(4)]

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Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑ | Date: 5/20/25

Operator: Anthony | **To be completed each time unit is operated. The NFPA Form AE5 5.1must be completed weekly.**

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 163

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ 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: 1 | 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 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 16 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 2+ gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(3)]

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Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 5/30/25 Operator: Diego D.P.

Valve Shed # 1 by Condenser

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

Valve Shed # 2 by Overflow

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

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	O/C	✓	Y☐ N☐	
2	Transformer Main	155	O/C	✓	Y☐ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	O/C	X	Y☐ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	155	O/C	✓	Y☐ N☐	
2	Offices	B4-3	155	O/C	✓	Y☐ N☐	
3	Electrical Room	B4-4	155	O/C	✓	Y☐ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☐ N☐	O/C	
2	Bearing 3	Y☐ N☐	O/C	
3	Bearing 4	Y☐ N☐	O/C	
4	Bearing 5	Y☐ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	O/C	
2	MP-200A	Y☐ N☐	O/C	
3	MP-200B	Y☐ N☐	O/C	
4	MP-200C	Y☐ N☐	O/C	
5	MP-200D	Y☐ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	200	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	X	X	
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-444's and Water Treat # 4	O/C	X	X	
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☐ N☑	✓	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 5/24/25 Operator: Diego A

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	140	O/C	✓	Y☐ N☑	
2	SG Unit 2	140	O/C	✓	Y☐ N☐	
3	Reheaters	140	O/C	✓	Y☐ N☐	
4	Rack 2 West HTF	135	O/C	✓	Y☐ N☐	
5	Rack 2 East HTF	130	O/C	✓	Y☐ N☐	
6	North Steel Pro	140	O/C	✓	Y☐ N☐	
7	HTF Pumps	140	O/C	✓	Y☐ N☐	
8	HTF Heaters	155	O/C	✓	Y☐ N☐	
9	South Steel Pro	190	O/C	✓	Y☐ N☐	
10	Lube Oil	140	O/C	✓	Y☐ N☐	
11	Turbine Hose Splices	155	O/C	✓	Y☐ N☐	
12	Turbine Bearings	140	O/C	✓	Y☐ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	140	O/C	✓	Y☐ N☐	
2	Village Area	145	O/C	✓	Y☐ N☐	
3	Village Structure	140	O/C	✓	Y☐ N☐	
4	Rack 1 Middle Area	140	O/C	✓	Y☐ N☐	
5	Overflow Tanks	145	O/C	✓	Y☐ N☐	
6	Rack 1 South Area	140	O/C	✓	Y☐ N☐	
7	Rack 1 West	140	O/C	✓	Y☐ N☐	
8	Rack 1 North Area	140	O/C	✓	Y☐ N☐	
9	Over flow AFFF	145	O/C	✓	Y☐ N☐	
10	Expansion Vessel AFFF	145	O/C	✓	Y☐ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	O/C	✓	Y☐ N☐	
2	Transformer Main	155	O/C	✓	Y☐ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	140	O/C	X	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	140	O/C	✓	Y☐ N☐	
2	Offices	155	O/C	✓	Y☐ N☐	
3	Electrical Room	155	O/C	✓	Y☐ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☐ N☐	O/C	
2	Bearing 3	Y☐ N☐	O/C	
3	Bearing 4	Y☐ N☐	O/C	
4	Bearing 5	Y☐ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-200	Y☐ N☑	O/C	
2	MP-200A	Y☐ N☐	O/C	
3	MP-200B	Y☐ N☐	O/C	
4	MP-200C	Y☐ N☐	O/C	
5	MP-200D	Y☐ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	200	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	X	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	Y☐ N☑		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

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

Valve Shed # 1 by Condenser

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1		O/C		Y ☐ N ☐	Lo+o
2	SG Unit 2	B1-2	165	✓ O/C	✓	Y ☑ N ☐	
3	Reheaters	B1-3	160	✓ O/C	✓	Y ☑ N ☐	
4	Rack 2 West HTF	B1-4	165	✓ O/C	✓	Y ☑ N ☐	
5	Rack 2 East HTF	B1-5	160	✓ O/C	✓	Y ☑ N ☐	
6	North Steel Pro	B1-6	168	✓ O/C	✓	Y ☑ N ☐	
7	HTF Pumps	B1-7	168	✓ O/C	✓	Y ☑ N ☐	
8	HTF Heaters	B1-8	160	✓ O/C	✓	Y ☑ N ☐	
9	South Steel Pro	B1-9	160	✓ O/C	✓	Y ☑ N ☐	
10	Lube Oil	B1-10	160	✓ O/C	✓	Y ☑ N ☐	
11	Turbine Hose Stations	B1-11	160	✓ O/C	✓	Y ☑ N ☐	
12	Turbine Bearings	B1-12	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	165	✓ O/C	✓	Y ☑ N ☐	
2	Ullage Area	B2-2	165	✓ O/C	✓	Y ☑ N ☐	
3	Ullage Structure	B2-11	160	✓ O/C	✓	Y ☑ N ☐	
4	Rack 1 Middle Area	B2-5	165	✓ O/C	✓	Y ☑ N ☐	
5	Overflow Tanks	B2-3	160	✓ O/C	✓	Y ☑ N ☐	
6	Rack 1 South Area	B2-6	160	✓ O/C	✓	Y ☑ N ☐	
7	Rack 1 West	B2-7	160	✓ O/C	✓	Y ☑ N ☐	
8	Rack 1 North Area	B2-4	160	✓ O/C	✓	Y ☑ N ☐	
9	Over flow AFFF	B2-8	160	✓ O/C	✓	Y ☑ N ☐	
10	Expansion Vessel AFFF	B2-[illegible]	165	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓ O/C	✓	Y ☑ N ☐	
2	Transformer Main	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	B4-[illegible]	160	✓ O/C	✓	Y ☑ N ☐	
2	Offices	B4-[illegible]	160	✓ O/C	✓	Y ☑ N ☐	
3	Electrical Room	B4-4	160	✓ O/C	✓	Y ☑ N ☐	

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

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	✓ O/C	
2	Bearing 3	Y ☑ N ☐	✓ O/C	
3	Bearing 4	Y ☑ N ☐	✓ O/C	
4	Bearing 5	Y ☑ N ☐	✓ O/C	

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

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y ☑ N ☐	✓ O/C	
2	MP-200A	Y ☑ N ☐	✓ O/C	
3	MP-200B	Y ☑ N ☐	✓ O/C	
4	MP-200C	Y ☑ N ☐	✓ O/C	
5	MP-200D	Y ☑ N ☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	200	open	Y ☑ 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 13 # 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 ☐ N ☐		

FO-O&M-MJV-104

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Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 9/4/25 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1		O/C		Y☐ N☐	
2	SG Unit 2		O/C		Y☐ N☐	
3	Reheaters		O/C		Y☐ N☐	
4	Rack 2 West HTF		O/C		Y☐ N☐	
5	Rack 2 East HTF		O/C		Y☐ N☐	
6	North Steel Pro		O/C		Y☐ N☐	
7	HTF Pumps		O/C		Y☐ N☐	
8	HTF Heaters		O/C		Y☐ N☐	
9	South Steel Pro		O/C		Y☐ N☐	
10	Lube Oil		O/C		Y☐ N☐	
11	Turbine Hose Stations		O/C		Y☐ N☐	
12	Turbine Bearings		O/C		Y☐ N☐	

O/S

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	170	✓O/C	✓	Y☑ N☐	
2	Ullage Area	165	✓O/C	✓	Y☑ N☐	
3	Ullage Structure	166	✓O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	170	✓O/C	✓	Y☑ N☐	
5	Overflow Tanks	160	✓O/C	✓	Y☑ N☐	
6	Rack 1 South Area	170	✓O/C	✓	Y☑ N☐	
7	Rack 1 West	160	✓O/C	✓	Y☑ N☐	
8	Rack 1 North Area	160	✓O/C	✓	Y☑ N☐	
9	Overflow AFFF	165	✓O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	165	✓O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	135	✓O/C	✓	Y☑ N☐	
2	Transformer Main	135	✓O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	160	✓O/C	✓	Y☑ N☐	
2	Offices	160	✓O/C	✓	Y☑ N☐	
3	Electrical Room	160	✓O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-20	Y☑ N☐	✓O/C	
2	MP-200A	Y☑ N☐	✓O/C	
3	MP-200B	Y☑ N☐	✓O/C	
4	MP-200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☑ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	195	open	Y☑ 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 12 # 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☐ N☑		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 4/9/25
Operator: Jose Garcia	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

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

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
Start the pump on pressure drop. Start up pressure: 145 psi	
Start time: 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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑	
Fuel level > 2/3: Yes ☑ No ☐	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 5min 172F	
Stop time: 0135	Stop hour meter: ~~[illegible]~~ 133hrs Total time running: 5 min
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 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/hr approximately.

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

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 6/15/23
Operator: Jose Garcia	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
Check the jockey pump on pressure drop. Start up pressure: 155 psi	
Discharge Pressure: ~~150 psi~~ 150 psi	
Pump Suction Pressure: n/a	Pump Discharge pressure: 145 psi
Comments:	

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
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 ☐ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑	
Fuel level > 2/3: Yes ☑ No ☐	Monthly Fuel Consumption: N/A
Battery volt Crank 1: 24 Battery volt Crank 2: 28	Battery Condition: ☑ need cleaning
Starting hour meter: 133	Start time: ~~2130~~ 2130
Oil pressure start: 55	Oil Pressure finish: 46 psi
Pump Suction Pressure: 15 psi	Pump Discharge pressure: 160
Coolant temperature after 30 minutes running: 5min = 176 F	
Stop time: 2135 Stop hour meter:	Total run time: 5min 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 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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ | Date: 6/21/25

Operator: Marcelino Sarabia | *To be completed each time unit is operated

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☐ Valves ☐

Check the jockey pump on pressure drop. Start up pressure: 156

Discharge Pressure: 163

Pump Suction Pressure: | Pump Discharge pressure:

Comments:

Electric Pump

Pre start Inspection: Electrical Feed ☑ Mechanical ☐ Valves ☐

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 ☑ Oil ☑ Mechanical ☑ Valves ☐ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☑ No ☐ 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: ~~[illegible]~~ 35 PSI

Pump Suction Pressure: 26 | 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).

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 [illegible] hours per year for initial start-up testing and compliance demonstration. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: fuel consumption [illegible] gal/hr approximately.

There is no limit on engine operation for emergency use. [illegible]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 6/20/25 Operator Mike

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	O/C	Good	Y☑ N☐	
2	SG Unit 2	B1-2	165	O/C	Good	Y☑ N☐	
3	Reheaters	B1-3	160	O/C	Good	Y☑ N☐	
4	Rack 2 West HTF	B1-4	160	O/C	Good	Y☑ N☐	
5	Rack 2 East HTF	B1-5	160	O/C	Good	Y☑ N☐	
6	North Steel Pro	B1-6	160	O/C	—	Y☑ N☐	No Signage
7	HTF Pumps	B1-7	160	O/C	—	Y☑ N☐	No Signage
8	HTF Heaters	B1-8	160	O/C	—	Y☑ N☐	No Signage
9	South Steel Pro	B1-9	160	O/C	Good	Y☑ N☐	
10	Lube Oil	B1-10	160	O/C	Good	Y☑ N☐	
11	Turbine Hose Stations	B1-11	160	O/C	Good	Y☑ N☐	
12	Turbine Bearings	B1-12	160	O/C	Good	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	165	O/C	—	Y☑ N☐	No Signage
2	Ullage Area	B2-2	160	O/C	Good	Y☑ N☐	
3	Ullage Structure	B2-11	160	O/C	—	Y☑ N☐	No Signage
4	Rack 1 Middle Area	B2-5	160	O/C	Good	Y☑ N☐	
5	Overflow Tanks	B2-9	160	O/C	Good	Y☑ N☐	
6	Rack 1 South Area	B2-6	160	O/C	Good	Y☑ N☐	
7	Rack 1 West	B2-7	160	O/C	Good	Y☑ N☐	
8	Rack 1 North Area	B2-4	160	O/C	Good	Y☑ N☐	
9	Over flow AFFF	B2-8	160	O/C	Good	Y☑ N☐	
10	Expansion Vessel AFFF	B2-3	160	O/C	Good	Y☑ N☐	

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☑ N☐	
2	Transformer Main	160	O/C	Good	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	O/C	—	Y☑ N☐	No Signage

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	O/C	Good	Y☑ N☐	
2	Offices	B4-3	160	O/C	Good	Y☑ N☐	
3	Electrical Room	B4-4	160	O/C	Good	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	185	Open	Y☑ N☐	Signage good

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☐ N☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 6/29/25
Operator: Marcelino S.	**To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 164

Pump Suction Pressure: Pump Discharge pressure:

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: [redacted] 145

Start time: 0108

Pump Suction Pressure: 20 Pump Discharge pressure: 150

Stop time: [redacted] 0118 Total time running 10 min.

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ 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: [redacted] 181

Stop time: 0126 Stop hour meter: 133 Total run time: 5min 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 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 16 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 Protection 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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

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 B1-1	160	O/C	✓	Y☑ N☐	
2	SG Unit 2 B1-2	160	O/C	✓	Y☑ N☐	
3	Reheaters B1-3	160	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF B1-4	160	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF B1-5	160	O/C	✓	Y☑ N☐	
6	North Steel Pro B1-6	160	O/C	✓	Y☑ N☐	
7	HTF Pumps B1-7	160	O/C	✓	Y☑ N☐	
8	HTF Heaters B1-8	160	O/C	✓	Y☑ N☐	
9	South Steel Pro B1-9	160	O/C	✓	Y☑ N☐	
10	Lube Oil B1-10	160	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations B1-11	160	O/C	✓	Y☑ N☐	
12	Turbine Bearings B1-12	160	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	155	O/C	✓	Y☑ N☐	
2	Ullage Area B2-2	155	O/C	✓	Y☑ N☐	
3	Ullage Structure B2-11	155	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area B2-5	155	O/C	✓	Y☑ N☐	
5	Overflow Tanks B2-9	155	O/C	✓	Y☑ N☐	
6	Rack 1 South Area B2-6	160	O/C	✓	Y☑ N☐	
7	Rack 1 West B2-7	160	O/C	✓	Y☑ N☐	
8	Rack 1 North Area B2-4	160	O/C	✓	Y☑ N☐	
9	Over flow AFFF B2-8	155	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF B2-3	160	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	✓	Y☑ N☐	
2	Transformer Main	160	O/C	✓	Y☐ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	O/C	✓	Y☐ N☑	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	155	O/C	✓	Y☑ N☐	
2	Offices B4-3	155	O/C	✓	Y☑ N☐	
3	Electrical Room B4-4	155	O/C	✓	Y☐ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	O	Y☑ 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-1 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-443 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☐ N☐		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

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	B1-1	160	O/C	✓	Y☑ N☐	
2	SG Unit 2	B1-2	155	O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	150	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	155	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	155	O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	155	O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	150	O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	150	O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	160	O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	150	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	155	O/C	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	160	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	155	O/C	✓	Y☑ N☐	
2	Ullage Area	B2-2	160	O/C	✓	Y☑ N☐	
3	Ullage Structure	B2-3	160	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	B2-5	165	O/C	✓	Y☑ N☐	
5	Overflow Tanks	B2-6	160	O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-6	160	O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	165	O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-8	160	O/C	✓	Y☑ N☐	
9	Over flow AFFF	B2-9	160	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	B2-10	160	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	✓	Y☑ N☐	
2	Transformer Main	165	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	O/C	✓	Y☐ N☑	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-1	155	O/C	✓	Y☑ N☐	
2	Offices	B4-3	154	O/C	✓	Y☑ N☐	
3	Electrical Room	B4-4	155	O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			Out of Commission
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☐ N☐		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 7/12/25 Operator _____

Valve Shed # 1 by Condenser

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

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	160	O/C	Good	Y☑ N☐	
2	Ullage Area	B2-2	160	O/C	Good	Y☑ N☐	
3	Ullage Structure	B2-11	160	O/C	Good	Y☑ N☐	
4	Rack 1 Middle Area	B2-5	160	O/C	Good	Y☑ N☐	
5	Overflow Tanks	B2-9	160	O/C	Good	Y☑ N☐	
6	Rack 1 South Area	B2-6	160	O/C	Good	Y☑ N☐	
7	Rack 1 West	B2-7	160	O/C	Good	Y☑ N☐	
8	Rack 1 North Area	B2-4	160	O/C	Good	Y☑ N☐	
9	Overflow AFFF	B2-8	160	O/C	Good	Y☑ N☐	
10	Expansion Vessel AFFF	B2-3	160	O/C	Good	Y☑ N☐	

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☑ N☐	
2	Transformer Main	160	O/C	Good	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	165	O/C	Good	Y☐ N☑	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	O/C	Good	Y☑ N☐	
2	Offices	B4-2	160	O/C	Good	Y☑ N☐	
3	Electrical Room	B4-4	160	O/C	Good	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	175	open	Y☑ N☐	

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 # 2	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	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 7/18/25 Operator Antonio

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	[illegible]	O/C	✓	Y ☑ N ☐	
2	SG Unit 2	[illegible]	O/C	✓	Y ☑ N ☐	
3	Reheaters	[illegible]	O/C	✓	Y ☑ N ☐	
4	Rack 2 West HTF	[illegible]	O/C	✓	Y ☑ N ☐	
5	Rack 2 East HTF	[illegible]	O/C	✓	Y ☑ N ☐	
6	North Steel Pro	[illegible]	O/C	✓	Y ☑ N ☐	
7	HTF Pumps	[illegible]	O/C	✓	Y ☑ N ☐	
8	HTF Heaters	[illegible]	O/C	✓	Y ☑ N ☐	
9	South Steel Pro	[illegible]	O/C	✓	Y ☑ N ☐	
10	Lube Oil	[illegible]	O/C	✓	Y ☑ N ☐	
11	Turbine Hose Stations	[illegible]	O/C	✓	Y ☑ N ☐	
12	Turbine Bearings	[illegible]	O/C	✓	Y ☑ N ☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	[illegible]	O/C	✓	Y ☑ N ☐	
2	Ullage Area	[illegible]	O/C	✓	Y ☑ N ☐	
3	Ullage Structure	[illegible]	O/C	✓	Y ☑ N ☐	
4	Rack 1 Middle Area	[illegible]	O/C	✓	Y ☑ N ☐	
5	Overflow Tanks	[illegible]	O/C	✓	Y ☑ N ☐	
6	Rack 1 South Area	[illegible]	O/C	✓	Y ☑ N ☐	
7	Rack 1 West	[illegible]	O/C	✓	Y ☑ N ☐	
8	Rack 1 North Area	[illegible]	O/C	✓	Y ☑ N ☐	
9	Over flow AFFF	[illegible]	O/C	✓	Y ☑ N ☐	
10	Expansion Vessel AFFF	[illegible]	O/C	✓	Y ☑ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	[illegible]	O/C	✓	Y ☑ N ☐	
2	Transformer Main	[illegible]	O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	—	O/C ✓	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	[illegible]	O/C	✓	Y ☑ N ☐	
2	Offices	[illegible]	O/C	✓	Y ☑ N ☐	
3	Electrical Room	[illegible]	O/C	✓	Y ☑ N ☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	O/C	
2	Bearing 3	Y ☐ N ☐	O/C	
3	Bearing 4	Y ☐ N ☐	O/C	
4	Bearing 5	Y ☐ N ☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y ☑ N ☐	O/C	
2	MP-200A	Y ☑ N ☐	O/C	
3	MP-200B	Y ☑ N ☐	O/C	
4	MP 200C	Y ☑ N ☐	O/C	
5	MP-200D	Y ☑ N ☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	[illegible]	✓	Y ☐ 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	Y ☐ N ☑		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 7-20-25
Operator: Caleb Sowards	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 165

Pump Suction Pressure: 10LBS Pump Discharge pressure: 165

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 0005

Pump Suction Pressure: 10LBS Pump Discharge pressure: 163

Stop time: 0015 Total time running 10min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26 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 1st 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)(3)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 7/25/25
Operator: Antonio	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: N/A

Pump Suction Pressure: ~~5~~ N/A Pump Discharge pressure: ~~147~~ N/A

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ Monthly Fuel Consumption:

Battery volt Crank 1: Battery volt Crank 2:	Battery Condition: ✓
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" (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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 7/27/25 Operator: Mike

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	O/C	Good	Y☑ N☐
2	SG Unit 2	B1-2	160	O/C	Good	Y☑ N☐
3	Reheaters	B1-3	160	O/C	Good	Y☑ N☐
4	Rack 2 West HTF	B1-4	160	O/C	Good	Y☑ N☐
5	Rack 2 East HTF	B1-5	160	O/C	Good	Y☑ N☐
6	North Steel Pro	B1-6	160	O/C	Good	Y☑ N☐
7	HTF Pumps	B1-7	160	O/C	Good	Y☑ N☐
8	HTF Heaters	B1-8	160	O/C	Good	Y☑ N☐
9	South Steel Pro	B1-9	160	O/C	Good	Y☑ N☐
10	Lube Oil	B1-10	160	O/C	Good	Y☑ N☐
11	Turbine Hose Stations	B1-11	160	O/C	Good	Y☑ N☐
12	Turbine Bearings	B1-12	160	O/C	Good	Y☑ N☐

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	160	O/C	Good	Y☑ N☐
2	Ullage Area	B2-2	160	O/C	Good	Y☑ N☐
3	Ullage Structure	B2-11	160	O/C	Good	Y☑ N☐
4	Rack 1 Middle Area	B2-5	160	O/C	Good	Y☑ N☐
5	Overflow Tanks	B2-9	160	O/C	Good	Y☑ N☐
6	Rack 1 South Area	B2-6	160	O/C	Good	Y☑ N☐
7	Rack 1 West	B2-7	160	O/C	Good	Y☑ N☐
8	Rack 1 North Area	B2-4	160	O/C	Good	Y☑ N☐
9	Over flow AFFF	B2-8	160	O/C	Good	Y☑ N☐
10	Expansion Vessel AFFF	B2-3	165	O/C	Good	Y☑ N☐

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☑ N☐	
2	Transformer Main	160	O/C	Good	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
-	Cooling Tower West Side	0 psi	O/C	Locked	Y☐ N☑	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-1	160	O/C	Good	Y☑ N☐
2	Offices	B4-3	160	O/C	Good	Y☑ N☐
3	Electrical Room	B4-4	160	O/C	Good	Y☑ N☐

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP 201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP 200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge			Y☐ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			Out of Commission
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			No outside PIV sign
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 # E	O/C			
12	Between MP-444's and Water Treat # 4	O/C			Out of Commission
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☐ N☐		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 6/15/25
Operator: Diego Rodriguez	**To be completed each time unit is operated.** **The NFPA Form AE5 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 38 psi

Pump Suction Pressure: N/A. Pump Discharge pressure: 165 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145 psi

Start time: 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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: N/A.

Battery volt Crank 1: 27 Battery volt Crank 2: 27 ✓	Battery Condition: Good.
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 1st 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).

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 50 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 77 gal/h approximately.

There is no limit on engine operation for emergency use. (Title 17 CCR 93115.6(a)(1))

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 6/18/25
Operator: Diego O. Rodriguez	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155psi

Discharge Pressure: 165psi

Pump Suction Pressure: N/A. Pump Discharge pressure: 165psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145psi

Start time: 0208

Pump Suction Pressure: 15psi Pump Discharge pressure: 150psi

Stop time: 0218 Total time running 10 mins.

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: N/A.

Battery volt Crank 1: 27 Battery volt Crank 2: 27.	Battery Condition: ✓
Starting hour meter: 137.9 HRS.	Start time: 0219
Oil pressure start: 61psi	Oil Pressure finish: 45psi

Pump Suction Pressure: 20psi Pump Discharge pressure: 150psi

Coolant temperature after 30 minutes running: 196°F

Stop time: 0224 Stop hour meter: 137.9 Total run time: 5mins 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).

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 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 these 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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 6/15/25 Operator Erick

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	155	✓ O/C	✓	Y ☐ N ☑
2	SG Unit 2	B1-2	160	✓ O/C	✓	Y ☑ N ☐
3	Reheaters	B1-3	155	✓ O/C	✓	Y ☑ N ☐
4	Rack 2 West HTF	B1-4	162	✓ O/C	✓	Y ☐ N ☑
5	Rack 2 East HTF	B1-5	157	✓ O/C	✓	Y ☐ N ☑
6	North Steel Frm	B1-6	160	✓ O/C	✓	Y ☑ N ☐
7	HTF Pumps	B1-7	155	✓ O/C	✓	Y ☑ N ☐
8	HTF Heaters	B1-8	155	✓ O/C	✓	Y ☑ N ☐
9	South Steel Frm	B1-9	160	✓ O/C	✓	Y ☐ N ☑
10	Lube OT	B1-10	152	✓ O/C	✓	Y ☑ N ☐
11	Turbine Hose Stations	B1-11	155	✓ O/C	✓	Y ☑ N ☐
12	Turbine Bearings	B1-12	155	✓ O/C	✓	Y ☑ N ☐

Valve Shed # 2 by Overflow

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

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	✓ O/C	✓	Y ☑ N ☐	
2	Transformer Main	157	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	157	✓ O/C	✓	Y ☑ N ☐
2	Offices	B4-3	157	✓ O/C	✓	Y ☑ N ☐
3	Electrical Room	B4-4	155	✓ O/C	✓	Y ☑ N ☐

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	✓ O/C	
2	Bearing 3	Y ☑ N ☐	✓ O/C	
3	Bearing 4	Y ☑ N ☐	✓ O/C	
4	Bearing 5	Y ☑ N ☐	✓ O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y ☐ N ☑	✓ O/C	
2	MP-202A	Y ☑ N ☐	✓ O/C	
3	MP-202B	Y ☑ N ☐	✓ O/C	
4	MP-202C	Y ☑ N ☐	✓ O/C	
5	MP-202D	Y ☑ N ☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	210	O	Y ☑ N ☐	

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	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-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 13	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y ☐ N ☑		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 6/7/25 Operator Erick

Valve Shed # 1 by Condenser

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

Valve Shed # 2 by Overflow

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

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	✓O/C	✓	Y☑ N☐	
2	Transformer Main	155	✓O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	120	✓O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	155	✓O/C	✓	Y☑ N☐	
2	Offices B4-3	159	✓O/C	✓	Y☑ N☐	
3	Electrical Room B4-4	155	✓O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	✓O/C	
2	MP-200A	Y☑ N☐	✓O/C	
3	MP-200B	Y☑ N☐	✓O/C	
4	MP-200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☑ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	200	O	Y☑ 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	✓	6	
4	West Side Power Block by VS-1 # 10	✓O/C	✓		
5	West Side Cooling Tower by VS-4 # 11	✓O/C	✓	7	
6	West side Cooling Tower by VS-4 # 12	✓O/C	✓		
7	N.W. Corner Chemical Storage #1	✓O/C	✓	1	
8	N.E. Corner Chemical Storage # 2	✓O/C	✓		
9	East Side W.T. by Multimedia Filters # 3	✓O/C	✓	25	
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 13	✓O/C	✓		

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 6/21/25
Operator: Anthony	To be completed each time unit is operated. The NFPA Form AE5 5.1must be completed weekly.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 162

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ 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: 7m,h 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 50 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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 6/21/25 Operator Taylor

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	159	O/C	✓	Y☐ N☑	
2	SG Unit 2	160	O/C	✓	Y☑ N☐	
3	Reheaters	155	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	162	O/C	✓	Y☐ N☑	
5	Rack 2 East HTF	157	O/C	✓	Y☐ N☑	
6	North Steel Pip	160	O/C	✓	Y☑ N☐	
7	HTF Pumps	159	O/C	✓	Y☑ N☐	
8	HTF Heaters	160	O/C	✓	Y☑ N☐	
9	South Steel Pip	162	O/C	✓	Y☐ N☑	
10	Lube Oil	154	O/C	✓	Y☑ N☐	
11	Turbine House Stations	155	O/C	✓	Y☑ N☐	
12	Turbine Bearings	155	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	160	O/C	✓	Y☑ N☐	
2	Ullage Area	160	O/C	✓	Y☑ N☐	
3	Ullage Structure	160	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	160	O/C	✓	Y☑ N☐	
5	Overflow Tanks	157	O/C	✓	Y☑ N☐	
6	Rack 1 South Area	160	O/C	✓	Y☑ N☐	
7	Rack 1 West	160	O/C	✓	Y☑ N☐	
8	Rack 1 North Area	160	O/C	✓	Y☑ N☐	
9	Overflow AFFF	160	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	165	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	154	✓ O/C	✓	Y☑ N☐	
2	Transformer Main	157	✓ O/C	✓	Y☑ 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	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	157	✓ O/C	✓	Y☑ N☐	
2	Offices	157	✓ O/C	✓	Y☑ N☐	
3	Electrical Room	157	✓ O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP 20*	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
*	Fire Pump House Deluge	210	C	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	✓	6/21/25	
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☐ N☑		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 6/28/25
Operator: David Rodriguez	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☑ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155 psi.

Discharge Pressure: 20psi

Pump Suction Pressure: Pump Discharge pressure: 168 psi.

Comments:
PM w/ Main. Jose G.

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145 psi.

Start time: 0619.

Pump Suction Pressure: 15psi. Pump Discharge pressure: 150psi.

Stop time: 0659. Total time running 10 Mins.

Comments:
PM w/ main. Jose G.

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: N/A.

Battery volt Crank 1: 27 Battery volt Crank 2: 27.	Battery Condition: Good.
Starting hour meter: 138.0 HRS.	Start time: 0700
Oil pressure start: 60psi	Oil Pressure finish:

Pump Suction Pressure: 20psi. Pump Discharge pressure: 150psi.

Coolant temperature after 30 minutes running: N/A

Stop time: 0703 Stop hour meter: 138 HRS. Total run time: 3mins. 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).

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 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 6/27/25 Operator: Diego R

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	O/C	✓	Y☐ N☑	
2	SG Unit 2	B1-2	160	O/C	✓	Y☐ N☐	
3	Reheaters	B1-3	160	O/C	✓	Y☐ N☐	
4	Rack 2 West HTF	B1-4	170	O/C	✓	Y☐ N☐	
5	Rack 2 East HTF	B1-5	170	O/C	✓	Y☐ N☑	
6	North Steel Pre	B1-6	160	O/C	✓	Y☐ N☐	
7	HTF Pumps	B1-7	160	O/C	✓	Y☐ N☐	
8	HTF Heaters	B1-8	155	O/C	✓	Y☐ N☐	
9	South Steel Pre	B1-9	155	O/C	✓	Y☐ N☐	
10	Lube Oil	B1-10	155	O/C	✓	Y☐ N☐	
11	Turbine Hose Stations	B1-11	155	O/C	✓	Y☐ N☐	
12	Turbine Bearings	B1-12	155	O/C	✓	Y☐ N☐	

Valve Shed # 2 by Overflow

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

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	O/C	✓	Y☐ N☐	
2	Transformer Main	155	O/C	✓	Y☐ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	165	O/C	✓	Y☐ N☐	
2	Offices	B4-3	160	O/C	✓	Y☐ N☐	
3	Electrical Room	B4-4	160	O/C	✓	Y☐ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☐ N☐	O/C	
2	Bearing 3	Y☐ N☐	O/C	
3	Bearing 4	Y☐ N☐	O/C	
4	Bearing 5	Y☐ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	O/C	
2	MP-200A	Y☐ N☐	O/C	
3	MP-200B	Y☐ N☐	O/C	
4	MP-200C	Y☐ N☐	O/C	
5	MP-200D	Y☐ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	180	O	Y☑ 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		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	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☐ N☑	✓	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

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	B1-1	160	O/C	✓	Y☑ N☐	
2	SG Unit 2	B1-2	155	O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	150	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	155	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	155	O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	155	O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	150	O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	150	O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	160	O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	150	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	155	O/C	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	160	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	155	O/C	✓	Y☑ N☐	
2	Ullage Area	B2-2	160	O/C	✓	Y☑ N☐	
3	Ullage Structure	B2-3	160	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	B2-5	165	O/C	✓	Y☑ N☐	
5	Overflow Tanks	B2-6	160	O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-6	160	O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	165	O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-8	160	O/C	✓	Y☑ N☐	
9	Over flow AFFF	B2-9	160	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	B2-10	160	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	✓	Y☑ N☐	
2	Transformer Main	165	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	O/C	pump	Y☐ N☑	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-1	155	O/C	✓	Y☑ N☐	
2	Offices	B4-3	154	O/C	✓	Y☑ N☐	
3	Electrical Room	B4-4	155	O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			Out of Commission
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☐ N☐		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 7/12/25 Operator _____

Valve Shed # 1 by Condenser

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

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	160	O/C	Good	Y☑ N☐	
2	Ullage Area B2-2	160	O/C	Good	Y☑ N☐	
3	Ullage Structure B2-11	160	O/C	Good	Y☑ N☐	
4	Rack 1 Middle Area B2-5	160	O/C	Good	Y☑ N☐	
5	Overflow Tanks B2-9	160	O/C	Good	Y☑ N☐	
6	Rack 1 South Area B2-6	160	O/C	Good	Y☑ N☐	
7	Rack 1 West B2-7	160	O/C	Good	Y☑ N☐	
8	Rack 1 North Area B2-4	160	O/C	Good	Y☑ N☐	
9	Overflow AFFF B2-8	160	O/C	Good	Y☑ N☐	
10	Expansion Vessel AFFF B2-3	160	O/C	Good	Y☑ N☐	

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☑ N☐	
2	Transformer Main	160	O/C	Good	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	165	O/C	Good	Y☐ N☑	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	O/C	Good	Y☑ N☐	
2	Offices B4-2	160	O/C	Good	Y☑ N☐	
3	Electrical Room B4-4	160	O/C	Good	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	175	open	Y☑ N☐	

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 # 2	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	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 7/18/25 Operator Antonio

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	[illegible]	✓O/C	✓	Y☑ N☐	
2	SG Unit 2	[illegible]	✓O/C	✓	Y☑ N☐	
3	Reheaters	[illegible]	✓O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	[illegible]	✓O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	[illegible]	✓O/C	✓	Y☑ N☐	
6	North Steel Pro	[illegible]	✓O/C	✓	Y☑ N☐	
7	HTF Pumps	[illegible]	✓O/C	✓	Y☑ N☐	
8	HTF Heaters	[illegible]	✓O/C	✓	Y☑ N☐	
9	South Steel Pro	[illegible]	✓O/C	✓	Y☑ N☐	
10	Lube Oil	[illegible]	✓O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	[illegible]	✓O/C	✓	Y☑ N☐	
12	Turbine Bearings	[illegible]	✓O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	[illegible]	✓O/C	✓	Y☑ N☐	
2	Ullage Area	[illegible]	✓O/C	✓	Y☑ N☐	
3	Ullage Structure	[illegible]	✓O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	[illegible]	✓O/C	✓	Y☑ N☐	
5	Overflow Tanks	[illegible]	✓O/C	✓	Y☑ N☐	
6	Rack 1 South Area	[illegible]	✓O/C	✓	Y☑ N☐	
7	Rack 1 West	[illegible]	✓O/C	✓	Y☑ N☐	
8	Rack 1 North Area	[illegible]	✓O/C	✓	Y☑ N☐	
9	Over flow AFFF	[illegible]	✓O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	[illegible]	✓O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	[illegible]	✓O/C	✓	Y☑ N☐	
2	Transformer Main	[illegible]	✓O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	—	O/C ✓	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	[illegible]	✓O/C	✓	Y☑ N☐	
2	Offices	[illegible]	✓O/C	✓	Y☑ N☐	
3	Electrical Room	[illegible]	✓O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	✓O/C	
2	MP-200A	Y☑ N☐	✓O/C	
3	MP-200B	Y☑ N☐	✓O/C	
4	MP 200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☑ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	[illegible]	✓	Y☐ 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	Y☐ N☑		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 7-20-25
Operator: Caleb Sowards	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 165

Pump Suction Pressure: 10LBS Pump Discharge pressure: 165

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 0005

Pump Suction Pressure: 10LBS Pump Discharge pressure: 163

Stop time: 0015 Total time running 10min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26 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 1st 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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 7/25/25
Operator: Antonio	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: N/A

Pump Suction Pressure: ~~5~~ N/A Pump Discharge pressure: ~~147~~ N/A

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ Monthly Fuel Consumption:

Battery volt Crank 1: Battery volt Crank 2:	Battery Condition: ✓
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" (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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 7/27/25 Operator: Mike

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	160	O/C	Good	Y☑ N☐	
2	SG Unit 2	160	O/C	Good	Y☑ N☐	
3	Reheaters	160	O/C	Good	Y☑ N☐	
4	Rack 2 West HTF	160	O/C	Good	Y☑ N☐	
5	Rack 2 East HTF	160	O/C	Good	Y☑ N☐	
6	North Steel Pro	160	O/C	Good	Y☑ N☐	
7	HTF Pumps	160	O/C	Good	Y☑ N☐	
8	HTF Heaters	160	O/C	Good	Y☑ N☐	
9	South Steel Pro	160	O/C	Good	Y☑ N☐	
10	Lube Oil	160	O/C	Good	Y☑ N☐	
11	Turbine Hose Stations	160	O/C	Good	Y☑ N☐	
12	Turbine Bearings	160	O/C	Good	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	160	O/C	Good	Y☑ N☐	
2	Ullage Area	160	O/C	Good	Y☑ N☐	
3	Ullage Structure	160	O/C	Good	Y☑ N☐	
4	Rack 1 Middle Area	160	O/C	Good	Y☑ N☐	
5	Overflow Tanks	160	O/C	Good	Y☑ N☐	
6	Rack 1 South Area	160	O/C	Good	Y☑ N☐	
7	Rack 1 West	160	O/C	Good	Y☑ N☐	
8	Rack 1 North Area	160	O/C	Good	Y☑ N☐	
9	Over flow AFFF	160	O/C	Good	Y☑ N☐	
10	Expansion Vessel AFFF	165	O/C	Good	Y☑ N☐	

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☑ N☐	
2	Transformer Main	160	O/C	Good	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
-	Cooling Tower West Side	0 psi	O/C	Good	Y☐ N☑	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	160	O/C	Good	Y☑ N☐	
2	Offices	160	O/C	Good	Y☑ N☐	
3	Electrical Room	160	O/C	Good	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP 201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP 200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge			Y☐ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			Out of Commission
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			No outside PIV sign
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 # E	O/C			
12	Between MP-444's and Water Treat # 4	O/C			Out of Commission
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☐ N☐		

FO-O&M-M.V-104

Atlantica
Sustainable Infrastructure

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 ☑ N ☐
2	SG Unit 2	B1-2	165	O/C	✓	Y ☑ N ☐
3	Reheaters	B1-3	160	O/C	✓	Y ☑ N ☐
4	Rack 2 West HTF	B1-4	165	O/C	✓	Y ☑ N ☐
5	Rack 2 East HTF	B1-5	160	O/C	✓	Y ☑ N ☐
6	North Steel Pro	B1-6	160	O/C	✓	Y ☑ N ☐
7	HTF Pumps	B1-7	160	O/C	✓	Y ☑ N ☐
8	HTF Heaters	B1-8	160	O/C	✓	Y ☑ N ☐
9	South Steel Pro	B1-9	160	O/C	✓	Y ☑ N ☐
10	Lube Oil	B1-10	160	O/C	✓	Y ☑ N ☐
11	Turbine Hose Stations	B1-11	160	O/C	✓	Y ☑ N ☐
12	Turbine Bearings	B1-12	160	O/C	✓	Y ☑ N ☐

Valve Shed # 2 by Overflow

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

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	O/C	✓	Y ☑ N ☐	
2	Transformer Main	160	O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	165	O/C	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	165	O/C	✓	Y ☑ N ☐
2	Offices	B4-3	165	O/C	✓	Y ☑ N ☐
3	Electrical Room	B4-4	160	O/C	✓	Y ☑ N ☐

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	O/C	
2	Bearing 3	Y ☑ N ☐	O/C	
3	Bearing 4	Y ☑ N ☐	O/C	
4	Bearing 5	Y ☑ N ☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y ☑ N ☐	O/C	
2	MP-200A	Y ☑ N ☐	O/C	
3	MP-200B	Y ☑ N ☐	O/C	
4	MP-200C	Y ☑ N ☐	O/C	
5	MP-200D	Y ☑ N ☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	220	open	Y ☑ 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-5 # 9	O/C			
4	West Side Power Block by VS-5 # 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 ☐ N ☐		

Atlantica
Sustainable Infrastructure

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	B1-1	160	✓O/C	✓	Y☑ N☐	
2	SG Unit 2	B1-2	160	✓O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	160	✓O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	165	✓O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	160	✓O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	160	✓O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	160	✓O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	160	✓O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	160	✓O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	155	✓O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	155	✓O/C	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	165	✓O/C	✓	Y☑ N☐	
2	Ullage Area	B2-2	165	✓O/C	✓	Y☑ N☐	
3	Ullage Structure	B2-11	160	✓O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	B2-5	170	✓O/C	✓	Y☑ N☐	
5	Overflow Tanks	B2-9	160	✓O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-6	160	✓O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	160	✓O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-4	160	✓O/C	✓	Y☑ N☐	
9	Over flow AFFF	B2-8	165	✓O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	B2-3	165	✓O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓O/C	✓	Y☑ N☐	
2	Transformer Main	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	✓O/C	✓	Y☑ N☐	
2	Offices	B4-3	165	✓O/C	✓	Y☑ N☐	
3	Electrical Room	B4-4	165	✓O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	✓O/C	
2	MP-200A	Y☑ N☐	✓O/C	
3	MP-200B	Y☑ N☐	✓O/C	
4	MP-200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☑ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	210	Open	Y☑ 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	Y☐ N☐		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 7/20/25
Operator: Jose Garcia	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☑ Emergency ☑	

Jockey Electric Pump

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

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
Start the pump on pressure drop. Start up pressure: 145 psi	
Start time: 0207	
Pump Suction Pressure: 15psi	Pump Discharge pressure: 150 psi
Stop time: 0217	Total time running 10 min
Comments:	

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑	
Fuel level > 2/3: Yes ☐ No ☑	Monthly Fuel Consumption: N/A
Battery volt Crank 1: 24 Battery volt Crank 2: 24	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: 185 psi
Coolant temperature after 30 minutes running: 7min = 196	
Stop time: 0225 Stop hour meter: 138.0 Total run time: 7min 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 15 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)].

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

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☑ N☐	
2	SG Unit 2 B1-2	165	✓O/C	✓	Y☑ N☐	
3	Reheaters B1-3	160	✓O/C	✓	Y☑ N☐	
4	Rack 2 West HTF B1-4	165	✓O/C	✓	Y☑ N☐	
5	Rack 2 East HTF B1-5	160	✓O/C	✓	Y☐ N☑	
6	North Steel Fm B1-6	160	✓O/C	✓	Y☑ N☐	
7	HTF Pumps B1-7	160	✓O/C	✓	Y☑ N☐	
8	HTF Heaters B1-8	155	✓O/C	✓	Y☑ N☐	
9	South Steel Pro B1-9	160	✓O/C	✓	Y☑ N☐	
10	Lube Oil B1-10	155	O/C	✓	Y☐ N☐	
11	Turbine Hose Stations B1-11	—	O/C ✓	✓	Y☐ N☑	
12	Turbine Bearings B1-12	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	170	✓O/C	✓	Y☑ N☐	
2	Jllage Area B2-2	170	✓O/C	✓	Y☑ N☐	
3	Ullage Structure B2-11	165	✓O/C	✓	Y☑ N☐	
4	Rack : Middle Area B2-5	160	✓O/C	✓	Y☑ N☐	
5	Overflow Tanks B2-9	160	✓O/C	✓	Y☑ N☐	
6	Rack 1 South Area B2-6	165	✓O/C	✓	Y☑ N☐	
7	Rack 1 West B2-7	160	✓O/C	✓	Y☑ N☐	
8	Rack 1 North Area B2-4	160	✓O/C	✓	Y☑ N☐	
9	Over flow AFFF B2-8	165	✓O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF B2-3	165	✓O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓O/C	✓	Y☑ N☐	
2	Transformer Main	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	165	O/C	✓	Y☑ N☐	
2	Offices B4-3	160	O/C	✓	Y☑ N☐	
3	Electrical Room B4-4	165	✓O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	✓O/C	
2	MP-200A	Y☑ N☐	✓O/C	
3	MP-200B	Y☑ N☐	✓O/C	
4	MP-200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☑ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	215	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7 Gated	✓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 13	✓O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 7/25/25 Operator: [illegible]

Valve Shed # 1 by Condenser

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	190	✓ O/C		Y ☐ N ☐	
2	SG Unit 2	B1-2	160	✓ O/C		Y ☐ N ☐	
3	Repeaters	B1-3	190	✓ O/C		Y ☐ N ☐	
4	Rack 2 West HTF	B1-4	190	✓ O/C		Y ☐ N ☐	
5	Rack 2 East HTF	B1-5	190	✓ O/C		Y ☐ N ☐	
6	North Steel Pro	B1-6	160	✓ O/C		Y ☐ N ☐	
7	HTF Pumps	B1-7	160	✓ O/C		Y ☐ N ☐	
8	HTF Heaters	B1-8	180	✓ O/C		Y ☐ N ☐	
9	South Steel Pro	B1-9	190	✓ O/C		Y ☐ N ☐	
10	Lube Oil	B1-10	110	✓ O/C		Y ☐ N ☐	
11	Turbine Hose Stations	B1-11	0	O/C ✓		Y ☐ N ☐	Valve Out
12	Turbine Bearings	B1-12	160	✓ O/C		Y ☐ N ☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	220	✓ O/C	✓	Y ☑ N ☐	
2	Ullage Area	B2-2	230	✓ O/C	✓	Y ☑ N ☐	
3	Ullage Structure	B2-11	170	✓ O/C	✓	Y ☑ N ☐	
4	Rack 1 Middle Area	B2-5	160	✓ O/C	✓	Y ☑ N ☐	
5	Overflow Tanks	B2-9	220	✓ O/C	✓	Y ☑ N ☐	
6	Rack 1 South Area	B2-6	170	✓ O/C	✓	Y ☑ N ☐	
7	Rack 1 West	B2-7	180	✓ O/C	✓	Y ☑ N ☐	
8	Rack 1 North Area	B2-4	170	✓ O/C	✓	Y ☑ N ☐	
9	Over flow AFFF	B2-8	165	✓ O/C	✓	Y ☑ N ☐	
10	Expansion Vessel AFFF	B2-3	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓ O/C	✓	Y ☑ N ☐	
2	Transformer Main	160	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	165	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	✓ O/C	✓	Y ☑ N ☐	
2	Offices	B4-3	160	✓ O/C	✓	Y ☑ N ☐	
3	Electrical Room	B4-4	160	✓ O/C	✓	Y ☑ N ☐	

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

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	✓ O/C	
2	Bearing 3	Y ☑ N ☐	✓ O/C	
3	Bearing 4	Y ☑ N ☐	✓ O/C	
4	Bearing 5	Y ☑ N ☐	✓ O/C	

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

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y ☐ N ☑	✓ O/C	
2	MP-200A	Y ☑ N ☐	✓ O/C	
3	MP-200B	Y ☑ N ☐	✓ O/C	
4	MP-200C	Y ☑ N ☐	✓ O/C	
5	MP-200D	Y ☑ N ☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	230	✓	Y ☑ 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	Y ☐ N ☑	

FO-OAM-MJV-104

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Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	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 ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ 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 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" (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(b)(4)

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 8/15/25
Operator: Tayler Scalia	**To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 150 PSI

Pump Suction Pressure: N/A Pump Discharge pressure: 165 PSI

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145 PSI

Start time: 2200

Pump Suction Pressure: 15 PSI Pump Discharge pressure: 150 PSI

Stop time: 2210 Total time running 10 mins

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: N/A

Battery volt Crank 1: 27 Battery volt Crank 2: 27	Battery Condition: ✓
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 dont feel comfortable

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

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water-Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual 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)(3)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 8/10/25
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 ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 150 psi

Pump Suction Pressure: N/A. Pump Discharge pressure: 165 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145 psi.

Start time: 0421

Pump Suction Pressure: 15 psi. Pump Discharge pressure: 150 psi

Stop time: 0431. Total time running 10 mins.

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption: N/A.

Battery volt Crank 1: 27 Battery volt Crank 2: 27.	Battery Condition: ✓
Starting hour meter: 138.0 HRS.	Start time: 0432
Oil pressure start: 59	Oil Pressure finish: 50.

Pump Suction Pressure: 18 psi. Pump Discharge pressure: 150 psi

Coolant temperature after 30 minutes running: N/A.

Stop time: 0435 Stop hour meter: 138. Total run time: 3 mins January 1st hour meter: 113.2 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 50 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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 8/2/25
Operator: Erick C.	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☐ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 163

Pump Suction Pressure: n/a Pump Discharge pressure: 163

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ Monthly Fuel Consumption:

Battery volt Crank 1: 27.0 Battery volt Crank 2: 26.9	Battery Condition: ✓
Starting hour meter: 138.0	Start time: 20:26
Oil pressure start: 49	Oil Pressure finish:
Pump Suction Pressure: 22	Pump Discharge pressure: 150
Coolant temperature after 30 minutes running: 159	
Stop time: 20:31 Stop hour meter: 138.0 Total run time: 5min	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 100 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. [17 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 8/31/25
Operator: Anthony	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 162

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 2217

Pump Suction Pressure: 15 Pump Discharge pressure: 150

Stop time: 2222 Total time running 5 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ Monthly Fuel Consumption:

Battery volt Crank 1: 26 Battery volt Crank 2: 25	Battery Condition: Good
Starting hour meter: 138.1	Start time: 2225
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: 2234 Stop hour meter: 138.2 Total run time: 9 min January 1st 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).

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)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☒ Beta ☐	Date: 8/2/25
Operator:	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☒ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Check the jockey pump on pressure drop. Start up pressure: 155 .

Discharge Pressure: 163

Pump Suction Pressure: N/A Pump Discharge pressure: 163

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

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: Coolant ☒ Oil ☒ Mechanical ☒ Valves ☒ Water Jacket Heater ☒

Fuel level > 2/3: Yes ☒ No ☐ Monthly Fuel Consumption:

Battery volt Crank 1: 27.3 Battery volt Crank 2: 27.3	Battery Condition: ✓
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 1st hour meter: Total YTD hours:

Comments: 1762 RPM

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

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual 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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 8/2/25 Operator: Joselarcia

Valve Shed # 1 by Condenser

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

Valve Shed # 2 by Overflow

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

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓ O/C	✓	Y☑ N☐	
2	Transformer Main	160	✓ O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	0	O/C	✓	Y☑ N☐	Valve out

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	✓ O/C	✓	Y☑ N☐	
2	Offices B4-3	160	✓ O/C	✓	Y☑ N☐	
3	Electrical Room B4-4	160	✓ O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓ O/C	
2	Bearing 3	Y☑ N☐	✓ O/C	
3	Bearing 4	Y☑ N☐	✓ O/C	
4	Bearing 5	Y☑ N☐	✓ O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	✓ O/C	
2	MP-200A	Y☑ N☐	✓ O/C	
3	MP-200B	Y☑ N☐	✓ O/C	
4	MP-200C	Y☑ N☐	✓ O/C	
5	MP-200D	Y☑ N☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	185	✓	Y☑ N☐	

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☐ N☑		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 9/8/25 Operator: Josh

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	0	✓O/C	✓	Y☑ N☐	
2	SG Unit 2	B1-2	190	✓O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	180	✓O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	160	✓O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	165	✓O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	180	✓O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	190	✓O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	190	✓O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	165	✓O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	0	O/C✓	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	0	O/C✓	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	0	✓O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

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

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	180	✓O/C	✓	Y☑ N☐	
2	Transformer Main	190	✓O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	0	O/C✓	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	190	✓O/C	✓	Y☑ N☐	
2	Offices	B4-7	190	✓O/C	✓	Y☑ N☐	
3	Electrical Room	B4-4	190	✓O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☑ N☐	✓O/C	
2	MP-200A	Y☑ N☐	✓O/C	
3	MP-200B	Y☑ N☐	✓O/C	
4	MP-200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☑ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	200	✓	Y☑ N☐	

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	West 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-2 # 11	O/C✓			
6	West side Cooling Tower by VS-4 # 12	✓O/C			
7	N.W. Corner Chemical Storage #1	✓O/C			
8	N.E. Corner Chemical Storage # 2	✓O/C			
9	East Side W.T. by Multimedia Filters # 3	✓O/C			
10	East Side W.T. by Multimedia Filters # 5	✓O/C			
11	North Side Bldg 10 # 6	✓O/C			
12	Between MP-44's and Water Treat # 4	O/C✓			
13	West Side Power Block Valve Shed #7	O/C			Only at Belt

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 8/10/25
Operator: Jose Iparreno	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

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

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
Start the pump on pressure drop. Start up pressure: 145psi	
Start time: 2032	
Pump Suction Pressure: 15psi	Pump Discharge pressure: 150psi
Stop time: 2042	Total time running 10min
Comments:	

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑	
Fuel level > 2/3: Yes ☐ No ☑	Monthly Fuel Consumption: N/A
Battery volt Crank 1: 24 Battery volt Crank 2: 24	Battery Condition: ✓
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: 10min = 186	
Stop time: 2050 Stop hour meter: 133.3 Total run time: 10min 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" (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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

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	B1-1	O/C	Good	Y☑ N☐	Locks placed
2	SG Unit 2	B1-2	O/C	Good	Y☐ N☑	
3	Reheaters	B1-3	O/C	Good	Y☐ N☑	
4	Rack 2 West HTF	B1-4	O/C	Good	Y☐ N☑	
5	Rack 2 East HTF	B1-5	O/C	Good	Y☐ N☑	
6	North Steel Pro	B1-6	O/C	Good	Y☐ N☑	
7	HTF Pumps	B1-7	O/C	Good	Y☐ N☑	
8	HTF Heaters	B1-8	O/C	Good	Y☐ N☑	
9	South Steel Pro	B1-9	O/C	Good	Y☐ N☑	
10	Lube Oil	B1-10	O/C	Good	Y☐ N☑	
11	Turbine Hose Stations	B1-11	O/C	Good	Y☐ N☑	
12	Turbine Bearings	B1-12	O/C	Good	Y☐ N☑	

Valve Shed # 2 by Overflow

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	O/C	OK	Y☑ N☐	
2	Ullage Area	B2-2	O/C	OK	Y☑ N☐	
3	Ullage Structure	B2-3	O/C	OK	Y☑ N☐	
4	Rack 1 Middle Area	B2-5	O/C	OK	Y☑ N☐	
5	Overflow Tanks	B2-9	O/C	OK	Y☑ N☐	
6	Rack 1 South Area	B2-6	O/C	OK	Y☑ N☐	
7	Rack 1 West	B2-7	O/C	OK	Y☑ N☐	
8	Rack 1 North Area	B2-4	O/C	OK	Y☑ N☐	
9	Over flow AFFF	B2-8	O/C	OK	Y☑ N☐	
10	Expansion Vessel AFFF	B2-3	O/C	OK	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	B3-1	O/C	Good	Y☑ N☐	
2	Transformer Main	B3-2	O/C	Good	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	B4-1	O/C		Y☐ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	O/C		Y☐ N☐	
2	Offices	B4-3	O/C		Y☐ N☐	
3	Electrical Room	B4-4	O/C		Y☐ N☐	

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

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Vlv. Pos.	Comments
1	V-P 201	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP 200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge			Y☐ 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 MP-444's and Water Treat # 4	O/C	X		
13	West Side Power Block Valve Shed #1	O/C	X		

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 8/19/25
Operator: Jose Hernandez	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 165 psi

Pump Suction Pressure: Pump Discharge pressure: 165 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 144 psi

Start time: 2332

Pump Suction Pressure: 15psi Pump Discharge pressure: 150 psi

Stop time: 2342 Total time running 10min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☐ Monthly Fuel Consumption: N/A

Battery volt Crank 1: 24 Battery volt Crank 2: 24	Battery Condition: good
Starting hour meter: 133.3	Start time: 2345
Oil pressure start: 57psi	Oil Pressure finish: 46 psi
Pump Suction Pressure: 15psi	Pump Discharge pressure: 150 psi

Coolant temperature after 30 minutes running: 5min = 175F

Stop time: 2350 Stop hour meter: 133.3 Total run time: 5min 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" (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)(3))

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 8/23/25 Operator Mike

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	0	O/C	Good	Y☐ N☑	
2	SG Unit 2 B1-2	175	O/C	Good	Y☐ N☑	
3	Reheaters B1-3	140	O/C	Good	Y☐ N☑	
4	Rack 2 West HTF B1-4	155	O/C	Good	Y☐ N☑	
5	Rack 2 East HTF B1-5	165	O/C	Good	Y☐ N☑	
6	North Steel Pro B1-6	175	O/C	Good	Y☐ N☑	
7	HTF Pumps B1-7	0	O/C	Good	Y☐ N☑	
8	HTF Heaters B1-8	170	O/C	Good	Y☐ N☑	
9	South Steel Pro B1-9	160	O/C	Good	Y☐ N☑	
10	Lube Oil B1-10	0	O/C	Good	Y☐ N☑	
11	Turbine Hose Stations B1-11	0	O/C	Good	Y☐ N☑	
12	Turbine Bearings B1-12	0	O/C	Good	Y☐ N☑	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	O/C	OK	Y☑ N☐	
2	Ullage Area B2-2	160	O/C	OK	Y☑ N☐	
3	Ullage Structure B2-3	160	O/C	OK	Y☑ N☐	
4	Rack 1 Middle Area B2-5	160	O/C	OK	Y☑ N☐	
5	Overflow Tanks B2-9	160	O/C	OK	Y☑ N☐	
6	Rack 1 South Area B2-6	160	O/C	OK	Y☑ N☐	
7	Rack 1 West B2-7	165	O/C	OK	Y☑ N☐	
8	Rack 1 North Area B2-8	160	O/C	OK	Y☑ N☐	
9	Over flow AFFF B2-8	160	O/C	OK	Y☑ N☐	
10	Expansion Vessel AFFF B2-1	160	O/C	OK	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	135	O/C	Good	Y☑ N☐	
2	Transformer Main	135	O/C	Good	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	155	O/C		Y☐ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	175	O/C	Good	Y☑ N☐	
2	Offices B4-3	175	O/C	Good	Y☑ N☐	
3	Electrical Room B4-4	175	O/C	Good	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-200	Y☑ N☐	O/C	
2	MP-200A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge			Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	X		out of service
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 MP-444's and Water Treat # 4	O/C	X		
13	West Side Power Block Valve Shed #1	O/C	X		

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 8/23/25
Operator: michael	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.
Reason for running pumps: Weekly test ☐ Maintenance ✓ Emergency ☐	

Jockey Electric Pump

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

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑
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 ☑ Oil ✓ Mechanical ☑ Valves ☑ Water Jacket Heater ☐	
Fuel level > 2/3: Yes ☐ No ☐ 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 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, 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) 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)

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 8/29/25 Operator Mike

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	175	O/O	OK	Y☐ N☐	
2	SG Unit 2	B1-2	150	O/O	OK	Y☐ N☐	
3	Reheaters	B1-3	160	O/O	OK	Y☐ N☐	
4	Rack 2 West HTF	B1-4	160	O/C	OK	Y☐ N☐	
5	Rack 2 East HTF	B1-5	175	O/O	OK	Y☐ N☐	
6	North Steel Pro	B1-6	0	O/O	OK	Y☐ N☐	
7	HTF Pumps	B1-7	170	O/O	OK	Y☐ N☐	
8	HTF Heaters	B1-8	160	O/O	OK	Y☐ N☐	
9	South Steel Pro	B1-9	0	O/O	OK	Y☐ N☐	
10	Lube Oil	B1-10	0	O/O	OK	Y☐ N☐	
11	Turbine Hose Stations	B1-11	0	O/O	OK	Y☐ N☐	
12	Turbine Bearings	B1-12	0	O/O	OK	Y☐ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessel	B2-1	165	O/C	OK	Y☐ N☐	
2	Lillage Area	B2-2	160	O/C	OK	Y☐ N☐	
3	Lillage Structure	B2-3	165	O/C	OK	Y☐ N☐	
4	Rack 1 Middle Area	B2-5	160	O/C	OK	Y☐ N☐	
5	Overflow Tanks	B2-11	160	O/C	OK	Y☐ N☐	
6	Rack 1 South Area	B2-6	160	O/C	OK	Y☐ N☐	
7	Rack 1 West	B2-7	165	O/C	OK	Y☐ N☐	
8	Rack 1 North Area	B2-4	160	O/C	OK	Y☐ N☐	
9	Over flow AFFF	B2-8	163	O/C	OK	Y☐ N☐	
10	Expansion Vessel AFFF	B2-9	160	O/C	OK	Y☐ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	O/C		Y☐ N☐	
2	Transformer Main	165	O/C		Y☐ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
-	Cooling Tower West Side		O/C		Y☐ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-1	175	O/C	OK	Y☐ N☐	
2	Offices	B4-3	175	O/C	OK	Y☐ N☐	
3	Electrical Room	B4-2	175	O/C	OK	Y☐ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☐ N☐	O/C	
2	Bearing 3	Y☐ N☐	O/C	
3	Bearing 4	Y☐ N☐	O/C	
4	Bearing 5	Y☐ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-20C1	Y☐ N☐	O/C	
2	MP-20DA	Y☐ N☐	O/C	
3	MP-20DB	Y☐ N☐	O/C	
4	MP-20DC	Y☐ N☐	O/C	
5	MP-20CD	Y☐ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge			Y☐ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shed Drive Way #7	O/C			
2	Maintenance Shed 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☐ N☐		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 8/31/25
Operator: Marcelino S.	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.

Reason for running pumps: Weekly test ✓ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ✓ Valves ☐

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure:

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ✓

Start the pump on pressure drop. Start up pressure: 145

Start time: 2056

Pump Suction Pressure: 70 Pump Discharge pressure: 150

Stop time: 2106 Total time running 10min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ✓ Mechanical ☑ Valves ☑ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☐ No ☐ 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: 2210
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: 2215 Stop hour meter: 133 Total run time: 5min 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" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption is 7 gal/hr approximately.

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

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 9/12/25
Operator: mike	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
Check the jockey pump on pressure drop. Start up pressure: 155psi	
Discharge Pressure: 91 PSI	
Pump Suction Pressure: N/A	Pump Discharge pressure: N/A
Comments:	

Electric Pump

Pre-start inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
Start the pump on pressure drop. Start up pressure: 145	
Start time: 2313	
Pump Suction Pressure: 5psi	Pump Discharge pressure: 60psi
Stop time: 2315	Total time running: 1 min
Comments:	

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑	
Fuel level > 2/3: Yes ☐ No ☐	Monthly Fuel Consumption: N/A
Battery volt Crank 1: 27 Battery volt Crank 2: 27	Battery Condition: Good
Starting hour meter: 133.5	Start time: 2317
Oil pressure start: 57 psi	Oil Pressure finish: 7
Pump Suction Pressure: 5 psi	Pump Discharge pressure: 70psi
Coolant temperature after 30 minutes running: 231	
Stop time: 2322 Stop hour meter: 133.5 Total run time: 5	January 1st hour meter: Total YTD 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 direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 30 hours per year for initial start up testing and commissioning demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/hr approximately.

There is no limit on engine operation for emergency use. (Title 17 CCR 93115.3(e)(4))

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 9/12/25 Operator: Edwin

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	✓ O/C	✓	Y ☒ N ☐	
2	SG Unit 2	B1-2	160	✓ O/C	✓	Y ☒ N ☐	
3	Reheaters	B1-3	160	✓ O/C	✓	Y ☒ N ☐	
4	Rack 2 West HTF	B1-4	160	✓ O/C	✓	Y ☒ N ☐	
5	Rack 2 East HTF	B1-5	160	✓ O/C	✓	Y ☒ N ☐	
6	North Steel Pro	B1-6	160	✓ O/C	✓	Y ☒ N ☐	
7	HTF Pumps	B1-7	160	✓ O/C	✓	Y ☒ N ☐	
8	HTF Heaters	B1-8	160	✓ O/C	✓	Y ☒ N ☐	
9	South Steel Pro	B1-9	160	✓ O/C	✓	Y ☒ N ☐	
10	Lube Oil	B1-10	0	O/C ✗	✓	Y ☐ N ☒	
11	Turbine Hose Stations	B1-11	160	✓ O/C	✓	Y ☒ N ☐	
12	Turbine Bearings	B1-12	160	✓ O/C	✓	Y ☒ N ☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	160	✓ O/C	✓	Y ☒ N ☐	
2	Ullage Area	B2-2	160	✓ O/C	✓	Y ☒ N ☐	
3	Ullage Structure	B2-3	160	✓ O/C	✓	Y ☒ N ☐	
4	Rack 1 Middle Area	B2-4	160	✓ O/C	✓	Y ☒ N ☐	
5	Overflow Tanks	B2-5	160	✓ O/C	✓	Y ☒ N ☐	
6	Rack 1 South Area	B2-6	160	✓ O/C	✓	Y ☒ N ☐	
7	Rack 1 West	B2-7	160	✓ O/C	✓	Y ☒ N ☐	
8	Rack 1 North Area	B2-8	160	✓ O/C	✓	Y ☒ N ☐	
9	Overflow AFFF	B2-8	160	✓ O/C	✓	Y ☒ N ☐	
10	Expansion Vessel AFFF	B2-9	160	✓ O/C	✓	Y ☒ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	O/C	✓	Y ☒ N ☐	
2	Transformer Main	160	✓ O/C	✓	Y ☒ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	0	O/C ✗	✓	☒ N ☐	Late

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	165	✓ O/C	✓	Y ☒ N ☐	
2	Offices	B1-3	160	✓ O/C	✓	Y ☒ N ☐	
3	Electrical Room	B4-4	160	✓ O/C	✓	Y ☒ N ☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☒ N ☐	✓ O/C	
2	Bearing 3	Y ☒ N ☐	✓ O/C	
3	Bearing 4	Y ☒ N ☐	✓ O/C	
4	Bearing 5	Y ☒ N ☐	✓ O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y ☒ N ☐	✓ O/C	
2	MP-200A	Y ☒ N ☐	✓ O/C	
3	MP-200B	Y ☒ N ☐	✓ O/C	
4	MP-200C	Y ☒ N ☐	✓ O/C	
5	MP-200D	Y ☒ N ☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	195	✓	Y ☒ 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 ✗	✓	✓	late
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			NA

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y ☐ None		

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☒ Beta ☐ | Date: 9/19/25

Operator: Diego. Rodriguez | To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.

Reason for running pumps: Weekly test / Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Check the jockey pump on pressure drop. Start up pressure: 155 psi.

Discharge Pressure: 162 psi.

Pump Suction Pressure: N/A. Pump Discharge pressure: 135 psi.

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Start the pump on pressure drop. Start up pressure: 145 psi

Start time: 2223

Pump Suction Pressure: 8psi Pump Discharge pressure: 60 psi.

Stop time: 2223 Total time running 30 sec.

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☒ Oil ☒ Mechanical ☒ Valves ☒ Water Jacket Heater ☒

Fuel level > 2/3: Yes ☐ No ☒ Monthly Fuel Consumption:

Battery volt Crank 1: 27 Battery volt Crank 2: 27. Battery Condition: ✓ Good.

Starting hour meter. 133.5 HRS. Start time: 2225

Oil pressure start: 59 psi Oil Pressure finish: 36. 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).

The new diesel drive fire pump shall be utilized for emergency fire suppression demand 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 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 Protection Systems" (current edition). The hours of operation for source testing will not be counted toward the number of the allowable annual limit shown 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))

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☒ BETA: ☐ Date: 9/19/25 Operator: Jacob

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	✓O/C	✓	Y☐ N☐	
2	SG Unit 2	B1-2	150	✓O/C	✓	Y☐ N☐	
3	Reheaters	B1-3	160	✓O/C	✓	Y☐ N☐	
4	Rack 2 West HTF	B1-4	160	✓O/C	✓	Y☐ N☐	
5	Rack 2 East HTF	B1-5	160	✓O/C	✓	Y☐ N☐	
6	North Steel Pro	B1-6	160	✓O/C	✓	Y☐ N☐	
7	HTF Pumps	B1-7	160	✓O/C	✓	Y☐ N☐	
8	HTF Heaters	B1-8	160	✓O/C	✓	Y☐ N☐	
9	South Steel Pro	B1-9	150	✓O/C	✓	Y☐ N☐	
10	Lube Oil	B1-10	0	O/C✓	✓	Y☐ N☐	
11	Turbine Hose Stations	B1-11	160	✓O/C	✓	Y☐ N☐	
12	Turbine Bearings	B1-12	160	✓O/C	✓	Y☐ N☐	

Valve Shed # 2 by Overflow

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

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓O/C	✓	Y☐ N☐	
2	Transformer Main	160	✓O/C	✓	Y☐ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓O/C	✓	Y☐ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	O/C		Y☐ N☐	
2	Offices	B4-3	O/C		Y☐ N☐	
3	Electrical Room	B4-4	O/C		Y☐ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☐ N☐	✓O/C	
2	Bearing 3	Y☐ N☐	✓O/C	
3	Bearing 4	Y☐ N☐	✓O/C	
4	Bearing 5	Y☐ N☐	✓O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☐	✓O/C	
2	MP-200A	Y☐ N☐	✓O/C	
3	MP-200B	Y☐ N☐	✓O/C	
4	MP-200C	Y☐ N☐	✓O/C	
5	MP-200D	Y☐ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	175	✓	Y☐ 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 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 MP-44's and Water Treat # 4	O/C✓			
13	West Side Power Block Valve Shed #7	O/C			Daily @ 8.00

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑		

Fire Pump Weekly Test Log

General Information

Plant: Alpha [x] Beta [ ]

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 ✓ Maintenance Emergency

Jockey Electric Pump

Pre-start Inspection: Electrical Feed [ ] Mechanical [ ] Valves [ ]

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 [x] Mechanical [x] Valves [x]

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 [x] Oil [x] Mechanical [x] Valves [x] Water Jacket Heater [x]

Fuel level > 2/3: Yes [ ] No [ ] Monthly Fuel Consumption:

Battery volt Crank 1: 27.3 Battery volt Crank 2: 27.3 Battery Condition:

Starting hour meter: ~~1324~~ 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: 1825 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 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 [illegible] hours per year for initial start-up testing and code 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 Protection Systems" (current edition). The hours of operation for such testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption [illegible] gal/h approximately.

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

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 9/28/24 Operator: Dominguez

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	160	✓ O/C	✓	Y☐ N☐	
2	SG Unit 2	B1-2	160	✓ O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	160	✓ O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	160	✓ O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	160	✓ O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	160	✓ O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	160	✓ O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	160	✓ O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	160	✓ O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	0	O/C ✓	✓	Y☐ N☑	on Stand by
11	Turbine Hose Stations	B1-11	160	✓ O/C	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	160	✓ O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	125	✓ O/C	✓	Y☑ N☐	
2	Illage Area	B2-2	160	✓ O/C	✓	Y☐ N☐	
3	Illage Structure	B2-11	160	✓ O/C	✓	Y☐ N☐	
4	Rack 1 Middle Area	B2-3	160	✓ O/C	✓	Y☑ N☐	
5	Overflow Tanks	B2-4	160	✓ O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-5	160	✓ O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	160	✓ O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-8	160	✓ O/C	✓	Y☑ N☐	
9	Over Flow AFFF	B2-8	160	✓ O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	B2-9	160	✓ O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer AUX	160	✓ O/C	✓	Y☑ N☐	
2	Transformer Main	160	✓ O/C	✓	Y☑ 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	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	✓ O/C	✓	Y☐ N☐	
2	Offices	B4-3	160	✓ O/C	✓	Y☑ N☐	
3	Electrical Room	B4-4	160	✓ O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓ O/C	
2	Bearing 3	Y☑ N☐	✓ O/C	
3	Bearing 4	Y☑ N☐	✓ O/C	
4	Bearing 5	Y☑ N☐	✓ O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	✓ O/C	
2	MP-200A	Y☑ N☐	✓ O/C	
3	MP-200B	Y☑ N☐	✓ O/C	
4	MP-200C	Y☑ N☐	✓ O/C	
5	MP-200D	Y☑ N☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	150	O	Y☑ 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			only @ Beta

To Be Cycled First Saturday of Every Month

No.	System	Debris		Comments / Actions
-	Transformer Yard Refuse Check	Y☐ N☑		

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☒

Date: 9/17/25

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 / Maintenance / Emergency

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 165 psi.

Pump Suction Pressure: 37 psi Pump Discharge pressure: 165 psi

Comments:
(Maint. PM.)

Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Start the pump on pressure drop. Start up pressure: 145 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 ☒ Oil ☒ Mechanical ☒ Valves ☒ Water Jacket Heater ☒

Fuel level > 2/3: Yes ☐ No ☒ Monthly Fuel Consumption: N/A.

Battery volt Crank 1: 27 Battery volt Crank 2: 27 Battery Condition: Good.

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 1st hour meter: N/A Total YTD hours: N/A

Comments: (MainT PM)
RAN w/ Cooling By PASS. / High Temp ALARM.

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

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire 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 source 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[illegible](A)

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Aloha ☐ Beta ☑ Date: 9/19/25

Operator: Diego Rodriguez

To be completed each time unit is operated.
The NFPA Form AES 5.1must be completed weekly.

Reason for running pumps: Weekly test ✓ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ✓ Valves ✓

Check the jockey pump on pressure drop. Start up pressure: 155PSI

Discharge Pressure: 81 psi

Pump Suction Pressure: N/A. Pump Discharge pressure: 162 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ✓ Valves ✓

Start the pump on pressure drop. Start up pressure: 145PSI

Start time: 2356.

Pump Suction Pressure: 8psi Pump Discharge pressure: 165 psi

Stop time: 2356. Total time running 30 secs.

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☐

Fuel evel > 2/3: Yes ☐ No ☑ 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: 46 psi

Pump Suction Pressure: 20psi 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: 3mins 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).

The new diesel drive fire pump engine shall be limited to use for emergency fire pump operation and other use 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 100 hours per year for full electrical 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) "Standard for the Inspection, Testing, and Maintenance of Water-based Fire Protection 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 at 37 gal/hr approximately.

There is no limit on engine operation for emergency use. Title 17 CCR 93115.6(b)(3)

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☒

Date: 9/12/25

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 ✓ Maintenance ___ Emergency ___

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Check the jockey pump on pressure drop. Start up pressure: 155psi

Discharge Pressure: 165psi

Pump Suction Pressure: N/A Pump Discharge pressure: 165psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Start the pump on pressure drop. Start up pressure: 145psi

Start time: 2344

Pump Suction Pressure: 8psi Pump Discharge pressure: 55psi

Stop time: 2345 Total time running: 1 mins.

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☒ Oil ☒ Mechanical ☒ Valves ☒ Water Jacket Heater ☒

Fuel level > 2/3: Yes ___ No ☒ Monthly Fuel Consumption: N/A.

Battery volt Crank 1: 27 Battery volt Crank 2: 27 Battery Condition: Good

Starting hour meter: 135.2 HRS. Start time: 2345

Oil pressure start: 59 psi Oil Pressure finish: 45 psi

Pump Suction Pressure: 20 psi. Pump Discharge pressure: 65 psi

Coolant temperature after 30 minutes running: 216

Stop time: 2348 Stop hour meter: 135.2 Total run time: 3 mins. January 1st hour meter: N/A Total YTD hours: N/A

Comments:
Air Cooling High Temp ALARM

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

This [illegible] fire pump engine shall be limited to use for emergency fire suppression [illegible] in response to a [illegible] 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. [illegible] The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption [illegible] gal [illegible]

The [illegible] emergency [illegible] (Title 17 CCR 93115 [illegible])

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐

Date: 10/4/25

Operator: Jesus

To be completed each time unit is operated.
The NFPA Form AES 5.1must be completed weekly.

Reason for running pumps: Weekly test ✓ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 162

Pump Suction Pressure: Pump Discharge pressure: 162

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ 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 1st 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 [illegible] fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than [illegible] 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 [illegible]. The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 47 gal/hr approximately.

There is no limit on engine operation for emergency use. [illegible]

Atlantica
Sustainable Infrastructure

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	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	A/B1-1	160	☑ O/C	☑	Y ☑ N ☐	
2	SG Unit 2	A/B1-2	160	☑ O/C	☑	Y ☑ N ☐	
3	Reheaters	A/B1-3	165	☑ O/C	☑	Y ☑ N ☐	
4	Rack 2 West HTF	A/B1-4	160	☑ O/C	☑	Y ☑ N ☐	
5	Rack 2 East HTF	A/B1-5	160	☑ O/C	☑	Y ☑ N ☐	
6	North Steel Pipe	A/B1-6	160	☑ O/C	☑	Y ☑ N ☐	
7	HTF Pumps	A/B1-7	160	☑ O/C	☑	Y ☑ N ☐	
8	HTF Heaters	A/B1-8	160	☑ O/C	☑	Y ☑ N ☐	
9	South Steel Pipe	A/B1-9	160	☑ O/C	☑	Y ☑ N ☐	
10	Lube Oil	A/B1-10	160	☑ O/C	☑	Y ☑ N ☐	
11	Turbine Hose Stations	A/B1-11	160	☑ O/C	☑	Y ☑ N ☐	
12	Turbine Bearings	A/B1-12	160	☑ O/C	☑	Y ☑ N ☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	A/B2-1	165	☑ O/C	☑	Y ☑ N ☐	
2	Ullage Area	A/B2-2	160	☑ O/C	☑	Y ☑ N ☐	
3	Ullage Structure	A/B2-11	160	☑ O/C	☑	Y ☑ N ☐	
4	Rack 1 Middle Area	A/B2-5	160	☑ O/C	☑	Y ☑ N ☐	
5	Overflow Tanks	A/B2-9	160	☑ O/C	☑	Y ☑ N ☐	
6	Rack 1 South Area	A/B2-6	165	☑ O/C	☑	Y ☑ N ☐	
7	Rack 1 West	A/B2-7	170	☑ O/C	☑	Y ☑ N ☐	
8	Rack 1 North Area	A/B2-4	160	☑ O/C	☑	Y ☑ N ☐	
9	Over flow AFFF	A/B2-8	165	☑ O/C	☑	Y ☑ N ☐	
10	Expansion Vessel AFFF	A/B2-3	160	☑ O/C	☑	Y ☑ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	☑ O/C	☑	Y ☑ N ☐	
2	Transformer Main	160	☑ O/C	☑	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	☑ O/C	☑	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	A/B4-5	160	☑ O/C	☑	Y ☑ N ☐	
2	Offices	A/B4-3	160	☑ O/C	☑	Y ☑ N ☐	
3	Electrical Room	A/B4-1	160	☑ O/C	☑	Y ☑ N ☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	☑ O/C	
2	Bearing 3	Y ☑ N ☐	☑ O/C	
3	Bearing 4	Y ☑ N ☐	☑ O/C	
4	Bearing 5	Y ☑ N ☐	☑ O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP 20'	Y ☐ N ☑	☑ O/C	
2	MP-200A	Y ☑ N ☐	☑ O/C	
3	MP 200B	Y ☑ N ☐	☑ O/C	
4	MP-200C	Y ☑ N ☐	☑ O/C	
5	MP-200D	Y ☑ N ☐	☑ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	190	O	Y ☑ N ☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Warehouse/Maintenance Shop Drive Way #7	O/C ☑		10/4	
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-3 # 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 WT by Multimedia Filters # 3	☑ O/C	☑		
10	East Side WT by Multimedia Filters # 5	☑ O/C	☑		
11	North Side Bldg 10 # 6	☑ O/C	☑		
12	Between MP 444's and Water Treat # 1	O/C ☑	☑		
13	Beta Only 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	☑	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ / BETA: ☐ Date: 10/25/25 Operator: Erick 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☑ N☐	
2	SG Unit 2	A/B1-2	160	✓ O/C	✓	Y☑ N☐	
3	Reheaters	A/B1-3	160	✓ O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	A/B1-4	155	✓ O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	A/B1-5	160	✓ O/C	✓	Y☑ N☐	
6	North Steel Pro	A/B1-6	155	✓ O/C	✓	Y☑ N☐	
7	HTF Pumps	A/B1-7	160	✓ O/C	✓	Y☑ N☐	
8	HTF Heaters	A/B1-8	160	✓ O/C	✓	Y☑ N☐	
9	South Steel Pro	A/B1-9	160	✓ O/C	✓	Y☑ N☐	
10	Lube Oil	A/B1-10	155	✓ O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	A/B1-11	160	✓ O/C	✓	Y☑ N☐	
12	Turbine Bearings	A/B1-12	160	✓ O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	A/B2-1	162	✓ O/C	✓	Y☑ N☐	
2	Ullage Area	A/B2-2	165	✓ O/C	✓	Y☑ N☐	
3	Ullage Structure	A/B2-11	160	✓ O/C	✓	Y☐ N☑	
4	Rack 1 Middle Area	A/B2-5	155	✓ O/C	✓	Y☑ N☐	
5	Overflow Tanks	A/B2-9	160	✓ O/C	✓	Y☑ N☐	
6	Rack 1 South Area	A/B2-6	155	✓ O/C	✓	Y☑ N☐	
7	Rack 1 West	A/B2-7	160	✓ O/C	✓	Y☑ N☐	
8	Rack 1 North Area	A/B2-4	160	✓ O/C	✓	Y☑ N☐	
9	Over flow AFFF	A/B2-8	155	✓ O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	A/B2-3	160	✓ O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓ O/C	✓	Y☑ N☐	
2	Transformer Main	160	✓ O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side		O/C		Y☐ N☐	

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☑ N☐	
2	Offices	A/B4-3	157	✓ O/C	✓	Y☑ N☐	
3	Electrical Room	A/B4-4	155	✓ O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓ O/C	
2	Bearing 3	Y☑ N☐	✓ O/C	
3	Bearing 4	Y☑ N☐	✓ O/C	
4	Bearing 5	Y☑ N☐	✓ O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	✓ O/C	
2	MP-200A	Y☑ N☐	✓ O/C	
3	MP-200B	Y☑ N☐	✓ O/C	
4	MP-200C	Y☑ N☐	✓ O/C	
5	MP-200D	Y☑ N☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	195	✓	Y☑ N☐	

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 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

No.	System	Debris			Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑			

Atlantica
Sustainable Infrastructure

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	Y☐ N☑	
2	SG Unit 2	A/B1-2	160	O/C	Good	Y☑ N☐	
3	Reheater	A/B1-3	160	O/C	Good	Y☑ N☐	
4	Rack 2 West HTF	A/B1-4	160	O/C	Good	Y☑ N☐	
5	Rack 2 East HTF	A/B1-5	160	O/C	Good	Y☑ N☐	
6	North Steel Pro	A/B1-6	160	O/C	Good	Y☑ N☐	
7	HTF Pumps	A/B1-7	160	O/C	Good	Y☑ N☐	
8	HTF Heaters	A/B1-8	160	O/C	Good	Y☑ N☐	
9	South Steel Pro	A/B1-9	160	O/C	Good	Y☑ N☐	
10	Lube Oil	A/B1-10	160	O/C	Good	Y☑ N☐	
11	Turbine Hose Stations	A/B1-11	160	O/C	Good	Y☑ N☐	
12	Turbine Bearings	A/B1-12	160	O/C	Good	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	A/B2-1	165	O/C	Good	Y☑ N☐	
2	Ullage Area	A/B2-2	160	O/C	Good	Y☑ N☐	
3	Ullage Structure	A/B2-3	160	O/C	Good	Y☑ N☐	
4	Rack 1 Middle Area	A/B2-5	160	O/C	Good	Y☑ N☐	
5	Overflow Tanks	A/B2-9	160	O/C	Good	Y☑ N☐	
6	Rack 1 South Area	A/B2-6	160	O/C	Good	Y☑ N☐	
7	Rack 1 West	A/B2-7	160	O/C	Good	Y☑ N☐	
8	Rack 1 North Area	A/B2-4	165	O/C	Good	Y☑ N☐	
9	Over flow AFFF	A/B2-8	160	O/C	Good	Y☑ N☐	
10	Expansion Vessel AFFF	A/B2-3	160	O/C	Good	Y☑ N☐	

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☑ N☐	
2	Transformer Main	175	O/C	Good	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	O/C	Good	Y☐ N☑	

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	Y☑ N☐	
2	Offices	A/B4-3	160	O/C	Good	Y☑ N☐	
3	Electrical Room	A/B4-4	160	O/C	Good	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP 201	Y☑ N☐	O/C	
2	MP 200A	Y☑ N☐	O/C	
3	MP 200B	Y☑ N☐	O/C	
4	MP 200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge			Y☐ N☐	

PIV Checks

No.	System	Position	Cycled	Date 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 Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 5	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	Yard Only West Side Power Block Valve Shed #1	O/C			N/A

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐	

Atlantica
Sustainable Infrastructure

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	O/C	✓	Y☑ N☐	
2	SG Unit 2	A/B1-2	155	O/C	✓	Y☑ N☐	
3	Reheaters	A/B1-3	155	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	A/B1-4	155	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	A/B1-5	160	O/C	✓	Y☑ N☐	
6	North Steel Pro	A/B1-6	160	O/C	✓	Y☑ N☐	
7	HTF Pumps	A/B1-7	160	O/C	✓	Y☑ N☐	
8	HTF Heaters	A/B1-8	160	O/C	✓	Y☑ N☐	
9	South Steel Pro	A/B1-9	160	O/C	✓	Y☑ N☐	
10	Lube Oil	A/B1-10	155	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	A/B1-11	160	O/C	✓	Y☑ N☐	
12	Turbine Bearings	A/B1-12	160	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

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

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	O/C	✓	Y☑ N☐	
2	Transformer Main	160	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	O/C	✓	Y☑ N☐	

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☑ N☐	
2	Offices	A/B4-3	155	O/C	✓	Y☑ N☐	
3	Electrical Room	A/B4-4	155	O/C	✓	Y☑ N☐	

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

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

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

No.	System	Locked	Viv. Pos.	Comments
1	MP-700	Y☑ N☐	O/C	
2	MP-700A	Y☑ N☐	O/C	
3	MP-200B	Y☑ N☐	O/C	
4	MP-200C	Y☑ N☐	O/C	
5	MP-200D	Y☑ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	170	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Warehouse/Maintenance Shop Drive Way #7	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 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

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑

Date: 10/4/25

Operator: Erick Carrillo

To be completed each time unit is operated.
The NFPA Form AES 5.1must be completed weekly.

Reason for running pumps: (Weekly test) Maintenance Emergency

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 164

Pump Suction Pressure: N/A Pump Discharge pressure: 164

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145

Start time: 9:32

Pump Suction Pressure: 15 Pump Discharge pressure: 150

Stop time: Total time running:

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ 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 YTD hours:

Comments: pump not run due to overheating Alarms.

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 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) 25- Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems [illegible]. The hours of operation for source testing will not be counted towards the [illegible] of the allowable annual limits [illegible]

Note: Fuel consumption 27 gal/h approximately

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

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐

Date: 11/15/25

Operator: Jose Ygrera

To be completed each time unit is operated.
The NFPA Form AES 5.1must be completed weekly.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 160 psi

Pump Suction Pressure: NA Pump Discharge pressure: 160 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145 psi

Start time:

Pump Suction Pressure: 15 psi Pump Discharge pressure: ~~150 psi~~ 95 psi

Stop time: Total time running: 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☐ Oil ☐ Mechanical ☐ Valves ☐ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☐ No ☐ 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).

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" [illegible]. The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption [illegible] gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR [illegible]]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 11/2[illegible]/25
Operator: Jose Garcia	**To be completed each time unit is operated.** **The NFPA Form AES 5.1must be completed weekly.**

Reason for running pumps: Weekly test ✓ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 165 psi

Pump Suction Pressure: N/A Pump Discharge pressure: 165 psi

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145 psi

Start time: 0506

Pump Suction Pressure: 15 psi Pump Discharge pressure: 55 psi

Stop time: 0516 Total time running: 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☐ Oil ☐ Mechanical ☐ Valves ☐ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☐ No ☐ 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 Disel pump [illegible] until further notice

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

This non-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 the other 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))

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	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 pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155 psi

Discharge Pressure: 165 psi

Pump Suction Pressure: N/A. Pump Discharge pressure: 165 psi.

Comments:

Electric Pump

Pre start inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145 psi

Start time: 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 ☐ Oil ☐ Mechanical ☐ Valves ☐ Water Jacket heater ☐

Fuel level > 2/3. Yes ☐ No ☐ 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: Did not run per-Managment. (Best Fire)

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 [illegible] minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance 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) 25-Standards for the Inspection, Testing and Maintenance of Water Based Fire Systems (current edition). The hours of operation for routine testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately

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

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 12/2/25
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 ✓ Maintenance Emergency

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 165

Pump Suction Pressure: 70 Pump Discharge pressure:

Comments:

Electric Pump

Pre-start inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure:

Start time: 1154

Pump Suction Pressure: 10 Pump Discharge pressure: 70

Stop time: 1204 Total time running: 10

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ✓ Valves ✓ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ 1/2 Monthly Fuel Consumption:

Battery volt Crank 1: 27 Battery volt Crank 2: 27	Battery Condition: Good
Starting hour meter: 133.6	Start time: 1942
Oil pressure start: 40	Oil Pressure finish: 14

Pump Suction Pressure: 4 psi Pump Discharge pressure: 40 psi

Coolant temperature after 30 minutes running: 232F

Stop time: 1945 Stop hour meter: 133.6 Total run time: 3 January 1st hour meter: Total YTD hours:

Comments: Running Test for mechanic leaking oil Emergency lined up for test

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 13 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)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ | Date: 12/2/25

Operator: Manuel Garcia | To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.

Reason for running pumps: Weekly test ☐ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

Check the jockey pump on pressure drop. Start up pressure:

Discharge Pressure:

Pump Suction Pressure: Pump Discharge pressure:

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

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 ☑ Oil ☐ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ 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).

This new test date the pump engine will be limited to use for emergency fire suppression, and required in response to a fire or due to a fire water pressure condition, this engine shall be operated no more than 30 minutes at any one hour and no more than 100 hours per year for initial start, acceptance testing and comparative demonstrations. Additionally this engine will not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 Standards for the Inspection, Testing and Maintenance of Water-Based Fire Systems (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual hours above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. (Title 17 CCR 93115.6(a)(3))

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ | Date: 12/6/25

Operator: Marcelino Sarabia

To be completed each time unit is operated.
The NFPA Form AES 5.1must be completed weekly.

Reason for running pumps: Weekly test ☐ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 162

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

Start the pump on pressure drop. Start up pressure:

Start time:

Pump Suction Pressure: Pump Discharge pressure:

Stop time: Total time running:

Comments: Tripped at start up

Diesel Pump

Pre-start Inspection: Coolant ☐ OIL Mechanical ☐ Valves ☐ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☐ No ☐ 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).

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, the engine shall [illegible] be operated more than the no more than 30 minutes in any one hour and no more than 50 hours per year for initial start up testing and compliance 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) 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 24 gal/h is approximately.

There is no limit on engine operation for emergency use. [illegible] 17 CCR 93115.6(a)(3)

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ | Date: 12/17/25

Operator: Jesus | To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.

Reason for running pumps: Weekly test ✓ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

Check the jockey pump on pressure drop. Start up pressure:

Discharge Pressure:

Pump Suction Pressure: Pump Discharge pressure:

Comments:

Electric Pump

Pre start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

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 ✓ Oil ✓ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ 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: [redacted] 203f

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):

For 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, the engine shall be operated no more than 30 minutes for any one hour test, no more than 10 hours per year for initial start up testing and commissioning demonstrations. Additionally, this engine shall not be operated more than the no. of test 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 (or most recent). The hours of operation for source testing will not be counted toward the total of the allowable annual limits listed 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))

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 12/28/25
Operator: Marcelino	**To be completed each time unit is operated. The NFPA Form AES 5.1 must be completed weekly.**

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 163

Pump Suction Pressure: Pump Discharge pressure:

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☐ Oil ☐ Mechanical ☐ Valves ☐ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☐ No ☐ 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).

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. [illegible] The hours of operation for routine testing will not be counted towards either of the allowable annual limits above.

Note: fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. (Title 17 CCR 93115.4(a)(2))

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑

Date: 12/2/25

Operator: Manuel Garcia

To be completed each time unit is operated.
The NFPA Form AES 5.1must be completed weekly.

Reason for running pumps: Weekly test ☐ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

Check the jockey pump on pressure drop. Start up pressure:

Discharge Pressure:

Pump Suction Pressure: Pump Discharge pressure:

Comments:

Electric Pump

Pre start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐

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 ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ 1/2 Monthly Fuel Consumption:

Battery volt Crank 1: 26.2 Battery volt Crank 2: 26.2 Battery Condition: Good

Starting hour meter: 138.2 Start time: 1903 1918 – 1923

Oil pressure start: 66 Oil Pressure finish: 35 psi (Δ gauge)

Pump Suction Pressure: 10 psi Pump Discharge pressure: 60 psi (?)

Coolant temperature after 30 minutes running: 113° @ start 230°F (201°F)

Stop time: 1907 Stop hour meter: 138.2 Total run time: 4 January 1st hour meter: Total YTD hours:

Comments: Very low discharge @ sump. signals of cooler clogged. Charge air Cooler High Alarm overheated quick.

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 Standard for the Inspection, Testing and Maintenance of Water-Based Fire Systems (current 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 no limit on engine operation for emergency use. (Title 17 CCR 93115.6(a)(4))

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑		Date: 12/2/25
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 ✓	Maintenance	Emergency

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑	Mechanical ☑	Valves ☑
Check the jockey pump on pressure drop. Start up pressure: 155psi		
Discharge Pressure: 65psi		
Pump Suction Pressure: N/A	Pump Discharge pressure: 164psi	
Comments:		

Electric Pump

Pre-start inspection: Electrical Feed ☑	Mechanical ☑	Valves ☑
Start the pump on pressure drop. Start up pressure: 145psi		
Start time: 0614		
Pump Suction Pressure: 10psi	Pump Discharge pressure: 60psi - 65psi	
Stop time: 0624	Total time running: 10 Mins.	
Comments: TEST VAVES 100% lined up.		

Diesel Pump

Pre-start Inspection: Coolant ☐	Oil ☐	Mechanical ☐	Valves ☐	Water Jacket Heater ☐
Fuel level > 2/3: Yes ☐ No ☐		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: High Temp AlARM (BEST FiRE)				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).				

[illegible] direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or fall in low fire water pressure. In addition, this engine shall [illegible] 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 [illegible] 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 limit on engine operation for emergency use. Title 17 CCR 93115 [illegible]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ✓

Date: 12/16/25

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 ✓ Maintenance Emergency

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ✓ Mechanical ✓ Valves ✓

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 ✓ Mechanical ✓ Valves ✓

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 ☐ Oil ☐ Mechanical ☐ Valves ☐ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☐ No ☐ 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)

This new direct diesel fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than [illegible] hours per year for maintenance 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: [illegible] 17 [illegible] approximately

[illegible] for emergency use [illegible] 17 CCR 93115 [illegible]

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ✓

Date: 12/13/25

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 ✓ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start inspection: Electrical Feed ✓ Mechanical ✓ Valves ✓

Check the jockey pump on pressure drop. Start up pressure: 155PSI

Discharge Pressure: 70 psi

Pump Suction Pressure: N/A

Pump Discharge pressure: 165psi

Comments:

Electric Pump

Pre-start inspection: Electrical Feed ✓ Mechanical ✓ Valves ✓

Start the pump on pressure drop. Start up pressure: ~~0446~~ 145psi

Start time: 0446.

Pump Suction Pressure: 10psi

Pump Discharge pressure: 50psi.

Stop time: 0456.

Total time running: 10 mins.

Comments: Test valves 100% lined up.

Diesel Pump

Pre-start inspection: Coolant ☐ Oil ☐ Mechanical ☐ Valves ☐ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☐ No ☐

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 Fire)

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

This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual 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)

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	Date: 12/22/25
Operator: Diego Rodriguez	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
Check the jockey pump on pressure drop. Start up pressure: 155 psi	
Discharge Pressure: 28 psi	
Pump Suction Pressure: N/A.	Pump Discharge pressure: 164 psi
Comments:	

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑	
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 ☐ Oil ☐ Mechanical ☐ Valves ☐ Water Jacket Heater ☐	
Fuel level > 2/3: Yes ☐ No ☐	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 WTO (OFF)	
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 [illegible] no more than 30 minutes in any one hour and no more than 10 hours per year for initial source 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 Protection Systems, [illegible] 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 [illegible]

There is no limit on engine operation for emergency use ([illegible])

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☐ Beta ☑	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 pumps: Weekly test ✓ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 163

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

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 ☐ Oil ☐ Mechanical ☐ Valves ☐ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☐ No ☐ 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).

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 [illegible] 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 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))

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

Section 2: Test results

Aboveground Storage Tank Standing Loss EVR

Pass	Fail		
☑	☐	TP-201.1E	Leak rate & cracking pressure of P/V vent valves

Aboveground Storage Tank Phase I & II EVR

Pass	Fail		
☐	☐	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

Aboveground Storage Tank Phase I & II Pre-EVR

Pass	Fail		
☐	☐	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

Underground Storage Tank Phase I EVR

Pass	Fail		
☐	☐	TP-201.3	2-inch WC static pressure
☐	☐	TP-201.1B	Static torque of rotable 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	Fail		
☐	☐	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
☐	☐	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	Fail		
☐	☐	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
☐	☐	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 HOSING 5/8/25, 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:

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

☐ TP-201.3	Static Pressure Performance Test (Leak Decay)	☐ TP-201.1B	Static Torque of Rotatable Phase I Adaptors
☐ TP-201.3B	Static Pressure Performance Test - Dispensing Facilities with AST's	☐ TP-201.1C	Leak Rate of Drop Tube/Drain Valve Assembly
☐ TP-201.4	Dynamic Back Pressure Test	☐ TP-201.1E	Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves
☐ TP-201.5	Air to Liquid Ratio Test	☐ TP-206.3	Static Pressure Performance Test - Dispensing Facilities with AST's
☐ TP-201.6C	Liquid Removal Rate Test	☐ 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 comdition. 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: Mahnaz Ghamati / 760 498-0549 Signature: [signature]

Testing Person: Marco Camargo Signature: [signature]

Testing Company: Orange Coast Petroleum Equipment Testing Person ID No.: 175734

Facility Name: Mojave Solar, LLC AQMD Facility ID No.: 3130

Facility Address: 42134 Harper Lake Rd Hinkley, CA 92347 Date: 4/15/2025

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

Testing Company

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

Phase I System? 402-D
Phase II System? G-70-52-AM
Tanks Manifolded? No
Vapor Pot Present? No
Total # of Nozzles 1
Products per Nozzle 1
Total # of Tanks 1

Tank Information	1	2	3	4	All
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	**1**	**2**	**3**	**4**	**5**
5. Start time	11:30am				
6. Initial Test Pressure, inches H_2O	2.00				
7. Pressure after 1 minute, inches H_2O	1.97				
8. Pressure after 2 minutes, inches H_2O	1.95				
9. Pressure after 3 minutes, inches H_2O	1.93				
10. Pressure after 4 minutes, inches H_2O	1.91				
11. Pressure after 5 minutes, inches H_2O	1.90				
12. Allowable Final Pressure	1.15				
13. Pass / Fail (Enter "GF" for Gross failure)	Pass				

4/15/2025	Requested Test Date.
11:30am	Requested Test Time.
Digital Manometer	What type of pressure device used?
3/10/2025	Calibration date for pressure device (90 days).
0	Enter initial tank ullage pressure (Vent if over 0.5 in. w.c., then start the 30 min no dispensing period)
1	Enter flowmeter rate, **F**(Must be 1 to 5 CFM).
0 min 54 sec	Calculate ullage fill time, t_2. $t_2 = \frac{V}{[1522]F}$
1 min 48 sec	Calculate gross failure time (Twice t_2).
0	Enter ending value of drift test (Must be 0.01 in. w.c. or less).
2.17"	Record Vapor Coupler Integrity Test Assembly pressure after 1 minute and location.
Phase I	Nitrogen introduction point. Phase I vapor coupler or Phase II vapor riser?

Tester: Marco Camargo
Tester Id: 175734
Signature:
Test Date: 4/15/2025

Liquid Removal
TP-201.6 C

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
Note: If using short version, disregard adhesion/evaporation column.
Name: Orange Coast Petroleum Equipment
Address: 1015 N Parker St
Orange, CA 92867
Phone: 714 744-4049

Dispenser Number	Product Grade	Gasoline Added (VI), ml.	Gasoline Dispensed (G), gal.	Dispense Time (T), sec.	Dispensing Rate (GPM) 60(G) / (T)	Gasoline Remaining (VF), ml.	Adhesion/ Evaporation (VW), ml.	Removal Rate ml/gal (VI-VW-VF)/G	Comments (Liquid Drained - No Test required if less than 25mL)
1	87/UNLD	0	0	--	--	--	--	--	0 Liquid Drained, No Test..

Tester Name: Marco Camargo
Signature:
Tester Id.: 175734
Test Date: 4/15/2025

Dynamic Pressure
TP-201.4

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

Dispenser Number	Product Grade	Nozzle Mfg. & Model Num.	60 CFH	80 CFH	Comments
1	87	VST-EVR-NBBK-2	.24	.38	Passed, SN: GS 19079

12/4/2024	Rotameter calibration date (Annual)
12/4/2024	Pressure measuring device calibration date (Annual)
11:05am	Time of back pressure unit leak check (Prior to each sites' tests)
+.50	Final pressure decay of back pressure unit in 5 minute.

Tester: Marco Camargo
Tester Id: 175734
Signature:
Test Date: 4/15/2025

Leak Rate and Cracking Pressure of P/V Vent Valves

Ref. No.:	Notified	**Testing Company**	
AQMD Id:	3130		
Site Name:	Mojave Solar, LLC	Name:	Orange Coast Petroleum Equipment
Address:	42134 Harper Lake Rd Hinkley, CA 92347	Address:	1015 N Parker St Orange, CA 92867
Phone:	760 498-0549	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 Tester Id: 175734

Signature: 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
☑ Gasoline	19,930	☐ Aviation gas	
☑ Diesel fuel	15,936	☐ Ethanol	
☐ Propane		☐ 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:		
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 Phone: 760 308 0400
Hinkley, California 92347

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
Hinkley, California 92347
Phone: 760 308 0400

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

Attachments: Test protocol and MDAQMD's submittal communication.

Outlook

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

Atlantica
Sustainable Infrastructure

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

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,