DOCKETED						
Docket Number:	09-AFC-05C					
Project Title:	Abengoa Mojave Compliance					
TN #:	261686					
Document Title:	Segment 002 of COMPLIANCE7-08-00 Mojave Solar Project 2024 Annual Compliance Report (09-AFC-5C)					
Description:	N/A					
Filer:	Mahnaz Ghamati					
Organization:	Abengoa Solar					
Submitter Role:	Applicant					
Submission Date:	2/11/2025 8:47:57 AM					
Docketed Date:	2/11/2025					

Phone: 760 308 0400

Appendix H

Air Quality 45

Diesel Fire Pump Engine Fuel and Time of Use Records

2024 Panel Pictures of Diesel-Driven Fire Pump

AQ45

Alpha E011042



Beta E011043





	•	Valve She	d # 1 by	Condens	er	Comments
lo.	System		Viv. Pos.		Locked	Comments
1	SG Unit 1 B1-1	0	0/9		YD ND	
2	SG Unit 2 B1-2	110	0/\$	/	YDNZ	
3	Reheaters 81-3	0	0/1	/	YDNZ	
4	Rack 2 West HTF B1-4	150	0/6	~	Y D N Z	
5	Rack 2 East HTF 81-5	90	OIL	~	Y D N D	
	110 411 2 100 1111	155	0/9	/	Y D N Z	
6		183	0/2	/	YOND	
7	The state of the s	115	0/9	-	YDNØ	
8	HTF Heaters B1-8	130	0/12	-	YDND	
9	South Steel Pro 81-9	130	OIZ	-	YDNZ	
10	Lube Oil B1-10		0/2	/	YDNZ	
11	Turbine Hose Stations B1-11	80		-	YD NØ	
12	Turbine Bearings B1-12	Value Ch	0/2	Overflor		
					Locked	Comments
o.	System	PSI	Viv. Pos.	Signage	Y Z N D	
1	Expansion Vessels B2-1	145	OIL	-		
2	Ullage Area B2-2	150	0/9	~	YZNO	
3	Ullage Structure B2-11	140	ØIC	~	YZ NO	
4	Rack 1 Middle Area B2-5	160	DIC	~	A Q N D	
	1777-1811	155	ØIC	~	Y,Z N D	
5		145	0/2	-	YZNO	
6	Rack 1 South Area 82-6	165	Ø/C	V	YZNO	
7	Rack 1 West B2-7	1850	0/2	1	YZNO	
8	Rack 1 North Area 82-4	185			YZNO	
9	Over flow AFFF 82-8	100	DIC	-	YO NZ	
10	Expansion Vessel AFFF 82-3	165	0/9	GE Elect	trical Bldg	
	Val	ve Shed # 3 b	y Blag 3	GE EIEC	Locked	Comments
lo.	System	PSI	Viv. Pos.		Locked Y Ø N □	Comments
1	Transformer Aux	100	glic		VA NO	
2	Transformer Main	130	910		YZNO	
_	Va	ve Shed # 4 b			West Side	
-	System	PSI	Viv. Pos.	Signage		Comments
lo.		1100	Ø/C	26	YZNO	
1	Cooling Tower West Side	Valve Shed	# 5 by C	ontrol Blo	ig 10	
	2000	PSI	Viv. Pos.	Signage	Locked	Comments
lo.	System		Ø/C	Jighage	YDND	
1	Control Room B4-5	160	DIC	-	YZND	
2	Offices B4-3	140	AIC	-	YZ NO	
3	Electrical Room B4-4 Turbine Sprinkl	100	NIC	bo locks	d in the one	n nosition)
	Turbine Sprinki	er valves (The	se are to	DE TOCKE	u iii die ope	Comments
lo.	System	Locked	Viv. Pos.			Comments
1	Bearing 2	YZ NO	O/C			
2	Bearing 3	YZ NO				
3	Bearing 4	YZND	Ø/C			
		YZ N D	OHC			-17/05-10
4	Bearing 5 HTF Deluge	System Valve	s (To be	Locked in	the Open P	osition)
-	System	Locked	Viv. Pos.			Comments
lo.		Y D N.	ØIC			
1	MP-201	YO NA	SOIC			
2	MP-200A	YE NO	DIC			
3	MP-200B					
4	MP-200C	YZ NO		+		
5	MP-200D	YO NZ	ØIC	aluare Co	rtom	
		Fire Pump	House D	eluge sy	stem	
4 -	Curtom	PSI	O/C	Locked		Comments
No.	System		0	YZNO		
1	Fire Pump House Deluge	145	PIV Che			
				Date	1	Comments
No.	System	Position	Cycled	Cycled		Comments
		OL				
1	Maintenance Shop Drive Way #7	0//				
2	Maintenance Shop Drive Way #8	Øic	-			
3	West Side Power Block by VS-3 # 9		-			
4	West Side Power Block by VS-1 # 10	019		-	_	
5	West Side Cooling Tower by VS-4 # 11	0/9		-		
6	West side Cooling Tower by VS-4 # 12	18/C				
	N.W. Corner Chemical Storage #1	ØIC		1		
	Marie State of the Control of the Co	DIC				
7		ØIC				
7 8	N.E. Corner Chemical Storage # 2		1			
7 8 9	East Side W.T. by Multimedia Filters # 3			7		
7 8 9 10	East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5	ØIC	-	-	-	
7 8 9 10	East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6	ØIC ØIC				
7 8 9 10	East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	ØIC ØIC				
7 8 9 10 11 12	East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	BIC DIC DIC		day of F	ony Month	
7 8 9 10 11 12	East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	SIC SIC SIC SIC O Be Cycled Fir	rst Satur	day of Ev	ery Month	Comments / Actions
7 8 9 10 11 12 13	East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	あた タに タに あた Be Cycled Fir		day of Ev	ery Month	Comments / Actions Page 234 of 1228



					Condens	Locked	Comments
No.		System	PSI	Viv. Pos.	Signage	Y D N D	Comments
1	SG Unit 1	B1-1		0/0/	V,	Y D N D	
2	SG Unit 2	81-2		0/0	1	YDNZ	
3	Reheaters	B1-3		0/0	,	YOND	DTU Coo and
4	Rack 2 West HTF	81-4		0/0	1	YDNZ	PIV Secured
5	Rack 2 East HTF	B1-5			1,	YOND	
6	North Steel Pro	B1-6		0/0		YO NO	
7	HTF Pumps	B1-7		0/0	-	YO NA	
8	HTF Heaters	B1-8		0/0	1	Y D N Z	
9	South Steel Pro	81-9		0/0	V,	YONA	
10	Lube Oil	B1-10		0/C _/	4	YO NZ	
11	Turbine Hose Stations	B1-11		0/C -		4.4	
12	Turbine Bearings	B1-12		0/C V	V	YO NØ	
			Valve S	hed # 2 b		N	Comments
No.		System	PSI	Viv. Pos.	Signage	Locked	Commencs
1	Expansion Vessels	B2-1	160	√ 0/C	/	Y D N Z	
2	Ullage Area	82-2	160	10/C		YE NO	
3	Ullage Structure	B2-11	160	V0/C	/	V N N D	
4	Rack 1 Middle Area	B2-5	160	10/C	-	YEND	
5	Overflow Tanks	82-9	155	10/C	~	Y N D	
6	Rack 1 South Area	82-6	150	VOIC	V	YO NO	
7	Rack 1 West	B2-7	160		1	YE NO	
8	Rack 1 North Area	B2-4	1660	>O/C	~	YEND	Arer Carel
9	Over flow AFFF	B2-8	185	. VO/C	ν,	YEND	AFFF Second
10	Expansion Vessel AFFF	00.0	155	· 10/C	/	Y P N D	AFFF Sicures.
10	Tryballsinii vessel with	V	alve Shed # 3	by Bldg 3	5 GE Elect	rical Bldg	345
M-		System	PSI	Viv. Pos.	Signage	Locked	Comments
No.	Transformer Aux	Jystem	110	VO/C	~	A CL, N C	
2	Transformer Main		135	JD/C	-	VZ NO	
2	HallStormer (Main)	V	alve Shed # 4	by Coolin	g Tower \	Nest Side	
AL-		System	PSI	Viv. Pos.			Comments
No.	Cooling Tower West Si		100	√ 0/C	/	Y D N D	
_1	Cooling Tower West Si	ue .	Valve She	d # 5 by C	ontrol Blo	ig 10	
	1	System	PSI	Viv. Pos.	Signage	Locked	Comments
No.	Control Danes	B4-5	160	V0/C		YZ NO	
1	Control Room	84-3	160	VOIC	/	YOND	
2	Offices		1111	DIC	V	YOND	
3	Electrical Room	Turbine Sprin	der Valves (T	nese are to	be locke	d in the op	en position)
			Locked	Viv. Pos.			Comments
No.		System	Y D N				
1	Bearing 2		V N				
2	Bearing 3		YZ N				
3	Bearing 4		VA NI	VOIC			
4	Bearing 5	UTE Delug	e System Valv	es (To be	Locked in	the Open	Position)
			Locked	Viv. Pos.	1 - 3 - 3 - 3		Comments
No.		System	VIIN	Z /O/C			
1	MP-201		VIIN	7 / O/C			
2	MP-200A		V D N	J 0/C			
3	MP-200B		VDEN	1 / O/C			
4	MP-200C		YUN	7 1/0/0	1		
5	MP-200D		Fire Days	p House D	Jeluge Sw	stem	
						1	Comments
No.		System	PSI	O/C	Locked		Collinence
	Fire Pump House Delu		165	. 0	YDND		
1	Fire Pump House Deit	ge	123	PIV Che	cks'		
			D = -141 = -		Date		Comments
No.		System	Positio		Cycled	-	
1	Maintenance Shop Dr	ve Way #7	O/C			-	
2	Maintenance Shop Dr	ve Way #8	0/0		-		
3	West Side Power Bloc	c by VS-3 # 9	√ 0/c			-	
4	West Side Power Bloc	k by VS-1 # 10	O/C				
5	West Side Cooling To	wer by VS-4 # 11	- O/C	/			
6	West side Cooling To	ver by VS-4 # 12	√ 0/C				
7	N.W. Corner Chemical	Storage #1	V0/C				
8	N.E. Corner Chemical	Storage # 2	√ 0/C				
9	East Side W.T. by Mul	imedia Filters # 3	/ 0/C				
_	East Side W.T. by Mul	imedia Filters # 5	10/0				
10	North Side Bldg 10 #		10/C				
11	Between MP-444's an	d Water Treat # 4	O/C	~			
	DECMEEN WIN-444 2 911	1 mm 1 mm 201 mm 1 mm 4 mm 5 5 4	n OIC				
					and the second second	om. Month	
13	West Side Power Bloc	K valve shed in	To Be Cycled	First Satur	day of Ev	ery Month	The second secon
13		of Systems Inspection Chec	To Be Cycled	First Satur	day of Ev	ery Worth	Comments / Actions Page 235 of 1226



Automated Fire Systems Inspection Checklist BETA: Plant: ALPHA Date: Valve Shed # 1 by Condenser Comments Viv. Pos. Signage Locked System Y D N D 0/0 SG Unit 1 Y D N D 0/0 SG Unit 2 YD ND DIV VALVE O/C Reheaters YD ND 0/0 Rack 2 West HTF 4 YI NI O/C Rack 2 East HTF Y D N D North Steel Pro B1-€ 0/0 6 YD ND OIC HTF Pumps Y D N D HTF Heaters O/C 8 Y D N D 0/0 South Steel Pro 9 0/0 YD ND 10 Lube Oil YD ND 11 Turbine Hose Stations B1-11 Y D N D 0/0 Turbine Bearings Valve Shed # 2 by Overflow Viv. Pos. Signage Locked Comments No. System YD ND 60 **1**0/C Expansion Vessels 10/0 Ullage Area YZ NO Ullage Structure 10/0 Y'Z N D 155 155 Rack 1 Middle Area YD, NO Overflow Tanks YD NO 10/0 6 Rack 1 South Area 1 0/C 1 0/C Rack 1 West YZ N 🗆 Rack 1 North Area ike 10/0 YIND Over flow AFFF 160 Expansion Vessel AFFF Valve Shed # 3 by Bldg 35 GE Electrical Bldg 10 Comments Viv. Pos. | Signage Locked No. System Y N N D **V**0/C Transformer Aux 10/0 Transformer Main Valve Shed # 4 by Cooling Tower West Side Comments PSI Viv. Pos. Signage System No. Valve Shed # 5 by Control Bldg 10 Cooling Tower West Side PSI Viv. Pos. | Signage Locked Comments No. System Y D N D O/C Control Room Offices 0/0 YO NO Electrical Room O/C Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. Comments No. System Bearing 2 VE N □ VO/C VE N □ VO/C VE N □ VO/C HTF Deluge System Valves (To be Locked in the Open Position) Bearing 3 Bearing 4 Bearing 5 4 Locked Viv. Pos.
Y N O/C
Y N O/C Comments No. System MP-201 MP-200A Y N D / O/C MP-200B MP-2000 Y D N 0/0 MP-200D Fire Pump House Deluge System Comments PSI Locked No. System D NO 15 Fire Pump House Deluge PIV Checks Date Comments Position Cycled No. 0/C / Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 O/C 🗸 10/C West Side Power Block by VS-3 # 9 0/0/ West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 0/0 0/0/ West side Cooling Tower by VS-4 # 12 1010 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 VO/C 10/0 East Side W.T. by Multimedia Filters # 3 10/0 East Side W.T. by Multimedia Filters # 5 10 10/0 11 North Side Bldg 10 # 6 0/C / 12 Between MP-444's and Water Treat # 4 To Be Cycled First Saturday of Every Month West Side Power Block Valve Shed #1 Comments / Actions 1 Transformer Yard Refuse Check Page 236 of 1228 FOR 0000 27

Page 1 of 1Revised 09/24/2019



		•	Valve She	d # 1 bv	Condens	er	perator Diup P
NI-		Custom	PSI	Viv. Pos.	Signage	Locked	Comments
No.	SG Unit 1	System B1-1	122	Ø/C	/	YE, NO	
2	SG Unit 2	B1-2	160	SIC	/	YZ NO	
3	Reheaters	B1-3	165	gric	/	YZ N 🗆	
4	Rack 2 West HTF	B1-4	155	9/10		YZ N 🗆	
5	Rack 2 East HTF	B1-5	160	SIC	/	Y D N D	
6	North Steel Pro	B1-6	160	ØIC	/	YZ N 🗆	
7	HTF Pumps	B1-7	155	ØIC		YZ N 🗆	
8	HTF Heaters	81-8	160	Ø/C	/	YZ N 🗆	
9	South Steel Pro	B1-9	160	ØIC		Y Z N 🗆	
10	Lube Oil	B1-10	140	Ø/C		YZ NO	
11	Turbine Hose Stations	B1+11	155	9/C		YZN	
12	Turbine Bearings	B1-12	160	Ø/C ed # 2 by	Overflox		
						Locked	Comments
No.		System	PSI	Viv. Pos.	Signage	Y Z N 🗆	Comments
1	Expansion Vessels	B2-1	175	BIC		YZ NO	
2	Ullage Area	B2-2	135	BIC		YZ NO	
3	Ullage Structure	B2-11		Ø/C	4/	YZNO	
4	Rack 1 Middle Area	B2-5 B2-9	将	Ø/C	~	YZ N 🗆	
5	Overflow Tanks	82-6	170	ØIC		YZN	
7	Rack 1 South Area Rack 1 West	B2-7	175	98/C	/	YZ N 🗆	
8	Rack 1 North Area	82-4	170	Ø/C	/	YZÍ N 🗆	
9	Over flow AFFF	B2-8	160	Ø/C	~	YZ NO	-0.55
10	Expansion Vessel AFFF	B2-3	170	012	7	Y DZ N 🗆	VAIVED OUT FORM.
10	Expansion vesserran	Valve	Shed # 3 b	y Bldg 35	GE Elect	rical Bldg	
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		160	ØIC	/	YZN	
2	Transformer Main		155	y Cooling	/	Y D N D	
	L	Valve	Shèd # 4 b			Vest Side	≥ the published of the second of the seco
No.		System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West 5	ide	160	SIC	XIDI	YZN	New Sigh Needed.
			alve Shed				Comments
No.		System	PSI	Viv. Pos.	Signage	Locked Y Ø N 🗆	Comments
1	Control Room	B4-5	160	DIC	V	YZN	
2	Offices	B4-3	140	E)C		YD'ND	Tk.
3	Electrical Room	Turbine Sprinkler \	140	10/C	he locke	d in the o	nen position)
			Locked	Viv. Pos.	De locke	u iii tiic o	Comments
No.		System	Y Z N 🗆	Ø/C			
	Bearing 2		YE, NO	Ø/C			
2	Bearing 3		YE NO	Ø/C			
3	Bearing 4		Y P N D	OVC			
4	Bearing 5	HTF Deluge Sys	tem Valve	s (To be	ocked in	the Open	Position)
No.		System	Locked	Viv. Pos.			Comments
1	MP-201	System	YZ NO	ØIC			
2	MP-200A		YPND	0/8			
3	MP-200B		Y Z N U	ØIC			
4	MP-200C		Y N O	DIC			
5	MP-200D		YONZ	2070			
-			Fire Pump	House D	eluge Sys	tem	
No		System	PSI	O/C	Locked		Comments
No.	Ei D			0	YZ NO		
_1	Fire Pump House Delu	ige	160	PIV Chec	ks		
			n		Date		Comments
		System	Position	Cycled	Cycled		Confidence
No.			OKIC .				
No.	Maintenance Shop Dr		pic				
	Maintenance Shop Dr	ive Way #8	BIC				
1	Maintenance Shop Dr West Side Power Bloc	ive Way #8 k by VS-3 # 9	BIC BIC				
1 2	Maintenance Shop Dr West Side Power Bloc West Side Power Bloc	ive Way #8 k by VS-3 # 9 k by VS-1 # 10	BIC BIC BIC OIC				
1 2 3	Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To	ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11	ØJC				
1 2 3 4 5 6	Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West side Cooling To	ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 ver by VS-4 # 12	Ø/C				
1 2 3 4 5 6 7	Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West side Cooling To N.W. Corner Chemical	ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 ver by VS-4 # 12 Storage #1	ØJC ØJC				
1 2 3 4 5 6 7 8	Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West side Cooling To N.W. Corner Chemical N.E. Corner Chemical	ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 ver by VS-4 # 12 Storage #1 Storage # 2	Ø/C Ø/C Ø/C				
1 2 3 4 5 6 7 8	Maintenance Shop Dr West Side Power Bloc West Side Cooling To West Side Cooling To West side Cooling To N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Multi	ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 ver by VS-4 # 12 Storage #1 Storage # 2 imedia Filters # 3	8/C 8/C 8/C 8/C				
1 2 3 4 5 6 7 8 9	Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West side Cooling To N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Mult East Side W.T. by Mult	ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 ver by VS-4 # 12 Storage #1 Storage #2 imedia Filters # 3 imedia Filters # 5	\$/C \$/C \$/C \$/C \$/C \$/C				
1 2 3 4 5 6 7 8 9 10	Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling Tov West side Cooling Tov N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Mult East Side W.T. by Mult North Side Bldg 10 #	ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 ver by VS-4 # 12 Storage #1 Storage #2 imedia Filters # 3 imedia Filters # 5	6/C 6/C 6/C 6/C 6/C 6/C				
1 2 3 4 5 6 7 8 9 10 11 12	Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West Side Cooling To N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Mult East Side W.T. by Mult North Side Bldg 10 # Between MP-444's an	ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 ver by VS-4 # 12 Storage #1 Storage #2 cimedia Filters # 3 cimedia Filters # 5 6 d Water Treat # 4	\$\int 5/C \\ \delta/C \\ \delt				
1 2 3 4 5 6 7 8 9 10	Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling Tov West side Cooling Tov N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Mult East Side W.T. by Mult North Side Bldg 10 #	ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 ver by VS-4 # 12 Storage #1 Storage #2 imedia Filters # 3 imedia Filters # 5 6 d d Water Treat # 4	\$\line{\Bar{D}} \column{C} \tilde{\Bar{D}} \colu	st Saturd	ay of Fye	ery Month	
1 2 3 4 5 6 7 8 9 10 11 12 13	Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West side Cooling To N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Mult East Side W.T. by Mult North Side Bldg 10 # Between MP-444's an West Side Power Bloc	ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 ver by VS-4 # 12 Storage #1 Storage #2 imedia Filters # 3 imedia Filters # 5 6 d d Water Treat # 4	\$\int 5/C \\ \delta/C \\ \delt	st Saturd	ay of Eve	ery Month	Comments / Actions



			Valve She			er Locked	Comments
lo.		System	PSI	Viv. Pos.	Signage	Locked	Commence
1	SG Unit 1	B1-1	0	9 /C	V/	YEND	
2	SG Unit 2	B1-2	100	0 /C	-	YZND	
3	Reheaters	B1-3		0 /C	1	YEND	
4	Rack 2 West HTF	B1-4	1	0 /C	1	VE NO	
5	Rack 2 East HTF	B1-5		0 /C	1	Y Z N D	
6	North Steel Pro	B1-6			-	YEND	
7	HTF Pumps	B1-7		D/C	7	YEND	
8	HTF Heaters	B1-8		© /C	-	YEND	
9	South Steel Pro	81-9		€/C	4	YEND	
10	Lube Qil	81-10		0/0	-/	YZND	
11	Turbine Hose Stations	B1-11		0/0	- /	YEND	
12	Turbine Bearings	B1-12	1116 50	0/6	Overflox		
				ied # 2 D	y Overflow	Locked	Comments
lo.		System	PSI	Viv. Pos.	Signage	YZND	Comment
1	Expansion Vessels	82-1	162	O/C	V	YEND	
2	Ullage Area	B2-2	162	Ø/C	1	YEND	
3	Ullage Structure	B2-11	761	6 /C	/	YEND	
4	Rack 1 Middle Area	B2-5	162	e/C	7		
5	Overflow Tanks	B2-9	156	0 /C		YEND	
6	Rack 1 South Area	B2-6	159	NO/C	/	YEND	
7	Rack 1 West	82-7	158	0/C	1	YE NO	
8	Rack 1 North Area	B2-4	157	O/C	/	YONE	/
9	Over flow AFFF	B2-8	142	Ø/C	V,	YOND	
10	Expansion Vessel AFFF	P.O. D.	117	O/C		Y D N D	
10	Expansion vesser ner	Valve	Shed # 3 b	y Bldg 3	5 GE Elect	trical Bldg	
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	ayare,	160	Ø/C		YEND	
2	Transformer Main		100	0 /C	/	YND	
	Transionner wom	Valve	Shed # 4 l	y Coolin	g Tower \	West Side	
No.		System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West S	35	159	6 /C	/	AMA	
	Cooling Tower West 2		Valve Shed	# 5 by C	ontrol Blo	dg 10	
NIa		System	PSI	Viv. Pos.	Signage	Locked	Comments
No.	Coursel Deem	B4-5	157	B/C	1571	YOND	
1	Control Room Offices	84-3	156	10 /C	1560	YOND	
2	Electrical Room		11.1	Ø/C	1111	YYD NO	
3	Fiectucal koom	Turbine Sprinkler	Valves (Th	ese are to	be locke	d in the o	pen position)
		System	Locked	Viv. Pos.			Comments
No.	2000	System	YONE	OC			
1	Bearing 2		Y D N D				
2	Bearing 3		YONE				
3	Bearing 4		VONE	DIC			
4	Bearing 5	HTF Deluge Sy	stem Valve	s (To be	Locked in	the Oper	Position)
			Locked	Viv. Pos.			Comments
No.		System	Y D N 62				
_1	MP-201		YWA	and the second second		_	
2	MP-200A		V N S				
3	MP-200B	11	YEND	114.1910.553			
4	MP-200C		YEND				
5	MP-200D		Fire Pump	House F	Deluge Sv	stem	
						201	Comments
No.		System	PSI	O/C	Locked		Commence
	Fire Pump House Deli	109	175	0	YNE	1	
1	Fire Pump House Deli	ige		PIV Che	cks		
			Do state -		Date		Comments
No.		System	Position	Cycleu	Cycled	-	
1	Maintenance Shop Di	ive Way #7	0.10		1	1	
2	Maintenance Shop Dr	ive Way #8	Ø C				
3	West Side Power Blog	k by VS-3 # 9	O /C				
4	West Side Power Bloo	k by VS-1 # 10	0/6				
5	West Side Cooling To	wer by VS-4 # 11	OC.				
6	West side Cooling To	wer by VS-4 # 12	P C				
7	N.W. Corner Chemica	Storage #1	O/C				
8	N.E. Corner Chemical	Storage # 2	O/C				
9	East Side W.T. by Mul	timedia Filters # 3	• /C				
	East Side W.T. by Mul	timedia Filters # 5	0/0				
10	North Side Bldg 10 #	6	0/0				
10							
11	Retween MP 444's as	d Water Treat # 4	0.0				
11 12	Between MP-444's ar	d Water Treat # 4	40				
11	Between MP-444's ar West Side Power Bloo	d Water Treat # 4	40	irst Satur	day of Ev	ery Month	1
11 12 13	Between MP-444's ar West Side Power Bloo	d Water Treat # 4		irst Satur	day of Ev	ery Month	Comments / Actions Page 238 of 1228 MI



			Valve She				Commants
٥.	9	iystem	PSI	Viv. Pos.	Signage	Locked	Comments
		1-1	159	@/C		YE NO	
	0.0 4.1.1.1	1-2	159	0/0		YEND	
	114.104.10	11-3	150	18 /C			
	110011	1-4	160	0 /C	V	YZND	
	1.00.00	31-5	155	Ø)C	V	YZND	
		31-6	756	OIC		YZND	
-		31-7	156	0 /C		YZND	
		31-8	156	Ø/C	~	YZND	
)	South Steel Pro	B1-9	166	O/C	/	YEND	
0	Lube Oil	31-10	156	10 /C	~	YZND	
1	Turbine Hose Stations	B1-11	164	0 /C	~	YMND	
2	Turbine Bearings	B1-12	161	₽ /C		Y Z N 🗆	
					Overflow		C
).		System	PSI	Viv. Pos.	Signage	Locked	Comments
		B2-1	161	10 10		YEND	
		32-2	163	0 /C	/	YZND	
3	Olloge Stractore	B2-11	1/2	10 /C		YEND	
1	Rack 1 Middle Area	B2-5	165	O/C		YEND	
5	The Part Court of Court Court	B2-9	1,60	10 /C	_	YZN	
5	Rack 1 South Area	B2-6	163	10 /C		YDND	
7	Rack 1 West	B2-7	1,64	O/C	~	YZNO	
3	Rack 1 North Area	B2-4	162	0 /C		YZNO	
)	Over flow AFFF	B2-8	162	Q/C		YEND	
0	Expansion Vessel AFFF	B2-3	162	10/C	_	YEND	
			Valve Shed # 3 b	y Bldg 35	GE Elect	rical Bldg	
o.		System	PSI	Viv. Pos.	Signage	Locked	Comments
	Transformer Aux		157	Ø/C	-	YEND	
2	Transformer Main		188	D/C		YONO	
			Valve Shed # 4 b	y Cooling	Tower V	Vest Side	
ο.		System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side		162	9 /C	1	YEND	
			Valve Shed	# 5 by Co	ntrol Bld		
о.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1		B4-5	164	10 /C		YQV	
2		B4-3	162	0 /C		YOUND	all
3		B4-4	164	10 /C	~	Y D N E	
_	-	Turbine Spri	nkler Valves (The	se are to	be locke	d in the op	pen position)
0.		System	Locked	Viv. Pos.			Comments
1	Bearing 2	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Y N D	. O/C			
2	Bearing 3		Y D N	@/C			
3	Bearing 4		Y N O	0 /C			
4	Bearing 5		YEND	8 /C			24 - 244 - 344
_	Dearing 5	HTF Delu	ge System Valve	s (To be	ocked in	the Open	Position)
0.	2	System	Locked	Viv. Pos.			Comments
1	MP-201	Jystem	Y D N D	Ø C			
2	MP-200A		YND	10 /C			
3	MP-200A		YONE	Ø/C			
4	MP-200C		YND	D/C			
			YMND	8 /C			
5	MP-200D		Fire Pump	House D	eluge Svs	tem	
-					I Salamanan V		Comments
о.		System	PSI	O/C	Locked		Comments
1	Fire Pump House Delug	e	164	0	YND		
				PIV Chec			
о.		System	Position	Cycled	Date		Comments
_			0/0		Cvcled		
1	Maintenance Shop Drive	e vvay # /					
2	Maintenance Shop Drive		0 /C				
3	West Side Power Block I		ØC				
4	West Side Power Block I	oy VS-1 # 10	Ø/C				
5	West Side Cooling Towe		0/0				
6	West side Cooling Towe		6 /C	-	-		
7	N.W. Corner Chemical S		@ /C				
8	N.E. Corner Chemical St	orage # 2	0 /C			-	
9	East Side W.T. by Multin	nedia Filters # 3	2 /C				
10	East Side W.T. by Multin	nedia Filters # 5	O YC				
11	North Side Bldg 10 # 6		6 /C				
12	Between MP-444's and	Water Treat # 4	0/8				
13	West Side Power Block	Valve Shed #1	10 /C				
			To Be Cycled Fir	st Saturo	ay of Eve	ry Month	
_						- Laborator Company	Comments / Actions



		Valve She				Comments
	System		Viv. Pos.	Signage	Locked	Comments
	SG Unit 1 B1-1	160	1 0/C	7	Y NO	
_	SG Unit 2 B1-2	160	√ 0/C	7	YZINO	
- 5	Reheaters B1-3	160		- -	YZ NO	
	Rack 2 West HTF B1-4	160	J, O/C	5	YZ NO	
	Rack 2 East HTF B1-5	160	J 0/C		YDND	
	North Steel Pro B1-6	160	J O/C	1		
	HTF Pumps B1-7	160	/ O/C	V	YZ NO	
	HTF Heaters B1-8	(60	√ O/C	J	YZND	
	South Steel Pro B1-9	(66	J, 0/C	V	YZ NO	
	Lube Oil B1-10	(60	J, O/C	J	YDND	
	Turbine Hose Stations B1-11	160	√ O/C	J	YZINO	
	Turbine Bearings B1-12	160	♦ 0/C	2	Y D N D	
		Valve Sh				Comments
	System	PSI	Viv. Pos.	Signage	Locked	Comments
	Expansion Vessels B2-1	162	√ 0/C	1	YZNO	
	Ullage Area B2-2	(65	1 0/C	Į ,	YEND	
	Ullage Structure 82-11	165	VO/C	V:	YZNO	
	Rack 1 Middle Area B2-5	165	√ 0/C	V	YZ N 🗆	
	Overflow Tanks B2-9	(65	J0/C	/	YZND	
-	Rack 1 South Area B2-6	145	√ 0/C	V	Y DY N 🗆	
_	Rack 1 West B2-7	165	√ 0/C	V	YZ NO	
	Rack 1 North Area B2-4	165	√ 0/C	1	Y N D	
	Over flow AFFF B2-8	145	√ 0/C	V	Y D N D	
_	Expansion Vascel AEEE R2-3	165	./O/C	1	YPND	
	Tanganaion resserving	/alve Shed # 3 by	y Bldg 3	GE Elec	trical Bldg	
	System	PSI	Viv. Pos.		Locked	Comments
_	Transformer Aux	160	V 0/C	7	YOND	
_	Transformer Main	155	1/0/C	1	YDN	
_	Transformer Walli	Valve Shed # 4 b	y Cooline	Tower	West Side	
_	System	PSI	Viv. Pos.	Signage		Comments
-	Cooling Tower West Side	165	VOIC	1	YZND	
-	Cooling Tower West Side	Valve Shed	# 5 by Co	ontrol Blo	dg 10	
	System	PSI	Viv. Pos.		Locked	Comments
	Control Room B4-5	160	10/C	0	YEND	
_	Offices B4-3	160	V/ O/C	V	YZYND	
	Electrical Room B4-4	llec	J 0/C	1	YEND	
_	Turbine Sprin	kler Valves (The	se are to	be locke	d in the open p	oosition)
	System		Viv. Pos.	7 1.		Comments
		YZ NO				
_	Bearing 2	YEND				
_	Bearing 3	YZNO		-		
	Bearing 4	YEND				
	Bearing 5	ge System Valves	(To be	Locked in	the Open Posi	tion)
_			Viv. Pos.	1		Comments
	System	Y D' N D				
_	MP-201	VE NO	10/0			
	MP-200A	YE NO				
_	MP-200B	YZ NO				
	MP-200C	YPND				
	MP-200D	Fire Pump	House D	eluge Sv	stem	
		1000				Comments
-	System	PSI	0/C	Locked		Comments
	Fire Pump House Deluge	155	V	YZN		
_			PIV Chec			
	System	Position	Cycled	Date		Comments
_		0/C >		Cycled		
_	Maintenance Shop Drive Way #7	V 0/C	Ĵ	1-7		
	Maintenance Shop Drive Way #8	· 20/C	J	1~7	1	
	West Side Power Block by VS-3 # 9		7			
	West Side Power Block by VS-1 # 10	√ O/C		1-7		
	West Side Cooling Tower by VS-4 # 11	V 0/C	V	1-3		
	West side Cooling Tower by VS-4 # 12	V 0/C	V	1-7		
	N.W. Corner Chemical Storage #1	√ O/C	7	1-7		
	N.E. Corner Chemical Storage # 2	√ O/C		1-7	-	
	East Side W.T. by Multimedia Filters # 3	√ O/C	~	1-7		
l	East Side W.T. by Multimedia Filters # 5	V O/C	V,	1-7		
	North Side Bldg 10 # 6	V 0/C	J	1-7		
	Between MP-444's and Water Treat # 4	0/C 火	V	1		
	West Side Power Block Valve Shed #1	ir O/C	1	11-7		
	A Little of the Control of the Contr	To Be Cycled Fir	st Saturo	lay of Ev	ery Month	Comments / Actions
		eldiet wie Debris				



General Information
Plant: Alpha Beta Date: 1/6/24
Operator: *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 Valves
Check the jockey pump on pressure drop. Start up pressure: 155 pst
Discharge Pressure: 170 p %
Pump Suction Pressure: 17 pst Pump Discharge pressure: 166 ps+
Comments:
Electric Pump
Pre-start Inspection: Electrical Feed
Start the pump on pressure drop. Start up pressure: 195 155
Start time: 1896
Pump Suction Pressure: 17 18 Pump Discharge pressure: 15 1 15 T
Stop time: 1856 Total time running 12 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 1:28 M Battery volt Crank 2: 28.7 Battery Condition: 900
Starting hour meter: 134 Start time: 1858
Oil pressure start: 57 VST Oil Pressure finish: 35 VST
03 11-1
The state of the s
Stop time: 1906 Stop hour meter: 134.1 Total time running:
Comments: High Temp Alumn after 8 mins runnia
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/ h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)[4)]



Automated Fire Systems Inspection Checklist

		Valve She				
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	160	J 0/C		YZNO	
2	SG Unit 2 B1-2	160	J 0/C	1	VZ NO	
3	Reheaters B1-3	160	√ O/C	J,	YZND	
4	Rack 2 West HTF B1-4	160	J, O/C	J	YZNO	
5	Rack 2 East HTF B1-5	166	√ O/C	J	Y N D	
6	North Steel Pro B1-6	160	J 0/C	1	Y D N D	
7	HTF Pumps B1-7	160	1 O/C	V	Y N D	
8	HTF Heaters B1-8	(60	J 0/C	J	A N D	
9	South Steel Pro B1-9	166	1,0/0	V	Y NO	
10	Lube Oil B1-10	(60	1, O/C	J	YD NO	
11	Turbine Hose Stations B1-11	160	10/C	J	YZ NO	
12	Turbine Bearings B1-12	160	\$ 0/C	1	YZIND	
12	Turbine bearings	Valve Sh	ed # 2 by	Overflo	w	
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	VO/C	1	YPNO	
2	Ullage Area B2-2	165	10/C		YE NO	
	Ullage Structure B2-11	165	VO/C	V	YZNO	
3		165	VO/C		YZNO	
4	Rack 1 Middle Area B2-5		JO/C	1	YZNO	
5	Overflow Tanks B2-9	(65	JO/C	7	V NO	
6	Rack 1 South Area B2-6	145			VZNO	
7	Rack 1 West B2-7	iles	√0/C	V	YZNO	
8	Rack 1 North Area B2-4	165	V 0/C	V		
9	Over flow AFFF B2-8	(4)	√0/C	V	YDND	
10	Expansion Vessel AFFF B2-3	165	JO/C	CHEL	YDND	
		Valve Shed # 3 b			trical Bidg	
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓ O/C	-	Y D N D	
2	Transformer Main	1.55	√0/C		A D N D	
		Valve Shed # 4 b			West Side	
No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	169	√ 0/C	-	A D N D	
		Valve Shed	# 5 by C	ontrol Blo		
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	10/C		A B N D	
2	Offices B4-3	160	V/ O/C		YPND	
3	Flectrical Room 84-4	1 loc	J 0/C		YEND	
-	Turbine	Sprinkler Valves (The	ese are to	be locke	d in the o	pen position)
No.	System	Locked	Viy. Pos.	1000	MARCH PROPERTY.	Comments
1	Bearing 2	YØ NO				
		YEND				
2	Bearing 3	YZNO				
3	Bearing 4	YZNO				
4	Bearing 5	Deluge System Valve		locked in	the Onen	Position)
		Locked	Viv. Pos.	LOCKEU II	the open	Comments
No.	System	Y D N D				Commence
1	MP-201					
2	MP-200A	YZNO		_		
3	MP-200B	YZNO				
4	MP-200C	YZNO				
5	MP-200D	YPND	V 0/C	-live - C		
		Fire Pump	House D	eluge Sy	stem	
No.	System	PSI	0/0	Locked		Comments
		(2)	1	YNE		
11	Fire Pump House Deluge	167	PIV Che	rks IN L		
N 10 0 0 0				Date		
4.4	System	Position	Cycled	Cycled		Comments
No.	Maintenance Shop Drive Way #7	0/C >	×	1		
No.	Iviaintenance Shop Drive way #7			1-7		
1		√ 0/C				
1 2	Maintenance Shop Drive Way #8		J	1-/		
1 2 3	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9	· 10/C		1-7		
1 2 3 4	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10	, \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7	1-7		
1 2 3 4 5	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11	√ 0/C √ 0/C √ 0/C	0	1-7		
1 2 3 4 5 6	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12	√ 0/C √ 0/C √ 0/C √ 0/C	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1-7 1-7 1-7		
1 2 3 4 5 6 7	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1	√ 0/C √ 0/C √ 0/C √ 0/C √ 0/C	7	1-7 1-7 1-7		
1 2 3 4 5 6 7	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 #9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2	/ _/ O/C // O/C // O/C // O/C // O/C // O/C	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1-7 1-7 1-7 1-7		
1 2 3 4 5 6 7 8	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3	/	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1-7 1-7 1-7 1-7		
1 2 3 4 5 6 7 8 9	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5	/	\(\frac{1}{2} \)	1-7 1-7 1-7 1-7		
1 2 3 4 5 6 7 8	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 #9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6	/	\frac{1}{\sqrt{1}}	1-7 1-7 1-7 1-7		
1 2 3 4 5 6 7 8 9	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-4 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage # 1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	/	\frac{1}{\sqrt{1}}	1-7 1-7 1-7 1-7 1-7		
1 2 3 4 5 6 7 8 9 10	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-4 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage # 1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	-	\frac{1}{\sqrt{2}}	-7 -7 -7 -7 -7 -7		
1 2 3 4 5 6 7 8 9 10 11	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 #9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6	/	\frac{1}{\sqrt{2}}	-7 -7 -7 -7 -7 -7	ery Month	
1 2 3 4 5 6 7 8 9 10 11 12 13	Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-4 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage # 1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	/	\frac{1}{\sqrt{2}}	-7 -7 -7 -7 -7 -7	ery Month	Comments / Actions Page 242 of of 228



Fire Pump Weekly Test Log

General Ir	formation				
Plant: Alpha ☑ Beta □	Date: (623				
Operator: Flick	*To be completed each time unit is operated.				
Reason for running pumps: Weekly test Maintena	nce Emergency				
Jockey Ele	ctric Pump				
Pre-start Inspection: Electrical Feed Mechanica	Valves				
Check the jockey pump on pressure drop. Start up pressure:	155				
Discharge Pressure: 165					
Pump Suction Pressure: Pum	p Discharge pressure: 163				
Comments:	1 ~ 0				
1	Pump				
Pre-start Inspection: Electrical Feed Mechanica	Valves 0				
Start the pump on pressure drop. Start up pressure: 145					
Start time: 70', 14					
	Discharge pressure: 5 🔘				
Stop time: 20:28 Total time running	g lo min				
Comments: Packing Looks goods.					
, , , , , , , , , , , , , , , , , , , ,	Pump				
Pre-start Inspection: Coolant Oil Mechanica	Valves Water Jacket Heater D				
Fuel level > 2/3: Yes □ No □ Mont	hly Fuel Consumption:				
Battery volt Crank 1:27.3 Battery volt Crank 2: 27.3	Battery Condition: Gover 14 Corroisius in Lamingle				
Starting hour meter: 130. LL.	Start time: 20:30				
Oil pressure start: 56	Oil Pressure finish: 39 p5;				
Pump Suction Pressure: Pum	p Discharge pressure: (60				
Coolant temperature after 30 minutes running: 203 F					
Stop time: 20 '. 3 % Stop hour meter: . \ 3	30.5. Total time running: 8 Min				
Comments: Battery terminals on 19. Ea	st paaking nexcis Adjustment -				
Fault-Charge air cooler, temp out or R	ange (High) Corrective (Increase raw when Flow)				
Sulfur Concentrations (less than or equal to 0.0015% on a weight pe					
more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing	as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no and compliance demonstrations. Additionally, this engine shall not be operated more than the number tion (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" allowable annual limits above.				

Rev. 09/24/2019



		Plant: ALPHA Ø B	ETA:	Date:	17/20	0	perator Di W Y
			Valve She	ed # 1 by	Condens	er	
No.		tem	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1		155	Ø/C	/	YE NO	
2	SG Unit 2 B1-2		160	glic glic	/	YZN	
3	Reheaters B1-		145	910	/	YZNO	
4	Rack 2 West HTF B1-		160	DIC		YZNO	
5	Rack 2 East HTF B1- North Steel Pro B1-		140	Ø/C	-	YZNO	
6	HTF Pumps B1-		155	Ø/C		YZNO	
7	HTF Heaters B1-	- 110	180	Ø/C		YZNO	
8	TOTAL INVICENDATION CONTRACTOR			ØIC		YZNO	
9			140	Ø/C	1	YZNO	
10	Lube Oil B1-		Theo			YZNO	
11	CONTROL NO CONTROL CON	-11	155	Ø/C	_	Y D N D	
12	Turbine Bearings B1	-12	Valve Sh	ed # 2 by	Overflo		
No	Sue	tom	PSI	Viv. Pos.	Signage	Locked	Comments
No.		stem	175	Ø/C	Signage	Y N D	Comments
1	Expansion Vessels B2- Ullage Area B2-		173	/ 9		YZNO	
2			135	DIC.		YE NO	
3		-11	12		-	YEND	
4	Rack 1 Middle Area B2		173	Ø/C	V/	YE NO	
5	Overflow Tanks B2-		175	Ø/C	-		
6	Rack 1 South Area B2		150	Ø/C		YZNO	
7	Rack 1 West B2-		175	Ø1C	V	YZNO	
8	Rack 1 North Area B2		170	Ø/C	V .	YZ NO	
9	Over flow AFFF B2		160	Ø/C	~	YZ NO	111111111111111111111111111111111111111
10	Expansion Vessel AFFF B2	V-1	170	0/2	CEFI	Y JA N L	VAIVED ONT FORM.
	W21000					rical Bldg	
No.	-	stem	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		160	DIC	~	YZNO	
2	Transformer Main	Value 6	/55 hed # 4 b	9/10	-	Y N L	
						vest Side	-
No.		stem	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side		140 Ive Shed	ØIC	×	YEND	New Sigh Needed.
		Va	lve Shed				
No.		stem	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-		160	DIC	~	YZNO	
2	Offices B4-		140	Ø/C	/	YZNO	¥.
3	Electrical Room B4-	Turbine Sprinkler V	140	16/C		AD NO	
		Turbine Sprinkler V	alves (The		be locke	d in the o	
No.	Sys	stem	Locked	Viv. Pos.			Comments
1	Bearing 2		YZNO	Ø1C			
2	Bearing 3		YE, NO	Ø1C			
3	Bearing 4		YZNO	g//C			
4	Bearing 5		YZNO	9/10			
		HTF Deluge Syst	em Valve	s (To be l	ocked in	the Open	Position)
No.	Sys	stem	Locked	Viv. Pos.			Comments
1	MP-201		YE NO	Ø/C			
2	MP-200A		YND	0/8			
3	MP-200B		Y D'NO	ØIC			
4	MP-200C		YZNO	ØIC			
5	MP-200D		YONZ	201C			
		Fi	re Pump	House De	eluge Sys	tem	
No.	Sue	tem	PSI	O/C	Locked		Comments
200000		· ·	A	100000000000000000000000000000000000000	Y N D		Commence
11	Fire Pump House Deluge		160	DIV Chas			
				PIV Chec			
No.	Sys	tem	Position	Cycled	Date Cycled		Comments
1	Maintenance Shop Drive W	ay #7	Ø/C		Creicu		
2	Maintenance Shop Drive W	ay #8	BIC				
3	West Side Power Block by V						
4	West Side Power Block by V		DIC.				
5	West Side Cooling Tower by		BIC				
6	West side Cooling Tower by		BIC BIC				
7	N.W. Corner Chemical Stora		ØIC				
8	N.E. Corner Chemical Storag		ØjC ØjC				
9	East Side W.T. by Multimedi		B/C				
10	East Side W.T. by Multimedi		PIC		_		
11	North Side Bldg 10 # 6		DIC				
12	Between MP-444's and Wat	ter Treat # 4	Ø/C				
13	West Side Power Block Valv		Ø/C				
10	The place of the place Agin		ycled Fire	t Saturd	av of Eve	ry Month	
NO	MT-FOR-000027 Automated AVS		Debris	Juturu	J OI LVC	, mondi	Comments / Actions
70 10 0040	Transformer Yard Refuse Ch	neck Inspection Checklist	Y Debris				
	I and heruse Cr	ANNO.		of 1Revised	09/24/2019		Page 244 of 1228 R 00





Fire Pump Weekly Test Log
General Information

Date: 1-14-24
the state of the state of the second of
*To be completed each time unit is operated.
□ Emergency □
Pump
Valves 🖸
6
scharge pressure: 176
тр
Valves 🖫
charge pressure: 164
Omin
mp
Valves Water Jacket Heater
Fuel Consumption:
attery Condition: good
art time: 0450
Pressure finish: 35
ischarge pressure: 155
Total time running: a min
eight basis).
response to a fire or due to low fire water pressure. In addition, this engine shall be operated no ompliance demonstrations. Additionally, this engine shall not be operated more than the number IFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" ble annual limits above.



			Valve She				Comments
lo.	con the	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	59	0 /C	-	YNO	
2	SG Unit 2	B1-2		18/C	-	YEND	
3	Reheaters	B1-3	150	2 /C	~	YEND	
4	Rack 2 West HTF	81-4	160		~	YZND	
5	Rack 2 East HTF	B1-5	155	OC.	V	YZNO	
6	North Steel Pro	B1-6	156	0 /C	-	YZNO	
7	HTF Pumps	B1-7	156	Ø /C	~	YZNO	
8	HTF Heaters	B1-8	156	0 /C	100		
9	South Steel Pro	B1-9	166	O/C	/	A & N D	
10	Lube Oil	B1-10	156	10 /C	~	YZNO	
11	Turbine Hose Stations	B1-11	164	0 /C	~	YZN	
12	Turbine Bearings	B1-12	161	₽/C	~	A Q N D	
				ed # 2 by			
Vo.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	161	OC		YEND	
2	Ullage Area	B2-2	163	O /C		A S N D	
3	Ullage Structure	B2-11	112	10 /C		YEND	
4	Rack 1 Middle Area	B2-5	165	0/0		YPND	
5	Overflow Tanks	B2-9	1,60	Ø/C	/	YAND	
6	Rack 1 South Area	B2-6	163	19 /C	~	YDND	
7	Rack 1 West	B2-7	164	0 /C	-	YEND	
	Rack 1 West	B2-4		0/0	-	YEND	
8	Over flow AFFF	B2-8			-	YEND	
9			162	Q/C		A S NO	
10	Expansion Vessel AFFF	B2-3	Valve Shed # 3 b	ADIC W Bldg 35	GE Floc		
							Comments
No.		System	/57	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		151	8 /C		YONO	
2	Transformer Main		158	D/C	Town		
			Valve Shed # 4 b			west side	
Vo.		System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Si	de	162	9 /C	/	Y P N D	
			Valve Shed	# 5 by Co		lg 10	
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	169	10 /C	~	YND	
2	Offices	B4-3	162	0 /C	/	YOND	
3	Electrical Room	B4-4	164	10 /C	/	YONE	
-		Turbine Sprin	nkler Valves (The	se are to	be locke	d in the op	en position)
No.		System	Locked	Viv. Pos.			Comments
1	Bearing 2	System	Y P N D	. 0/C			Comments
2	Bearing 3		YONE				
3	-		YND	0 /C			
	Bearing 4		YEND				
4	Bearing 5	UTE Dalu		Ø/C	acked in	the Open	Position)
N. C.			ge System Valve		оскеа п	the Open	
Vo.		System	Locked	Viv. Pos.			Comments
1	MP-201		YONE	O C			
2	MP-200A		YWND	10 /C			
3	MP-200B		Y D N Z	8 /C			
4	MP-200C		Y S N D	D/C			
5	MP-200D		YND	₽ /C			
			Fire Pump	House De	eluge Sys	tem	
do.		System	PSI	O/C	Locked		Comments
Vo.		100000000000000000000000000000000000000	The second secon	12000000			Comments
1	Fire Pump House Delu	ge	164	0	YEND		
				PIV Chec			
No.		System	Position	Cycled	Date		Comments
1	Maintenance Shop Dri		0,0		Cycled		
2	Maintenance Shop Dri		0 /C				
3	West Side Power Block		Ø C				
4	West Side Power Block		Ø/C				
5	West Side Cooling Tov		0/0				
6	West side Cooling Tow		0 /C				
7	N.W. Corner Chemical		4 /C				
8	N.E. Corner Chemical S	torage # 2	O /C				
9	East Side W.T. by Multi	media Filters # 3	9 /C				
10	East Side W.T. by Multi		000				
11	North Side Bldg 10 # 6		6/C		_		
	Between MP-444's and		0/0				
12			N/C				
12		Valve Speci # 1	AD/C				
13	West Side Power Block		To Ro Cucled Fin	ct Catrond	W OF F.	mr Manth	
13	West Side Power Block		To Be Cycled Fire	st Saturd	ay of Eve	ry Month	Comments / Actions





General Information
Plant: Alpha Beta Date: 13 24
Operator: Erick Cgrvillo *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: \55
Discharge Pressure: 162
Pump Suction Pressure: NA 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: 13'.45.
Pump Suction Pressure: (2 Pump Discharge pressure: 150
Dop time: Total time running
Comments:
Diesel Pump
Pre-start Inspection: Coolant Oil Mechanical Valves Water Jacket Heater
Fuel level > 2/3: Yes No Vy Monthly Fuel Consumption:
Battery volt Crank 1: 27,4 Battery volt Crank 2: 27-3 Battery Condition: Good 14, Covcosino
battery voit Crank 1. 24,4 battery voit Crank 2. 24.3 battery Condition. (2000) A Corvos an
Battery volt Crank 1: 27,4 Battery volt Crank 2: 27-3 Battery Condition: Good IA, Corrosian Starting hour meter: 130-5- Start time: 13:35
Starting hour meter: 130.5- Start time: 13.35
Starting hour meter: 130.5- Start time: 13.35
Starting hour meter: 30 S Oil pressure start: 64ps Oil Pressure finish: 41ps
Starting hour meter: 30 S Oil pressure start: 64 ps Oil Pressure finish: 41 ps Pump Suction Pressure: 15 Pump Discharge pressure: 160
Start time: 13:35 Oil pressure start: 64ps Pump Suction Pressure: 15 Pump Discharge pressure: 160 Coolant temperature after 30 minutes running: 135°F Start 192°F Stop time: 13:43 Stop hour meter: 130.6 Total time running: Comments: Fault Charge By Court Temp where Range High
Start time: 13:35 Oil pressure start: 64ps Pump Suction Pressure: 15 Pump Discharge pressure: 160 Coolant temperature after 30 minutes running: 135°F Start 192°F Stop time: 13'143 - Stop hour meter: 130.6 Total time running:
Start time: 13:35 Oil pressure start: 64ps Pump Suction Pressure: 5 Pump Discharge pressure: 60 Coolant temperature after 30 minutes running: 135° 5 5 6 7 192° 6 Stop time: 13:43 Stop hour meter: 130.6 Total time running: Comments: 1260 8 000 Fault Charge Arr courr Temp out or Range High
Start time: 13:35 Oil pressure start: 64ps Pump Suction Pressure: 5 Pump Discharge pressure: 160 Coolant temperature after 30 minutes running: 135°F Start 1 92°F Stop time: 13:43 Stop hour meter: 130.6 Total time running: Comments: Fault Charge Arr courr Temp out or range High Packing Look good on both west & east 8 ide.



Automated Fire Systems Inspection Checklist BETA: Plant: ALPHA [] Valve Shed # 1 by Condenser Viv. Pos. Signage Comments Locked System No. SG Unit 1 Y D N D SG Unit 2 Y D N D DIV ValVa Reheaters Y D N D Rack 2 West HTF B1-4 Y D N D Rack 2 East HTF YO NO North Steel Pro B1-6 YO NO HTF Pumps YOND B1-8 HTF Heaters YO NO South Steel Pro B1-9 Y D N D 10 Lube Oil YD ND B1-11 Turbine Hose Stations 11 Y D N D Turbine Bearings Valve Shed # 2 by Overflow Comments Signage Locked No. System PSI Viv. Pos. YDND 60 Expansion Vessels YAND 1010 Ullage Area 10/0 Ullage Structure 1.0/0 YZNO 155 155 Rack 1 Middle Area YOND V 0/C Overflow Tanks 10/0 Rack 1 South Area 6 1 0/0 YOND Rack 1 West 10/0 B2-4 YZ NO Rack 1 North Area 140 YD NO Over flow AFFF 160 B2-3 Expansion Vessel AFFF Valve Shed # 3 by Bldg 35 GE Electrical Bldg Viv. Pos. Signage Locked Comments System PSI YD NO Transformer Aux Transformer Main Valve Shed # 4 by Cooling Tower West Side PSI Viv. Pos. Signage Comments No. System Cooling Tower West Side Valve Shed # 5 by Control Bldg 10 Comments System Viv. Pos. Signage Locked No. Control Room B4-5 Offices YONO Electrical Room YDND Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. Comments System No. Bearing 2 YE NO 10/0 Bearing 3 YD NO VO/O Bearing 4 4 Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Locked Viv. Pos. No. System MP-201 V | N | /0/C MP-200A MP-200B Y NO VO/C 4 MP-2000 MP-200D D N D Fire Pump House Deluge System System PSI No. Locked Comments Fire Pump House Deluge Ø NO PIV Checks Date No. Position Comments Cycled Maintenance Shop Drive Way #7 0/0 0/6 / Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 0/4 West Side Cooling Tower by VS-4 # 11 V 0/C 0/0 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 VO/0 N.E. Corner Chemical Storage # 2 VO/C 10/0 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 10/0 10/0 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4 0/0 / West Side Power Block Valve Shed #1 To Be Cycled First Saturday of Every Month G70 NP 0040 MT FOR 000027 Automated RYSSEP ms Inspection Checklist
1 Transformer Yard Refuse Check Comments / Actions Page 248 of 1228 Debris YONO

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General Information
Plant: Alpha Beta Date: 1/20/24
Operator: Dily Podnique ? *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 ps 1
Discharge Pressure: \(\langle \Sigma \sigma \)
Pump Suction Pressure: Pump Discharge pressure: 165ps
Comments:
Electric Pump
Pre-start Inspection: Electrical Feed Mechanical Valves Valves
Start the pump on pressure drop. Start up pressure: 145ps
Start time: 1940
Pump Suction Pressure: 10 ps Pump Discharge pressure: 150 ps
op time: 1950 Total time running 10 Mins.
Comments:
Diesel Pump
Pre-start Inspection: Coolant 🗹 Oil 🗹 Mechanical 🗹 Valves 🗹 Water Jacket Heater 🗹
Fuel level > 2/3: Yes \(\Bar{\text{V}} \) No \(\Dar{\text{V}} \) Monthly Fuel Consumption: \(\Dar{\text{V}} \) \(\Dar{\text{V}} \)
Battery volt Crank 1: U.7 Battery volt Crank 2: U.7 Battery Condition: Good, Need Cleaning
Starting hour meter: 130.6 HRS Start time: 1952
Oil pressure start: 57ps1 Oil Pressure finish: 42 ps1
Pump Suction Pressure: 15ps1 Pump Discharge pressure: [65ps]
Coolant temperature after 30 minutes running: 201°F High Temp ALARM.
Stop time: 2013 Stop hour meter: 130, 19 Total time running: 21 mins
Comments:
1 1 2 1 1 1
PACKING ON WIST SIDE MEDS Adjustment. High TEMP ATAM. Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. te: Fuel consumption 27 gal/ h approximately. ere is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]



Automated Fire Systems Inspection Checklist

			Valve She		Comacina		
No.		System	PSI	Viv. Pos.		Locked	Comments
1	SG Unit 1	B1-1		v 0/C/	/	YO NO	
2	SG Unit 2	B1-2		, O/C -	/	YO NO	
3	Reheaters	B1-3		0/0	/	YOND	
4	Rack 2 West HTF	B1-4		0/0	/	Y D N D	PIV Secured
5	Rack 2 East HTF	B1-5		0/C ~	1	YONZ	LTA DOCOVER
	North Steel Pro	B1-6		0/0	/	Y D N D	
6				0/0	1	YOND	
7	HTF Pumps	B1-7		0/0	1	Y D N D	
8	HTF Heaters	B1-8			~/	YOND	
9	South Steel Pro	B1-9		0/0	V ,	Y D N A	
10	Lube Oil	B1-10		0/01	V,		
11	Turbine Hose Stations	B1-11		0/C -	1,	Y D N D	
12	Turbine Bearings	B1-12		0/0	V	YDNØ	
			Valve Sh	ed # 2 by	Overflor	N	
No	T	System	PSI	Viv. Pos.	Signage	Locked	Comments
No.	Eugansian Vascals	B2-1	160	√ 0/C	/	YDNZ	
	Expansion Vessels	B2-2	160	/0/C	~	YEND	
2	Ullage Area			V0/C	/	YND	
3	Ullage Structure	B2-11	160	10/C	-	VEND	
4	Rack 1 Middle Area	B2-5	160		-	YE NO	
5	Overflow Tanks	B2-9	155	VO/C	557	YONO	
6	Rack 1 South Area	B2-6	160	VO/C	6		
7	Rack 1 West	B2-7	160	√ O/C	1	Y-D N D	
8	Rack 1 North Area	B2-4	160	√ 0/C	/	YAT NO	
9	Over flow AFFF	B2-8	155	V 0/C	V.	YEND	AFFF Every
10	Expansion Vessel AFFF	82.3	135.	10/C		YPND	AFFF Surrey.
TU	Lypansion vesser Arri	Valve	Shed # 3 b	v Blda 3	GE Elect	rical Bldg	1711
NI-			PSI	Viv. Pos.	Signage	Locked	Comments
No.	T 1000 0 F 1000 0 1000 0 1000	System		VIV. POS.	Signage	Y D' N D	77 contrade (177)
1	Transformer Aux		110			YZNO	
2	Transformer Main	W	13 5 Shed # 4 b	D/C	Towar	Nost Side	
						vest side	Comments
No.		System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West S	ide	160	√ 0/C	/	Y N N N	
			alve Shed	# 5 by Co	ontrol Bio	ig 10	
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	V0/C		YZNO	
	Offices	B4-3	160	VO/C	1	YOND	
2	the management of	B4-4	166	VO/C	1	YOND	
3	Electrical Room	Turbine Sprinkler	Valvos (The	oce are to	he locke	d in the one	en position)
					De locke	a m the op	Comments
No.		System	Locked	Viv. Pos.	-		Comments
1	Bearing 2		YAND	₹ 0/C			
2	Bearing 3		YZNO				
3	Bearing 4		YZND	V D/C			
4	Bearing 5		YND	V 0/C			
		HTF Deluge Sy	stem Valve	s (To be	Locked in	the Open F	Position)
No.		System	Locked	Viv. Pos.			Comments
1	MP-201	5,5.6	Y D N				
2			YON	/OIC			
2	MP-200A		Y N D	1010			
3	MP-200B						
4	MP-200C		YDND	V 0/C	-		
5	MP-200D		YONZ	VO/C			
			Fire Pump	House D	eluge Sys	tem	
No		1981 Fabrus	PSI	O/C	Locked		Comments
No.		System	1131	0/0			100 July 100
1	Fire Pump House Deli	uge	165.	U	Y D N D		
			The state of the s	PIV Che			
No.		System	Position	Cycled	Date		Comments
			1 12 20 20 20 20 20 20 20 20 20 20 20 20 20		Cycled		
1	Maintenance Shop Dr		0/C 🖍		-		
2	Maintenance Shop Dr		0/0				
3	West Side Power Bloo		/ 0/C				
4	West Side Power Bloc	k by VS-1 # 10	O/C 🗸	'			
5	West Side Cooling To	wer by VS-4 # 11	- O/C V				
6	West side Cooling To	wer by VS-4 # 12	10/C				
7	N.W. Corner Chemica		10/C				
			J 0/C		-		
8	N.E. Corner Chemical		90/0		-	-	
9	East Side W.T. by Mul		2 0/C		-	-	
10	East Side W.T. by Mul		J 0/C	-		-	
11	North Side Bldg 10 #		10/C				
12	Between MP-444's an		O/C 🗸				
13	West Side Power Bloo	k Valve Shed #1	O/C				
		To Be	Cycled Fir	rst Saturo	lay of Eve	ery Month	
		ed Systemms Inspection Checklist	Debris		1		Comments / Actions
No							Page 250 of 1228

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			Valve She	d # 1 by	Condens	er	Comments
_		System		Viv. Pos.		Locked	Comments
1	SG Unit 1	B1-1	0	Q/C	V,	YEND	
2	SG Unit 2	B1-2		D /C	/	YZNO	
3	Reheaters	B1-3		0 /C	/	YEND	
4	Rack 2 West HTF	B1-4		0/0	/	YZNO	
5	Rack 2 East HTF	B1-5		D/C	1	YZND	
6	North Steel Pro	B1-6		Ø /C	1	YZNO	
7	HTF Pumps	B1-7		D/C	-/		
8	HTF Heaters	B1-8		© /C	1	YZNO	
9	South Steel Pro	B1-9		6 /C	1,	YZND	
10	Lube Oil	B1-10		0/0	1	YZND	
11	Turbine Hose Stations	B1-11		0/0	/_	YEND	
12	Turbine Bearings	B1-12		0/6	V		
16	Turbine sestings		Valve Sh				Comments
No.		System	PSI	Viv. Pos.	Signage	Locked	Commence
1	Expansion Vessels	B2-1	162	O/C	/	YEND	
2	Ullage Area	B2-2	162	Ø/C	/	YEND	
3	Ullage Structure	B2-11	761	10 /C	/	YMND	
4	Rack 1 Middle Area	B2-5	162	6 /C	1	YEND	
5	Overflow Tanks	B2-9	156	0 /C		YZNO	
6	Rack 1 South Area	B2-6	159	O/C	/	YZNO	
7	Rack 1 West	B2-7	158	10 /C	/		
8	Rack 1 North Area	B2-4	157	0 /C		YONE	
9	Over flow AFFF	B2-8	142	Ø/C	1	Y D N	1
10	Expansion Vessel AFFF	22.2	117	O/C	V	Y D N D	
10	Lxparision vesser	Valv	e Shed # 3 b	y Bldg 35	GE Elec	trical Blug	Comments
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		160	@ /C	/	YND	
2	Transformer Main		100	O/C		YND	
60	11015101111	Valv	re Shed # 4 b	y Cooling	Jower	west Side	Comments
No.		System	PSI	Viv. Pos.	Signage	YEND	Commence
1	Cooling Tower West S		159	6 /C	101	YMANI	
	Caramag		Valve Shed	# 5 by Co	ontrol Bi	ag 10	Comments
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	157	B/C	157	YVND	
2	Offices	B4-3	156	0 /C	1560	YZNO	
3	Electrical Room	84-4	113	3 /C	160 0	YO NO	
		Turbine Sprinkle	er Valves (The	ese are to	be locke	ed in the op	Sen position)
No.		System	Locked	Viv. Pos.			Comments
1	Bearing 2		YONE				
2	Bearing 3		Y D N G				
3	Bearing 4		YONE				
4	Bearing 5		YONZ	0/0			
4	Dearing 5	HTF Deluge	System Valve	s (To be	Locked in	n the Open	Position)
No.		System	Locked	Viv. Pos.			Comments
1	MP-201		YONZ				
2	MP-200A		Y W D	*			
3	MP-200B		A BON B	A STATE OF THE PARTY OF THE PAR			
	MP-200C		Y N D				
5	MP-200D		Y SO N 🗆	10 C			
,	2000		Fire Pump	House D	eluge Sy	stem	
		System	PSI	0/C	Locked	-	Comments
No.		System	175		YND	1	
1	Fire Pump House Del	uge	1.13	PIV Che			
				1 50 70 70	Date		Comments
No.		System	Position	Cycled	Cycled		Comments
1	Maintenance Shop D		0.0				
	Maintenance Shop D	rive Way #8	⊘ C				
2	West Side Power Blo	k by VS-3 # 9	0/0				
3	West Side Power Blo	-k by VS_1 # 10	0/6				
4	West Side Power Blo West Side Cooling To	.K Uy V3-1# 1U	OC.				
5	West Side Cooling To	wer by VS-4 # 11	9 C	1			
6	West side Cooling To N.W. Corner Chemica	I Storago #1	0/0				
7	N.W. Corner Chemica	Storage # 1	0 /C				
8	N.E. Corner Chemical	timodia Filtore # 3	9 /C				
9	East Side W.T. by Mu	timedia Filters # 3	0/0				
10	East Side W.T. by Mu	timedia Filters # 5				1	
11	North Side Bldg 10 #		0/C			1	
12	Between MP-444's ar	nd Water Treat # 4	0,0			+	
13	West Side Power Blo	k Valve Shed #1	Be Cycled Fi	ret Cation	day of Fu	ery Month	
		To		ist sature	aay or Ev	cry worth	Comments / Actions
		ed Aystemms Inspection Checklist	Debris				





General Infor	mation
Plant: Alpha ✓ Beta □	Date: \ 28 24
Operator: Erick Camillo	*To be completed each time unit is operated.
Reason for running pumps: Weekly test Maintenance	☐ Emergency ☐
Jockey Electric	c Pump
Pre-start Inspection: Electrical Feed Mechanical	Valves 🗸
Check the jockey pump on pressure drop. Start up pressure:	55.
Discharge Pressure: 162.	
Pump Suction Pressure: NIA no gauge Pump Di	scharge pressure: 162
Comments:	
Electric Pu	
Pre-start Inspection: Electrical Feed Mechanical	Valves
Start the pump on pressure drop. Start up pressure: U.S.	
Start time: 1900	shares processes 1 E A
	charge pressure: 150
	10min.
Comments:	
Diesel Pur	mp
Pre-start Inspection: Coolant Oil Mechanical	Valves Water Jacket Heater
Fuel level > 2/3: Yes \(\text{No } \) \(\text{False level} \). Monthly \(\text{Nonthly } \)	Fuel Consumption:
Battery volt Crank 1: 273 Battery volt Crank 2: 27.3 - Ba	ittery Condition: Good (6.16.21) batkry terminal.
Starting hour meter: (30.9.	art time: 19'.10 -
Oil pressure start: 67	Pressure finish: 39 P5;
Pump Suction Pressure: 15	ischarge pressure: \60
Coolant temperature after 30 minutes running: 138° = 1	207F)
Stop time: 19'. 18 Stop hour meter: 131	
Comments: Oil pan legk. Correcti	re action (Increase Row water Flow)
1760 Rpm. Fault (Charge Air	cooler Temp out of 12 onge (High)
Sulfur Concentrations (less than or equal to 0.0015% on a weight per we	ight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in or more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and co of hours necessary to comply with the testing requirements of the National Fire Protection Association (NI urrent edition). The hours of operation for source testing will not be counted towards either of the allowable te. Fuel consumption 27 gal/ h approximately.	impliance demonstrations. Additionally, this engine shall not be operated more than the number FPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"



			PSI	Viv. Pos.	Condens Signage	Locked	Comments
Vo.		System	O	0/2	Signage	YOND	
1	SG Unit 1	B1-1	110	0/2	/	YONZ	
2	SG Unit 2	B1-2 B1-3	0	0/2	/	YDNZ	
3	Reheaters	B1-4	150	0/2		Y D N Z	
4	Rack 2 West HTF Rack 2 East HTF	B1-5	90	OR	~	Y D N D	
5		B1-6	155	0/8	/	YUNZ	
6	North Steel Pro	B1-7	183	0/2	~	Y D N D	
7	HTF Pumps		115	0/4	-	YOND	
8	HTF Heaters	B1-8	130	0/2	/	Y D N D	
9	South Steel Pro	B1-9	170	012	/	YDNZ	
10	Lube Oil	B1-10	80	0/2	-	Y D N D	
11	Turbine Hose Stations	B1-11	80		/		
12	Turbine Bearings	B1-12	Valve Sh	ed # 2 by	Overflo	W	
		-	PSI	Viv. Pos.	Signage	Locked	Comments
No.		System	145	0/2	Jighage	YZNO	
1	Expansion Vessels	B2-1	150	0/2	~	YZNO	
2	Ullage Area	B2-2	150	ØIC	V	YZ NO	
3	Ullage Structure	B2-11	140	B/C	~	YZNO	
4	Rack 1 Middle Area	B2-5	160		./	YZ NO	
5	Overflow Tanks	B2-9	155	Ø/C		YZNO	
6	Rack 1 South Area	B2-6	145	0/2	-	YZNO	
7	Rack 1 West	B2-7	185	Ø/C	-	YZND	
8	Rack 1 North Area	B2-4	150	0/2	~	YZNO	
9	Over flow AFFF	B2-8	140	Ø/C	~		
10	Expansion Vessel AFFF	B2-3	165 alve Shed # 3 b	Pleta 3	CE Elac	trical Bldg	
		V		y blug 3		Locked	Comments
No.		System	PSI	Viv. Pos.	Signage	Y Z N 🗆	Comments
1	Transformer Aux		100	SIC SIC		YZNO	
2	Transformer Main		130		Tawar		
	-1119	V	alve Shed # 4 b	y Coolin		vest side	Comments
No.		System	PSI	Viv. Pos.	Signage	VELVE	Comments
1	Cooling Tower West S	ide	140	ØIC	× 101	YZNO	
			Valve Shed				Comments
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	DIC	~	YDND	
2	Offices	B4-3	160	BIC	/	YZND	
3	Electrical Room	B4-4	1111)	10/C		YZNO	
	The second second second	Turbine Sprin	kler Válves (The	ese are to	be locke	d in the op	en position)
No.		System	Locked	Viv. Pos.			Comments
1	Bearing 2	-,	YZNO	Ø/C	_		
2	Bearing 3		YZ NO	26 /C			
3	Bearing 4		YZNO	Ø/C			
4	Bearing 5		YZ NO	Q+/C			
4	Dearning 5	HTF Delug	e System Valve	s (To be	Locked in	the Open	Position)
No.		System	Locked	Viv. Pos.			Comments
1	MP-201	System	Y D NE	ØIC			
	MP-200A		Y D N	Ø/C			
3	MP-200A MP-200B		YZNO	ØIC			
4	MP-2006		YZ NO	ØIC			
5	MP-200D		YONZ	ØIC			
)	INIT - 4000		Fire Pump		eluge Sv	stem	
		The Million Control		1 1 1 1 1 1 1 1 1			Comments
No.		System	PSI	0/C	Locked		Comments.
1	Fire Pump House Deli	ıge	145	0	YND		
				PIV Che	cks	,	
No.	1	System	Position	Cycled	Date		Comments
Harris Control			OR	-,	Cycled		
1	Maintenance Shop Dr						
2	Maintenance Shop Dr		old				
3	West Side Power Bloc	k by VS-3 # 9	ØIC	-		-	
4	West Side Power Bloc	k by VS-1 # 10	0/8				
5	West Side Cooling To	wer by VS-4 # 11	0/2			-	
6	West side Cooling To		Ø/C		-	-	
7	N.W. Corner Chemica		ØIC				
8	N.E. Corner Chemical		ØIC				
9	East Side W.T. by Mul	timedia Filters # 3	Ø1C				
10	East Side W.T. by Mul		Ø/C				
11	North Side Bldg 10 #		91C				
12	Between MP-444's an		ØIC				
13	West Side Power Blog	L Value Shed #1	dic				
10	Trest side i swell bloc		o Be Cycled Fir	st Saturo	lay of Ev	ery Month	
	10 10000 20000	ed Systemms Inspection Check			1		Comments / Actions
No.		an engenous rems inspection ("hec)	Y N D	,			Page 253 of 1228





Fire Pump Weekly Test Log **General Information** Date: Beta 🖫 Alpha 🛘 Plant: To be completed each time unit is operated. Maintenance Emergency Reason for running pumps: **Jockey Electric Pump** Mechanical & Valves 5 Electrical Feed D Pre-start Inspection: Check the jockey pump on pressure drop. Start up pressure: Discharge Pressure: Pump Discharge pressure: Pump Suction Pressure: 12 Comments: **Electric Pump** Mechanical I Valves 🕏 Electrical Feed 2 Pre-start Inspection: Start the pump on pressure drop. Start up pressure: Start time: (5) Pump Discharge pressure: 164 Pump Suction Pressure: 15 Total time running top time: Comments: **Diesel Pump** Valves Water Jacket Heater Mechanical D Oil I Pre-start Inspection: Coolant L Monthly Fuel Consumption: Fuel level > 2/3: Yes ☑ No 🗆 Battery Condition: Battery volt Crank 2: 24 Battery volt Crank 1: 76 Start time: Starting hour meter: Oil Pressure finish: Oil pressure start: (Pump Discharge pressure: Pump Suction Pressure: 15 Coolant temperature after 30 minutes running: Total time running: Stop hour meter: Stop time: / Comments: Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis). his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" urrent edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. te: Fuel consumption 27 gal/ h approximately.

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



lo.			Valve She				Comments
Vo.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	Valved	0/0		YOND	
2	SG Unit 2	B1-2	out	O/C		YOND	
3	Reheaters	B1-3	1	O/C		YONO	
4	Rack 2 West HTF	B1-4		O/C			
5	Rack 2 East HTF	B1-5		O/C		YONO	
6	North Steel Pro	B1-6		O/C		YOND	
7	HTF Pumps	B1-7		O/C		YOND	
8	HTF Heaters	B1-8		O/C		YDND	
9	South Steel Pro	B1-9		O/C		Y D N D	
10	Lube Oil	B1-10		O/C		Y D N D	
11	Turbine Hose Stations	B1-11	1 2	O/C		YOND	
12	Turbine Bearings	B1-12	V	O/C		YONO	
			Valve Sh	ed # 2 b	y Overflo	w	
No.		System	PSI .	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	valved	0/0	out	Y D N DY	
2	Ullage Area	B2-2		√ 0/C	/	YDND	
3	Ullage Structure	B2-11	165	1 0/C	V	YBND	
		82-5	162	V0/C	/	YOND	
4	Rack 1 Middle Area		190	√ 0/C	V	YOND	
5	Overflow Tanks	B2-9	143	O/C	1	YONE	
6	Rack 1 South Area	B2-6	Valved		out	YOND	
7	Rack 1 West	B2-7	180	VO/C	V	YDND	
8	Rack 1 North Area	B2-4	160	V 0/C	V		
9	Over flow AFFF	B2-8	160	V0/C	V	YDND	
10	Expansion Vessel AFFF	B2-3	165	VO/C	V	YEND	
		V	alve Shed # 3 b			trical Bldg	
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		165	V0/C	V-	YOND	
2	Transformer Main		160	VO/C		YND	
-		\	alve Shed # 4 b	y Coolin	g Tower \	Nest Side	
No.		System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Si	The state of the s	Valved		out	Y D N C	
	Transity tower west st	-	Valve Shed	# 5 by C	ontrol Blo	ig 10	
No		System	PSI	Viv. Pos.		Locked	Comments
No.	C	B4-5	111	V0/C	1/	YEND	
	Control Room Offices	B4-3	193	60/C		YDIND	
2		B4-4	100	10/C	-	YDND	
3	Electrical Room	Turbino Carin	kler Valves (The	oce are to	he locke	d in the open	nosition)
					De locke	u iii tiie open	Comments
No.		System	Locked	Viv. Pos.	-		Comments
1	Bearing 2		YW				
2	Bearing 3		YBND		1		
3	Bearing 4		YOUND				
4	Bearing 5		YOND	VO/C			
		HTF Delug	e System Valve	s (To be	Locked in	the Open Pos	sition)
No.		System	Locked	Viv. Pos.			Comments
1	MP-201		YEND	1 0/C			
2	MP-200A		YEND	10/C			
3	MP-200B		YDND	./Q/C			
4	MP-200C		YONO	1 DIC			
107.64	MP-200D		YEND	10/C			
5	IVIF -2000		Fire Pump	House D	eluge Sv	stem	
							#
No.		System	PSI	O/C	Locked	_	Comments
1	Fire Pump House Delu	ge	168	01	YEND		
	The state of the state of the	J-	1 400	PIV Che	cks		
			n		Date		Comments
No.		System	Position	Cycled	Cycled		Comments
1	Maintenance Shop Dri	ve Way #7	V O/C	NO			
2	Maintenance Shop Dr		0/0	1			
3	West Side Power Block	c by VS-3 # 9	V 0/C				
4	West Side Power Block	k by VS-1 # 10	0/C V				
5	West Side Cooling To	ver by VS-4 # 11	V0/C				
6	West side Cooling Tov		√ 0/C				
v	N.W. Corner Chemical		1 0/C				
7	N.E. Corner Chemical		√ 0/C		1		
7			V 0/C	+	+		
8		imedia Filters # 3	V 0/C	+	+		
8					1		
8 9 10	East Side W.T. by Mult						
8 9 10 11	East Side W.T. by Mult North Side Bldg 10 #	6	√ 0/C				
8 9 10	East Side W.T. by Mult North Side Bldg 10 # Between MP-444's and	6 d Water Treat # 4	√ 0/C 0/C √				
9 10 11	East Side W.T. by Mult North Side Bldg 10 #	6 d Water Treat # 4 k Valve Shed #1	√ 0/C 0/C √				
8 9 10 11 12	East Side W.T. by Mult North Side Bldg 10 # Between MP-444's and	6 d Water Treat # 4 k Valve Shed #1	√ 0/C 0/C √	rst Satur	day of Ev	ery Month	Comments / Actions



General In	formation
Plant: Alpha Beta	Date: 2/3/24
Operator: Sign Romaner	*To be completed each time unit is operated.
Reason for running/pumps: Weekly test / Maintenan	ce 🗆 Emergency 🗆
Jockey Elec	tric Pump
Pre-start Inspection: Electrical Feed 🗷 Mechanical	Valves, Valves
Check the jockey pump on pressure drop. Start up pressure:	155 ps7
Discharge Pressure: 1(5 ps)	1
Pump Suction Pressure: Pump	Discharge pressure: \((5 \pS)
Comments:	,
Electric	
Pre-start Inspection: Electrical Feed ✓ Mechanical	☑ Valves ☑
Start the pump on pressure drop. Start up pressure: 145	S)
Start time: 2310	
10 (13)	Discharge pressure: 165 p.S.1
Stop time: 2320 Total time runnin	a 10 Mins.
Comments:	
Diesel	Pump
Pre-start Inspection: Coolant □ Oil □ Mechanical	□ Valves □ Water Jacket Heater □
Fuel level > 2/3: Yes □ No □ Mont	nly 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: Pum	p Discharge pressure:
Coolant temperature after 30 minutes running:	
Stop time: Stop hour meter:	Total time running:
Comments:	
N/A LOW Frel	
Sulfur Concentrations (less than or equal to 0.0015% on a weight pe	
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing of hours necessary to comply with the testing requirements of the National Fire Protection Associat (current edition). The hours of operation for source testing will not be counted towards either of the a Note: Fuel consumption 27 gal/ h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	on (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"



			Valve She	ed # 1 by	Condens		/
1-		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	0	0/2	/	Y D N D	
2	SG Unit 2	B1-2	110	ok.	~	YONZ	
-		B1-3		p.f.	/	Y D NZ	Mosel.
3	Reheaters	B1-4	150	ok	-	Y D N D	
4	Rack 2 West HTF	B1-5	6	OIL	~	Y D N Z	
5	Rack 2 East HTF		155	0/2	-	YONZ	
6	North Steel Pro	B1-6	0	OR	~	Y D N Z	
7	HTF Pumps	B1-7		OZ	/	YONZ	
8	HTF Heaters	B1-8	110	OIZ	~	YOND	
9	South Steel Pro	B1-9	115	-	~		11000
10	Lube Oil	B1-10	90	DE		YONE	dosed
11	Turbine Hose Stations		110	PI		VINI	0080
12	Turbine Bearings	B1-12	V P CI	ed # 2 by	Overfloor	T L IN	UOSCO
							Comments
Vo.		System	PSI	Viv. Pos.	Signage	Locked	
1	Expansion Vessels	B2-1		0/1		YONZ	4070
2	Ullage Area	B2-2	160	Ø/C		Y N D	140
3	Ullage Structure	B2-11	140	Ø/C		YZ NO	
4	Rack 1 Middle Area	B2-5	175	DIC	レ	AND	
5	Overflow Tanks	B2-9	155	Ø/C	~	YZND	
6	Rack 1 South Area	B2-6	0	0/9	~		1800
7	Rack 1 West	B2-7	100	Ø/C	-	Y Z N D	
	Rack 1 West Rack 1 North Area	B2-4	170	ØIC	~	YZNO	
8	Over flow AFFF	B2-8	100	ØIC.	V	YZNO	
9			1/40	0/2	~	YZND	
10	Expansion Vessel AFFI	- 52-5 Val	ve Shéd # 3 b	v Blda 3	GE Elect		1
			PSI	Viv. Pos.	Signage	Locked	Comments
No.		System	155	Ø/C	Jigitage	Y D'N D	
1	Transformer Aux						
2	Transformer Main	Val	ve Shed # 4 b	v Coolin	Tower	Nest Side	
						vest side	Comments
No.		System	PSI	Viv. Pos.	Signage	YZND	
1	Cooling Tower West S	Side	100	Ø/C	X Die		140.
			Valve Shed		ontroi bit	ig io	Comments
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	Ø/C		YZ NO	
2	Offices	B4-3	160	D/C		YZ NO	
3	Electrical Room	84-4	11 01)	Ø/C		YOND	- M
		Turbine Sprinkl	er Valves (The	ese are to	be locke	d in the c	ppen position)
No.		System	Locked	Viv. Pos.			Comments
1	Bearing 2		YZNO				
2	Bearing 3		YZNO	Ø/C			
3	Bearing 4		YZN	Ø/C			
4	Bearing 5		YZNO	Ø/C			
-	Debring 5	HTF Deluge	System Valve	s (To be	Locked in	the Oper	n Position)
NI-		System	Locked	Viv. Pos.			Comments
No.	MD 201	2)3tem	Y D N Z				
	MP-201		YONZ				
2	MP-200A		YZNO				
3	MP-200B		YZNO				
4	MP-200C		YO NO		-		
5	MP-200D		Fire Pump	House D	elune Sur	stem	
					1 1 1 2 2 2 1 1 1 1 1		C-11111-1-1-1
No.		System	PSI	O/C	Locked		Comments
1	Fire Pump House Del	1100	200	0	YZNO		
_3	Fire Fulfip House Del	uge	1	PIV Chec			
			ASSOCIATE MINOR		Date		Comments
No.		System	Position	Cycled	Cycled		Comments
1	Maintenance Shop D	rive Way #7	0/2				
2	Maintenance Shop D		0/2				
3	West Side Power Blog		\$1C				
4	West Side Power Bloo		0/1				
	West Side Cooling To	ower by VS-4 # 11	0/2				
5	West side Cooling To	wer by VS-4 # 12	B/C	1			
6	N.W. Corner Chemica	Storage #1	Ø/C	+			
7			die	-			
	N.E. Corner Chemical	Storage # 2	Ø/C	+			
8	East Side W.T. by Mu	timedia Filters # 3	P	-			
9		Itimedia Filters # 5	\$1C				
	East Side W.T. by Mu						
9	North Side Bldg 10 #	6	9 //C				
9		6	9/0				
9 10 11	North Side Bldg 10 #	6 nd Water Treat # 4	910				
9 10 11 12	North Side Bldg 10 # Between MP-444's an	6 nd Water Treat # 4	9/0	rst Saturo	lay of Eve	ery Month	1 Comments / Actions



General Information
Plant: Alpha Date: 2/10/29
Operator: 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 p51
Discharge Pressure: ((05 ps)
Pump Suction Pressure: Pump Discharge pressure: (05 ps)
Comments:
Electric Pump
Pre-start Inspection: Electrical Feed Mechanical Valves V
Start the pump on pressure drop. Start up pressure: $145ps$
Start time: 1230
Pump Suction Pressure: 10 ps Pump Discharge pressure: 100 ps
Stop time: 2240 Total time running O 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:
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:
N/A LOW Full
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operate 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 nur 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 Syste (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)]



			Valve She	d # 1 by	Condense		erator Jose Garcia
		Contam	PSI	Viv. Pos.	Signage	Locked	Comments
o.		System		O/C	V	Y Z N 🗆	
1	SG Unit 1	B1-1		O/C	V	ABLUD	
2	SG Unit 2	B1-2		O/C	~	YPND	
3	Reheaters	B1-3		O/C	V	YZND	
4	Rack 2 West HTF	B1-4		O/C		YND	
5	Rack 2 East HTF	B1-5		O/C	-	YPND	
6	North Steel Pro	B1-6		O/C	V	A & N 🗆	
7	HTF Pumps	81-7		O/C	V	AND	
8	HTF Heaters	B1-8		0/0	~	YPND	
9	South Steel Pro	B1-9		0/0	/	YVND	
10	Lube Oil	B1-10		0/0	1	YEND	
11	Turbine Hose Stations	B1-11		0/C	V	YMND	
12	Turbine Bearings	B1-12	V. L. Ch	-d # 3 by	Overflor		
			The second secon			Locked	Comments
No.		System	PSI	Viv. Pos.	Signage	Y P N D	lots out
1	Expansion Vessels	B2-1		0/01	V		(040 041
2	Ullage Area	82-2		√ 0/C	V	YPND	
	Ullage Structure	B2-11		V 0/C	·	A SE NO	
3	Rack 1 Middle Area	B2-5		Y 0/C	V	YND	
4	Overflow Tanks	B2-9		V 0/C	~	YVIND	
5	0.70	B2-6		0/0	V	YZNO	loto out
6	Rack 1 South Area	B2-7		√ 0/C	V	Y N D	
7	Rack 1 West	B2-7		√ 0/C	V	A & N D	
8	Rack 1 North Area	B2-8		Y 0/C	V	YO NO	
9	Over flow AFFF	22.2		VO/C	1	YVZNO	
10	Expansion Vessel AFFF	B2-3	/alve Shed # 3 b	v Blda 35	GE Elect	rical Bldg	
			PSI PSI	Viv. Pos.	Signage	Locked	Comments
No.		System	0	0/0	Jigitage	YEND	10+0 04+
1	Transformer Aux		150	1/0/C	1	YZNO	* 17
2	Transformer Main		/alve Shed # 4 b	Cooling	Tower		
						vest side	Comments
No.		System	PSI	Viv. Pos.	Signage	YND	
1	Cooling Tower West S	ide	160	O/C			
			Valve Shed			Locked	Comments
No.		System	PSI	Viv. Pos.	Signage	Y IZ N 🗆	Commence
1	Control Room	B4-5	160	V,0/C	V /		
2	Offices	B4-3	160	√ ,0/C	V	Y M N D	
3	Electrical Room	B4-4	160	√ 0/C	V	AND	
		Turbine Sprin	nkler Valves (The	se are to	be locke	d in the o	pen position)
No.		System	Locked	Viv. Pos.			Comments
1	Bearing 2		Y M N				
2	Bearing 3		Y R N 🗆	V 0/C			
3	Bearing 4		YEND	V 0/C			
4	Bearing 5		YWND	V 0/C			
4	bearing 5	HTF Delu	ge System Valve	s (To be	Locked in	the Open	Position)
**		System	Locked	Viv. Pos.			Comments
No.	140, 201	System	YVND				
1	MP-201		YWND				
2	MP-200A		YZND				
3	MP-200B		YVND	V 0/C	-		
4	MP-200C						
5	MP-200D		Y N D	House D	aluga Cur	tom	
			Fire Pump			tem .	
No.	_	System	PSI	O/C	Locked		Comments
11000000	Fire Pump House Deli		190	open	YND		
1	Inte rump House Dell	ryc .	710	PIV Chec	ks		
		21.8			Date		Comments
No.		System	Position	Cycled	Cycled		Comments
1	Maintenance Shop Dr	ive Way #7	0/0		2-10		
2	Maintenance Shop Dr		V O/C		2.10		
3	West Side Power Bloc		10/C.		2-10		
4	West Side Power Bloc	k by VS-1 # 10	0/0		2-10	Loto	out
5	West Side Cooling To	wer by VS-4 # 11	0/0	•	2 - 10		
6	West side Cooling To	wer by VS-4 # 12	V 0/C		2.10	1	
7	N.W. Corner Chemica	Storage #1	0/C V		2.10	3	
	N.E. Corner Chemical	Storage # 2	VO/C		2.10		
8			V0/C		2.10		
9	East Side W.T. by Mul		V0/C		2.10		
10	East Side W.T. by Mul		VO/C		2.10		
11	North Side Bldg 10 #			-		-	
12	Between MP-444's an		0/C V		2-10	NI	1
13	West Side Power Bloc	k Valve Shed #1	0/0	-	au of F	DY MACHE	~
			To Be Cycled Fir	st Saturo	ay of Eve	ry wonth	Comments / Actions
			Debris Debris				



General Information				
Plant: Alpha ☑ Beta □	Date: 2/17/29			
Operator: Diemo Commune	*To be completed each time unit is operated.			
Reason for running pumps: Weekly test / Maintenance	e 🛘 Emergency 🗆			
Jockey Elect				
Pre-start Inspection: Electrical Feed 🗵 Mechanical	Valves Ø			
Check the jockey pump on pressure drop. Start up pressure: /	55 ps1			
Discharge Pressure: (05 VS)	<i>I</i> .			
Pump Suction Pressure: Pump	Discharge pressure: (65ps)			
Comments:	1			
Electric I	Pump			
Pre-start Inspection: Electrical Feed / Mechanical / Valves /				
Start the pump on pressure drop. Start up pressure: 145	051			
Start time: 2 5()				
Pump Suction Pressure: 0 pS1 Pump D	Discharge pressure: /(SpS/			
Stop time: 2200 Total time running	10 Mins.			
Comments:				
Diesel F				
Pre-start Inspection: Coolant ☐ Oil ☐ Mechanical				
Tuchiere E/e.	y Fuel Consumption:			
buttery voit craim !!	Battery Condition:			
Starting floar meter.	Start time:			
On pressure start.	il Pressure finish:			
Pump Suction Pressure: Pump Discharge pressure:				
Coolant temperature after 30 minutes running:				
Stop time: Stop hour meter: Total time running:				
Comments:				
N/A LOW Fuel				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).				
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/ h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]				



Automated Fire Systems Inspection Checklist

Plant: ALPHA & BETA: Date: 2-16-24 Operator Jose Garcia Valve Shed # 1 by Condenser Comments Locked Viv. Pos. | Signage No. System O/C V SG Unit 1 YZNO ŏ O/C V D B1-3 Reheaters 0/0 YND Rack 2 West HTF 0 4 YNND O/C V Rack 2 East HTF B1-5 D 0 North Steel Pro B1-6 Y D, N D O/C V 0 HTF Pumps 0/C V B1-8 D 8 HTF Heaters 9 South Steel Pro Y N N O 0/0 1 B1-10 0/C V Turbine Hose Stations B1-11 O Turbine Bearings Valve Shed # 2 by Overflow Comments Viv. Pos. Signage Locked System No. lots out 0 Expansion Vessels D B2-2 Ullage Area 0 Ullage Structure V 0/C V Δ Rack 1 Middle Area Overflow Tanks B2-9 YVND 10 to out Rack 1 South Area N N D NO Rack 1 West Rack 1 North Area 8 Y D N D Ø Over flow AFFF Expansion Vessel AFFF B2-3 Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments PSI Viv. Pos. Signage Locked System No YDNO out O/C V 10+0 0 Transformer Aux Valve Shed # 4 by Cooling Tower West Side Transformer Main Comments PSI Viv. Pos. Signage No. System Valve Shed # 5 by Control Bldg 10 Cooling Tower West Side Comments Locked Viv. Pos. Signage PSI No. System 176 V 0/0 170 V 0/0 YZNO B4-5 Control Room YZ NO Electrical Room Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viy. Pos.

Y ☑ N □ V O/C

Y ☑ N □ V O/C No System Bearing 2 Bearing 3 Bearing 4 4 Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Comments System No. MP-201 MP-200A MP-200B MD-2000 MP-200D Fire Pump House Deluge System Locked Comments System No. NO O Y 190 1800 Fire Pump House Deluge Comments Position Cycled 0/0 1 Maintenance Shop Drive Way #7 0/0 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 10to out 0/0 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 1 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 10 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4 West Side Power Block Valve Shed #1 To Be Cycled First Saturday of Every Month Comments / Actions G70 MP 0040 MT-FOR-000027 Automated SYSTEMs Inspection Checklist
1 Transformer Yard Refuse Check Page 261 of 14228 IT FOR 000027 NO

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General Information				
Plant: Alpha ☑ Beta □	Date: 2/24/24			
Operator: Diegio Rodn'inver	*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: 15	5 ps/			
Discharge Pressure: 165 ps /	/			
Pump Suction Pressure: Pump Di	scharge pressure: /65 p5 ?			
Comments:	,			
Electric Pu				
Pre-start Inspection: Electrical Feed Mechanical	Valves.∕⊠			
Start the pump on pressure drop. Start up pressure: 45 ps				
Start time: 1234	1			
Pump Suction Pressure: 10 ps Pump Dis	charge pressure: (OSPS)			
Stop time: 2244 Total time running	10 Mins			
Comments:				
Diesel Pu				
Pre-start Inspection: Coolant □ Oil □ Mechanical □	Valves □ Water Jacket Heater □			
7	Fuel Consumption:			
buttery voic craims in	Battery Condition:			
Starting flour meter.	Start time:			
Oil pressure start.	il Pressure finish:			
Pump Suction Pressure: Pump Discharge pressure:				
Coolant temperature after 30 minutes running:				
Stop time: Stop hour meter: Total time running:				
Comments:				
N/A LOW Fuel.				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).				
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/ h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]				



Automated Fire Systems Inspection Checklist

Plant: ALPHA & BETA: Date: 2-24-24 Operator Jose 4. Valve Shed # 1 by Condenser Comments Locked Viv. Pos. Signage System No. D SG Unit 1 YNN 0 Ô B1-3 Reheaters YNO 0/C V Rack 2 West HTF B1-4 0/0 🗸 Rack 2 East HTF YND 0 North Steel Pro Y Ø N D 0/C V HTF Pumps 0/0 B1-8 HTF Heaters O/C South Steel Pro B1-9 Y D N D Lube Oil Turbine Hose Stations 0/C V Turbine Bearings Valve Shed # 2 by Overflow Comments Viv. Pos. Signage Locked System Y NO No. loto out 0/C V V 0/C V 0/C Expansion Vessels B2-2 Ullage Area Y O N O B2-11 Ullage Structure V 0/C B2-5 Rack 1 Middle Area Y N D B2-9 Overflow Tanks Y D N D loto out Rack 1 South Area 6 Rack 1 West YZND Rack 1 North Area YMND B2-8 Over flow AFFF YMND Expansion Vessel AFFF 82-3 Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments Viv. Pos. Signage Locked PSI YZNO No. System loto out O/CV 0 Transformer Aux V 0/0 Valve Shed # 4 by Cooling Tower West Side Transformer Main Comments Viv. Pos. Signage PSI No. Valve Shed # 5 by Control Bldg 10 Cooling Tower West Side Comments Viv. Pos. Signage Locked PSI System No. YND UD Control Room 10/ 40 B4-3 Y Z N D Turbine Sprinkler Valves (These are to be locked in the open position) Electrical Room Comments Locked Viv. Pos. System No. Bearing a NO VO Bearing 3 Y V N D VO Bearing 4 Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Locked Viv. Pos. No. MP-201 V N D V O/O MP-200A MP-200B YV NO VO/O MP-200D Fire Pump House Deluge System Comments System Fire Pump House Deluge **PIV Checks** Comments Position No. Cycled Maintenance Shop Drive Way # Maintenance Shop Drive Way #8 V 0/C West Side Power Block by VS-3 # 9 loto out 0/0 West Side Power Block by VS-1 # 10 V 0/C V West Side Cooling Tower by VS-4 # 1 West side Cooling Tower by VS-4 # 12 0/01 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4 West Side Power Block Valve Shed #1 To Be Cycled First Saturday of Every Month Comments / Actions GTO NO 040 MT FOR 000027 Automated Systems Inspection Checklist

Transformer Yard Refuse Check Debris Page 263 of 1228 1T FOR 0000 27

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General Information				
Plant: Alpha □ Beta □	Date: 2/3/24			
Operator: Anthony	*To be completed each time unit is operated.			
Reason for running pumps: Weekly test V Maintenanc	e 🗆 Emergency 🗆			
Jockey Electr	ric Pump			
Pre-start Inspection: Electrical Feed Mechanical !	Valves 🖭			
Check the jockey pump on pressure drop. Start up pressure: 15	5			
Discharge Pressure: 163				
Pump Suction Pressure: — Pump	Discharge pressure: —			
Comments:				
Electric F				
Pre-start Inspection: Electrical Feed Mechanical	Valves 🗗			
Start the pump on pressure drop. Start up pressure: 145				
Start time: 1922				
	ischarge pressure: 150			
Stop time: 1032 Total time running	lomin			
Comments:				
Diesel P	/ /			
Pre-start Inspection: Coolant 🗹 Oil 🔽 Mechanical 🖟				
	y Fuel Consumption:			
	Battery Condition: (700)			
	Start time: 1939			
Oil pressure start: Oil Pressure finish: 3				
Pump Suction Pressure: 20 Pump Discharge pressure: 15				
Coolant temperature after 30 minutes running: 263				
Stop time: 1949 Stop hour meter: 134,7 Total time running: 14 min				
Comments: 0:1 leak above cooling water line, Overheated @ 202 after 14 min				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).				
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.				
There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]				



Caleb Souards				Valve She		
Comments	Locked	Signage	Viv. Pos.	PSI ,	C	
	Y D N D	Signage	O/C		System	0.
	YDND		0/0	valved	G Unit 1 B1-1	1
	YOND		0/0	out	G Unit 2 B1-2	2
	YDND				Reheaters B1-3	3
	YOND		0/C		Rack 2 West HTF B1-4	4
			0/0		Rack 2 East HTF 81-5	5
	YOND		O/C		North Steel Pro B1-6	6
	Y D N D		O/C		HTF Pumps B1-7	7
	YDND		O/C		HTF Heaters B1-8	8
	YOND		0/0		South Steel Pro B1-9	9
	YOND		O/C			
	YOND		O/C	-	0.00	10
	YONO		O/C	4/	Furbine Hose Stations B1-11	11
		Overflov		Valve Ch	Furbine Bearings B1-12	12
Comments						
Comments	Locked	Signage	Viv. Pos.	PSI	System	No.
		Out	9/CV	valved	Expansion Vessels B2-1	1
	YEND	/	VO/C	120	Jllage Area B2-2	2
	YDN		V0/C	185	Jllage Structure B2-11	3
	YEND		V 0/C	160	Rack 1 Middle Area B2-5	4
	YUND		V 0/C	156	Overflow Tanks B2-9	5
	YEND	out		Walnud	Rack 1 South Area B2-6	6
	YOND		V.0/C	190		7
	YEND	/	V_0/C	Valved 169	Rack 1 West B2-7 Rack 1 North Area B2-4	
	YEND	1/	V 0/C	194	To division to the control of the co	8
	YEND	-		165		9
		CEFlort	V 0/C	165	Expansion Vessel AFFF B2-3	10
Comments	ricai biug			Shed # 3 b	Valv	
Comments	Locked	Signage	Viv. Pos.	PSI	System	No.
	YEND	~	√ 0/C		Fransformer Aux	1
	YOUND	V	V 0/C	170	Transformer Main	2
	Vest Side	g Tower V	y Cooling	170 Shed # 4 b	Valv	
Comments		Signage	Viv. Pos.	PSI A	System	No.
	YDND	out	O/C	Valved	Cooling Tower West Side	1
	g 10	ontrol Bld	# 5 by Co	/alve Shed	County Tower West Side	
Comments	Locked	Signage	Viv. Pos.	PSI	Sustam	
	YEND	-	VO/C	165	System	No.
	YDND		VO/C		Control Room B4-5	1
	YDND			170	Offices 84-3	2
nosition)	d in the open n	bo locks	V O/C	160	Electrical Room B4-4	3
Josition)	a iii the open p	De locke	se are to	vaives (The	Turbine Sprinkle	
Comments			Viv. Pos.	Locked	System	No.
				YEND	Bearing 2	1
			101C	YEND	Bearing 3	2
			VO/C	YPND	Bearing 4	3
			-/O/C	YNN	Dandon E	4
ition)	the Open Posi	ocked in	(To be	stem Valves	HTF Deluge S	4
Comments			Viv. Pos.	Locked	-	
1.30-1.00-1.00-1.00-1.00-1.00-1.00-1.00-			10.103.	Y D N	System	No.
				YDND	MP-201	1
					MP-200A	2
				YDVND	MP-200B	3
				YOND	MP-200C	4
			10/C	YND	MP-200D	5
	tem	eluge Sys	House D	Fire Pump		
Comments		Locked	O/C	PSI	System	No
		YND	1	11. 700		No.
			DIV	167	Fire Pump House Deluge	1
			PIV Chec			
Comments		Date	Cycled	Position	System	No.
		Cycled		1 0/C		
					Maintenance Shop Drive Way #7	1
				0/0	Maintenance Shop Drive Way #8	2
				1 0/C	West Side Power Block by VS-3 # 9	3
				0/0	West Side Power Block by VS-1 # 10	4
				VO/C	West Side Cooling Tower by VS-4 # 11	5
				V0/C	West side Cooling Tower by VS-4 # 12	6
				1 0/C	N.W. Corner Chemical Storage #1	7
				VO/C	N.E. Corner Chemical Storage # 2	8
				1 0/C	East Side W.T. by Multimedia Filters # 3	
				VO/C	Edst Side W.T. by Multimedia Filters # 5	9
			-	Voic	East Side W.T. by Multimedia Filters # 5	10
				V O/C	North Side Bldg 10 # 6	11
				0/0	Between MP-444's and Water Treat # 4	12
				VO/C	West Cide Dewes Block Value Shed #1	13
	ry Month	av of Evo	st Saturo	Cycled Fir	To	-
	y momen	ay of Lve	Je Jucui o			
Comments / Actions Page 265 of 1228	.,	ay or Eve	Julia	Debris	MI_FOR_000027 Automated System inspection Checklist	No





General Inf	ormation					
	Date: 2/11/24					
Plant: Alpha 🗆 Beta 🖭	*To be completed each time unit is operated.					
Operator: Anthony						
Reason for running pumps: Weekly test Maintenan						
Jockey Electric Pump Nechanical Valves Valves						
Pre-start Inspection.						
Check the jockey pump on pressure drop. Start up pressure:	77					
Discharge Pressure: 163	Discharge pressure: —					
Pump Suction Pressure: Pump	o Discharge pressure.					
Comments:						
Electric	Pump					
N. S. M. Sanisal						
Pre-start Inspection: Electrical Feed Wechanical Mechanical Start the pump on pressure drop. Start up pressure: 145						
Start time: 22 3						
Page 1997	Discharge pressure: 1万〇					
Pump Suction Pressure.						
Stop time. CC 23						
Comments:						
Diesel	Pump					
Pre-start Inspection: Coolant Oil Mechanica	Valves Water Jacket Heater					
Fuel level > 2/3: Yes No Mont	hly Fuel Consumption: —					
Battery volt Crank 1:26 Battery volt Crank 2: 24	Battery Condition: Good					
Starting hour meter: 34 7	Start time: 2226					
Oil pressure start: \	Oil Pressure finish: 27					
Pump Suction Pressure: 20	p Discharge pressure:/50					
Coolant temperature after 30 minutes running: 212 after 16 min						
Stop time: 2241 Stop hour meter: 13	1.9 Total time running: 16 min					
Comments:						
Confinence.						
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).						
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated nor his new direct drive fire pump engine shall not be operated more than the number						
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 design and Maintenance of Water Based Fire Systems" 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)]						
There is no limit on engine operation for emergency use. [Title 17 CCR 33-13-MORTH]						



		Plant: ALPHA 🗆 📗	Valve She	d # 1 by	Condens		perator Edrain
			PSI PSI	Viv. Pos.	Signage	Locked	Comments
No.	2200 1 2	System	0	0/0	Jigilage	Y D NQ	
1	SG Unit 1	B1-1	0	0/0	V	Y D NO	
2	SG Unit 2	B1-2		0/0 \$	7	V D N D	
3	Reheaters	B1-3	0	0/C X	V	Y D N D	
4	Rack 2 West HTF	B1-4	ð	0/C X	7	Y D NYD	
5	Rack 2 East HTF	B1-5	8	0/C X	<i>y</i> ,	Y D N	
6	North Steel Pro	81-6	0	0/C ×	V		
7	HTF Pumps	B1-7	0	0/0 >	J	Y D N D	
8	HTF Heaters	B1-8	0	0/0 ×	1	A D N Z	
9	South Steel Pro	B1-9	0	0/0 >	4	A \square N \square	
10	Lube Oil	B1-10	O	0/0 🗙	4	NO NO	1000
11	Turbine Hose Stations	B1-11	0	0/0 🗴	4	A Ó N 🗆	
12	Turbine Bearings	B1-12	0	0/C X	J	YN NO	1010
12	Turblile bearings	DITIE	Valve Sh	ed # 2/by	Overflow	N	
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
	Expansion Vessels	B2-1	PSI	0/0	V	YZ NO	1000
1		B2-2	0	J 0/C	J	YZNO	
2	Ullage Area		_	J 0/C	1	YEND	
3	Ullage Structure	B2-11	0	J.0/C	J	YEND	
4	Rack 1 Middle Area	B2-5	0	10/0	J	YZNO	
5	Overflow Tanks	B2-9	0			YZNO	1, 1,
6	Rack 1 South Area	B2-6	0	0/0×	v	YZNO	10 70
7	Rack 1 West	B2-7	0	J 0/C	1		
8	Rack 1 North Area	B2-4	00	1,0/C	1	YZND	
9	Over flow AFFF	B2-8		√ O/C	J.	YZND	
10	Expansion Vessel AFFF	B2-3	0	√ 0/C		Y DY N D	
10	peripolitical vesses surviv	Valve	Shed # 3 b	y Bldg 3	GE Elect	rical Bldg	
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	5,510	11.0	V 0/C	0	Y NO	
2	Transformer Main		160	10/0	1	YZNO	
- 2	Transformer Main	Valve	Shed # 4 b	v Cooline	Tower V	Vest Side	
			PSI	Viv. Pos.	Signage		Comments
No.	- II - III - C	System	()	0/0		YND	1010
1	Cooling Tower West S	de	alve Shed	# 5 by C	entrol Blo	la 10	1079
				" J Dy Co	Signage	Locked	Comments
No.		System	PSI	VIV. POS.	Signage	YPND	
1	Control Room	B4-5	155	V,0/C	1	Y D, N D	
2	Offices	B4-3	155	Jp/c	1		
3	Electrical Room	B4-4	155	JO/C	V .	Y N D	
		Turbine Sprinkler	Valves (The	ese are to	be locke	d in the o	pen position)
No.		System	Locked	Viv. Pos.			Comments
1	Bearing 2		YEND	,D/C	_		
2	Bearing 3		YZNO	1010			
3	Bearing 4		VZ NO	DIC			
			YOUND				
4	Bearing 5	HTF Deluge Sys	tem Valve	s (To be	Locked in	the Oper	n Position)
			Locked	Viv. Pos.			Comments
No.		System	V.E. N 🗆				p Transferrance
1	MP-201						
2	MP-200A		YZ NO		-		
3	MP-200B		YEND	10/0			
4	MP-200C		VEND				
5	MP-200D		YDNO	- O/C			
	- T - C - C - C - C - C - C - C - C - C		Fire Pump	House D	eluge Sys	tem	
		THE CONTROL OF	PSI	O/C	Locked		Comments
No.		System		1	YAO NO	-	
1	Fire Pump House Delu	ige	170	DW / -			
				PIV Che		-	
No		System	Position	Cycled	Date		Comments
No.					Cycled		
1	Maintenance Shop Dr		0/0 🗙				
2	Maintenance Shop Dr		V 0/C				
3	West Side Power Bloc	k by VS-3 # 9	v 0/C			1.1.	
4	West Side Power Bloc	k by VS-1 # 10	0/0 🗙			lote	
	West Side Cooling To	wer by VS-4 # 11	0/0 >				
5	West side Cooling To	wer by VS-4 # 12	V 0/C				
5	TANEST PION COOLING TO		0/0 ×				
5	N.W. Corner Chemica	Storage #1					
5 6 7	N.W. Corner Chemica	Storage #1					
5 6 7 8	N.W. Corner Chemical	Storage #1	J 0/C				
5 6 7 8 9	N.W. Corner Chemica N.E. Corner Chemical East Side W.T. by Mul	Storage #1 Storage # 2 timedia Filters # 3	J 0/C				
5 6 7 8 9	N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Mul East Side W.T. by Mul	Storage #1 Storage # 2 timedia Filters # 3 timedia Filters # 5	√ 0/C √ 0/C 0/C×				
5 6 7 8 9 10	N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Mul East Side W.T. by Mul North Side Bldg 10 #	Storage #1 Storage # 2 timedia Filters # 3 timedia Filters # 5	J 0/C V 0/C 0/C×				
5 6 7 8 9	N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Mul East Side W.T. by Mul North Side Bldg 10 # Between MP-444's an	Storage #1 Storage # 2 timedia Filters # 3 timedia Filters # 5 6 d Water Treat # 4	J 0/C V 0/C 0/C X V 0/C /0/C X				
5 6 7 8 9 10	N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Mul East Side W.T. by Mul North Side Bldg 10 #	Storage #1 Storage # 2 timedia Filters # 3 timedia Filters # 5 6 d Water Treat # 4	J 0/C V 0/C 0/C X V 0/C V 0/C			Manalla Manall	
5 6 7 8 9 10 11	N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Mul East Side W.T. by Mul North Side Bldg 10 # Between MP-444's an	Storage #1 Storage # 2 timedia Filters # 3 timedia Filters # 5 6 d Water Treat # 4	J 0/C V 0/C 0/C X V 0/C V 0/C Cycled Fin		day of Eve	ery Month	
5 6 7 8 9 10 11 12 13	N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Mul East Side W.T. by Mul North Side Bldg 10 # Between MP-444's an West Side Power Block	Storage #1 Storage #2 Storage #2 timedia Filters #3 timedia Filters #5 6 d Water Treat #4 k Valve Shed #1	J 0/C V 0/C 0/C X V 0/C / 0/C X O/C X Debris	rst Saturo	day of Eve	ery Month	Comments / Actions
5 6 7 8 9 10 11 12 13	N.W. Corner Chemical N.E. Corner Chemical East Side W.T. by Mul East Side W.T. by Mul North Side Bldg 10 # Between MP-444's an West Side Power Block	Storage #1 Storage #2 Storage #2 timedia Filters #3 timedia Filters #5 6 d Water Treat #4 k Valve Shed #1 To Be	J 0/C V 0/C 0/C X V 0/C V 0/C Cycled Fin	rst Saturo	day of Eve	ery Month	n Comments / Actions Page 267 of 4228



General Information	
Plant: Alpha \square Beta \triangle Date: $2 - 19 - 29$	
Operator: Esta 'y *To be completed	d 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: (6)	
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: 6643	
Pump Suction Pressure: 25 ps Pump Discharge pressure: (50 ps)	
Stop time: 0053 Total time running (0 mig	
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 1:76 Battery volt Crank 2: 25 Battery Condition: 600	
Starting hour meter: 13 4, 9 Start time: 0 0 55	
Oil pressure start: $2p51$ Oil Pressure finish: 28	
Pump Suction Pressure: 25 Pump Discharge pressure: (55	
Coolant temperature after 30 minutes running: 203 after 14 min	
	unning: 14 mig
Comments: Charge que locher alarm after 14 min	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water 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, to of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, To (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)]	nis engine shall not be operated more than the number



			Valve Sh	ed # 1 by	Condens	er	perator Anthony
No.		System	P\$I	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1		O/C		Y D N D	Loto on PIV 10
2	SG Unit 2	B1-2		O/C		Y D N D	
3	Reheaters	B1-3		O/C		Y D N D	
4	Rack 2 West HTF	B1-4		O/C	_	Y D N D	
5	Rack 2 East HTF	B1-5		O/C		Y D N D	
6	North Steel Pro	B1-6		O/C		Y D N D	
7	HTF Pumps	B1-7		O/C		Y D N D	
8	HTF Heaters	B1-8		O/C		Y D N D	
9	South Steel Pro	B1-9		O/C		Y D N D	
		B1-10		O/C		YDND	
10	Lube Oil	B1-11		O/C		YOND	
11	Turbine Hose Stations	B1-12	- + +	O/C		YONO	
12	Turbine Bearings	B1-12	Valve Sh		y Overflo	W	
		- Custom	PSI	Viv. Pos.	Signage	Locked	Comments
No.	F 1 1/2 1/2	System	F 51	0/0	Jiginge	YEND	V0+6
1.	Expansion Vessels	B2-1	165	107C	1	YDND	- / 0
2	Ullage Area	B2-2		10/C	V	YDNO	
3	Ullage Structure	B2-11	160	10/C	-	YONO	
4	Rack 1 Middle Area	B2-5	165		-	YDND	
5	Overflow Tanks	B2-9	160	VO/C	-	YONO	1 010
6	Rack 1 South Area	B2-6		0/0	V	VOALE	LOTO
7	Rack 1 West	B2-7	160	NOTC	V	YOND	
8	Rack 1 North Area	B2-4	160	POTC	V	YDND	
9	Over flow AFFF	B2-8	165	VO/C	1	YEND	
10	Expansion Vessel AFFF	B2-3	165	VOIC		YOND	
	1 = 0.00	V	alve Shed # 3 b	y Bldg 3		trical Bldg	
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		165	VO/C	V	YEND	
2	Transformer Main		160	LOTO		YDV	The state of the s
	Transformer man	V	alve Shed # 4 b	y Coolin	g Tower \	West Side	
No.	1	System	P\$I	Viv. Pos.	Signage		Comments
1	Cooling Tower West S			O/C		YD ND	4010
	pedding tower wests		Valve Shed	# 5 by C	ontrol Blo	ig 10	
No.	T	System	IZG	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	V 9/C		YDNO	
	Offices	B4-3	160	VOIC		YEND	
2	- Inches	B4-4	1/0	V6/C	-/	YND	
3	Electrical Room	Turbine Sprint	der Valves Th	ese are to	he locke	d in the o	pen position)
					De locke	a iii tiic o	Comments
No.		System	Locked	Viv. Pos.			
1	Bearing 2		YOUND		-		
2	Bearing 3		YOND		-		
3	Bearing 4		VEND	VOIC	-		
4	Bearing 5		YDNO	10/C	Carles d'In	the One	n Docition)
		HTF Delug	e System Valve	es (To be	Locked II	the Oper	Comments
No.		System	Locked	Viv Pos.			Comments
1	MP-201		YDND				
2	MP-200A		YD NO				
3	MP-200B		YDNO	V v			
4	MP-200C		YOUNG	6/0			
5	MP-200D		YBND	1810			
-			Fire Pump	House D	eluge Sys	stem	
		Contain	PSI	O/C	Locked		Comments
No.		System		open	Y ID N D		
1	Fire Pump House Delu	ıge	180				
				PIV Che	Date	T	- Manager 200 - 10
No.		System	Position	Cycled	Cycled		Comments
1	Maintenance Shop Dr		O/C		214144		
	Maintenance Shop Dr		0/0				
2			1-0/0				
3	West Side Power Bloc		0/0 1	-			
4	West Side Power Bloc				-		
5	West Side Cooling To		1 000	_			
6	West side Cooling To	wer by VS-4 # 12	V0/C		-	-	
7	N.W. Corner Chemica	Storage #1	0/0		-	-	
8	N.E. Corner Chemical	Storage # 2	10/C				
	East Side W.T. by Mul	timedia Filters # 3	V0/C				
	East Side W.T. by Mul	timedia Filters # 5	1/0/C				
9			VOIC				
9							
9 10 11	North Side Bldg 10 #		0/0				
9 10 11 12	North Side Bldg 10 # Between MP-444's an	d Water Treat # 4	0/0				
9 10 11	North Side Bldg 10 #	d Water Treat # 4	0/0	rst Sature	day of Eve	ery Month	
9 10 11 12 13	North Side Bldg 10 # Between MP-444's an West Side Power Bloc	d Water Treat # 4	O/C O/C To Be Cycled Fi	rst Saturo	day of Eve	ery Month	n Comments / Actions Page 269:of:4228





General Inf	ormation
Plant: Alpha 🗆 Beta 🌌	Date: 2/25/24
Operator: For h Muchs	*To be completed each time unit is operated.
Reason for running pumps: Weekly test Maintenan	ce 🗆 Emergency 🗆
Jockey Elec	tric Pump
Pre-start Inspection: Electrical Feed Mechanical	Valves B
Check the jockey pump on pressure drop. Start up pressure: l	55
Discharge Pressure: (6 8	
Pump Suction Pressure: — Pump	Discharge pressure:
Comments:	
Electric	
Pre-start Inspection: Electrical Feed Mechanical	- Valves-
Start the pump on pressure drop. Start up pressure: 143	
Start time: 2258	2. 1
varie sacretic Co vo i	Discharge pressure: 155 ps;
Stop time: Total time running	g
Comments:	
Diesel	Pump
Pre-start Inspection: Coolant Oil Mechanical	Valves Water Jacket Heater
ACCURAGE SERVICE OF THE SERVICE OF T	nly Fuel Consumption:
Battery volt Crank 1: 26 Battery volt Crank 2:24. 5	Battery Condition: Cond
Starting hour meter: 35.	Start time: 2310
Oil pressure start:	Oil Pressure finish:
Pump Suction Pressure: 25 PS' Pump	o Discharge pressure: 135/ 5 '(
Coolant temperature after 30 minutes running: 203 aSA	
Stop time: 2324 Stop hour meter: 135	
Comments: Charge air cooler alara @ 14 min in	
Sulfur Concentrations (less than or equal to 0.0015% on a weight pe	r weight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing of hours necessary to comply with the testing requirements of the National Fire Protection Associati (current edition). The hours of operation for source testing will not be counted towards either of the a Note: Fuel consumption 27 gal/ h approximately.	as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated and compliance demonstrations. Additionally, this engine shall not be operated more than the num ion (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Syster
There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	



			ed # 1 by				C	
No.	System	PSI	Viv. Pos.	Signage	Locked		Comments	
1	SG Unit 1 B1-1		0/0		Y D N D	01115	Voled	00+
2	SG Unit 2 B1-2		0/0		YOND	PIV IS	Voice	001
3	Reheaters B1-3		0/0		YOND			
4	Rack 2 West HTF B1-4				YOND			
5	Rack 2 East HTF B1-5		0/0					
6	North Steel Pro B1-6		0/0		YONO			
7	HTF Pumps B1-7		0/0		Y D N D			
8	HTF Heaters B1-8		0/0		Y D N D			
9	South Steel Pro B1-9		0/0		Y D N D			
10	Lube Oil B1-10		O/C		A D M D			
11	Turbine Hose Stations B1-11		O/C		Y D N D			
12	Turbine Bearings B1-12		O/C		Y D N D			
12	Taronic ocarings	Valve S	hed # 2 b	v Overflo	w			
No.	System	PSI	Viv. Pos.	Signage	Locked		Comments	
1	Expansion Vessels B2-1	1	O/C	- 5	YOND	Loto		
2		1710	1/6/C	1/	YOND			
2		1,10	10/C	1/	YDNO			
3	Ullage Structure B2-11	160	VOIC	1	YDND			
4	Rack 1 Middle Area B2-5	165		V	YDND			
5	Overflow Tanks B2-9	165	√0/C		VD ND	1010		
6	Rack 1 South Area B2-6	V	0/0		YOND	V0+0		
7	Rack 1 West B2-7	170	VOIC	V,	YDND			
8	Rack 1 North Area B2-4	160	VD/C	1	YDND			
9	Over flow AFFF B2-8	160	Vp/c	V,	A DA NO			
10	Expansion Vessel AFFF B2-3	11/	1/OIC		YOND			
		Valve Shed # 3	by Bldg 3	5 GE Elec	trical Bldg	3		
No.	System	PSI	Viv. Pos.	Signage	Locked		Comments	
1	Transformer Aux	165	VQ/C	V	YONO			
2	Transformer Main	160	VOIC	V	YZND			
-	Transformer Walli	Valve Shed # 4	by Coolin	g Tower	West Side	_		
No	System	PSI	Viv. Pos.	Signage			Comments	
No.	Cooling Tower West Side		O/C		YOND	1010		
	Cooling Tower West Side	Valve Shed	# 5 by C	ontrol Blo	dq 10			
	Custom	PSI	Viv. Pos.	Signage	Locked		Comments	
No.	System		VOIC	1/	YDND			
1	Control Room B4-5	160	1/0/0	1	YOND			
2	Offices B4-3	160	10/0	V	YONO			
3	Electrical Room B4-4	nkler Valves (Th	oso are to	he locks	d in the	nen position)		
				De locke	u iii tiic t	Comme	nts	
No.	System	Locked	Viv. Pos.			Comme	iici	
1	Bearing 2	YONE	2.5527.025					
2	Bearing 3	YONE	With the same					
3	Bearing 4	YDNE						
4	Bassing E	YDNE	3 O/C					
	HTF Delu	ge System Valv	es (To be	Locked in	the Ope	n Position)		
No.	System	Locked	Viv. Pos.			Comme	nts	
1	MP-201	YONE	3 O/C					
2	MP-200A	YONE						
		YONE						
3	MP-200B	YONE						
4	MP-200C	YONE						
5	MP-200D	Fire Pump	House	elune Sw	stem			
				100		-	mmantr	
No.	System	PSI	0/0	Locked		C	mments	
1	Fire Pump House Deluge	180	V	YDND	k			
	The second state of the second		PIV Che	cks				
NI-	F	Position		Date		Co	omments	
No.	System		-	Cycled				
1	Maintenance Shop Drive Way #7	0/C L	/					
2	Maintenance Shop Drive Way #8	V0/C						
3	West Side Power Block by VS-3 # 9	V 0/C						
4	West Side Power Block by VS-1 # 10	, O/C v						
5	West Side Cooling Tower by VS-4 # 11	V 0/C						
6	West side Cooling Tower by VS-4 # 12	1/0/0						
7	N.W. Corner Chemical Storage #1	Q/Ci/			_			
		V0/C		+				
8	N.E. Corner Chemical Storage # 2		+	-	-			
9	East Side W.T. by Multimedia Filters # 3	V 9/C		-	-			
10	East Side W.T. by Multimedia Filters # 5	1/2/0						
11	North Side Bldg 10 # 6	V 0/C						
12	Between MP-444's and Water Treat # 4	9/01						
13	West Side Power Block Valve Shed #1	VO/C						
-		To Be Cycled F	irst Sature	day of Eve	ery Month	1		
		21.		1		Comments /	Actions	
Noss	O LAT COR DODON Automated System - tornesting Cha	chlist Debits				Committee of the later of the l	D	
P ₀₀₄	0 MT-FOR-000027 Automated AV-18 Pms Inspection Che Transformer Yard Refuse Check	cklist Y N	1	-		0-0-00 00000000000000000000000000000000	Page 271	of 1228



			Valve She				Comments
0.		System	PSI	Viv. Poş.	Signage	Locked	Comments
1	SG Unit 1	81-1	0	018	~	A D N D	
2	SG Unit 2	B1-2	O	0/2,	/	YO NZ	
	Reheaters	B1-3	0	0/2,	/	YO NO	A .
3	Rack 2 West HTF	B1-4		0/2	/	Y D N D	
4		81-5	8	0/2	/	V D N D	20
5	Rack 2 East HTF		0	0/2	V	YD ND	
6	North Steel Pro	B1-6	6	0/€	/	YDND	
7	HTF Pumps	81-7		0/0		YDND	. 00
8	HTF Heaters	B1 - 8	O	- Contract	V_	Y D N D	1,16
9	South Steel Pro	B1-9	0	0/4		YO NO	N/O
0	Lube Oil	B1-10	0	0/4	~	YOND	())
1	Turbine Hose Stations	B1-11	0	0/2			1/1
2	Turbine Bearings	B1-12	0	01/2		A D N D	
	Translate Dearings		Valve She	ed # 2 by	Overflov	V	#HOLOGODE
25		System	PSI	Viv. Pos.	Signage	Locked	Comments
0.	# To a Manager	B2-1	0	OIZ	~	AD NO	LOTO
1	Expansion Vessels	B2-2		ØIC	/	YZNO	
2	Ullage Area		8	Ø/C	~	Y N N D	
3	Ullage Structure	B2-11	110	DIC	~	YZ NO	
4	Rack 1 Middle Area	B2-5		ØIC.	~	YONE	
5	Overflow Tanks	B2-9	80		-	YZNO	1.070
6	Rack 1 South Area	B2-6	0	0/9	-	YZ NO	20,70
7	Rack 1 West	B2-7	170	Ø/C	230		
8	Rack 1 North Area	B2-4	135	ØIC		YZ NO	
9	Over flow AFFF	82-8	145	ØIC	_	YZND	
10	Expansion Vessel AFF	B2-3	0	0/9	/	A D N N	
10	Expansion vesser ron		/alve Shed # 3 b	y Bldg 35	GE Elect	rical Bldg	
			PSI	Viv. Pos.	Signage	Locked	Comments
lo.		System	Ø	0/2		A N U	LOTO
1_	Transformer Aux		150	ONIC	/	YD NO	
2	Transformer Main		/alve Shed # 4 b	v Cooling	Tower V	Vest Side	
			PSI PSI	Viv. Pos.	Signage		Comments ,
lo.		System		Ø/C	X	YZND	New Sign needled
1	Cooling Tower West	Side	155	# Chu Co	ntrol Blo	a 10	NC-U Silini
			Valve Shed	# 5 by C	JITCO DIC	1	Comments
lo.		System	PSI	Viv. Pos.	Signage	Locked	
1	Control Room	B4-5	155	ØIC		YD NO	
	Offices	84-3	140	Ø/C	/	YØ NO	
2				ntic:	/	YØ NO	
3	Electrical Room	Turbino Sprin	kler Valves (The	se are to	be locke	d in the c	pen position)
			Locked	Viv. Pos.			Comments
lo.		System	YZ N D				
1	Bearing 2		YZNO	Ø/C			
2	Bearing 3						
3	Bearing 4		YZNO	ØIC			
4	Bearing 5		A DA M D	'ø/c	La - Cara d'Ann	Also Ono	n Position)
-	Tr. vo.	HTF Delu	ge System Valve	s (To be	Locked III	the Ope	Comments
Vo.		System	Locked	Viv. Pos.			Commencs
	MP-201		Y D N		/		
1			Y D N Z	OIL			
2	MP-200A		YONZ	0/2			
3	MP-200B		YOND	0/2			
4	MP-200C		Y D N				
5	MP-200D		Fire Pump	House D	elune Sw	tem	
				0			Comments
Va.		System	PSI	O/C	Locked		Commencs
Vo.		<u> </u>	190	0	YZ NO		
1	Fire Pump House De	uge	1//	PIV Che		"	
					Date	T	Comments
No.		System	Position	Cycled	Cycled		Comments
	Maintenance Shop D		01/2		- 30.50		
1	Iviaintenance Shop C	rive Way #1	B/C				
2	Maintenance Shop D	TIVE Way #0	glic				
3	West Side Power Blo	CK DY V5-3 # 9	019				
4	West Side Power Blo	ck by VS-1 # 10		-			
5	West Side Cooling T	ower by VS-4 # 11	OF				
6	West side Cooling To	ower by VS-4 # 12	ØIC				
7	N.W. Corner Chemic	al Storage #1	0/2				
8	N.E. Corner Chemica	Storage # 2	9/C				
	East Side W.T. by Mu	Itimedia Filters # 3	Ø/C				
9	East Side W.T. by Mt	Itimodia Filters # 5	DIC				
10			Ø/C		-		
11	North Side Bldg 10 #		012	+			
12	Between MP-444's a	nd Water Treat # 4	0/2	-	-		
13	West Side Power Blo	ck Valve Shed #1	To Be Cycled Fi	ret Catarra	day of Fu	ery Mont	i -
			TO BE CYCIED FI	ist satur	ady of LV		Comments / Actions
		ted Systems Inspection Che	Debris Debris				



General Information	
Plant: Alpha Beta Date: 3-10-24	
Operator: *To be completed each time unit is operated.	_
Reason for running pumps: Weekly test Maintenance Emergency	
Jockey Electric Pump	Set !
Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐	
Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 162	
Pump Suction Pressure: N/A Pump Discharge pressure: 162.	
Comments:	
	17.00
Electric Pump	
Pre-start Inspection: Electrical Feed Mechanical Valves	-
Start the pump on pressure drop. Start up pressure: 145	
Start time: 20.18	-
Pump Suction Pressure: 20 ps Pump Discharge pressure: /55	
Stop time: 20:28 Total time running 10 min	
Comments:	
Diesel Pump	This
Pre-start Inspection: Coolant 🖊 Oil 📈 Mechanical 🖊 Valves 🗸 Water Jacket Heater 🗸	
Fuel level > 2/3: Yes \(\text{No \(\text{Monthly Fuel Consumption:}} \)	
Battery volt Crank 1: 27.3 Battery volt Crank 2: 22.3 Battery Condition Godd Corror on 1A ton	12/
Starting hour meter: 1310 Start time: 2030	
Oil pressure start: 64 ps: Oil Pressure finish: 40 ps:	
Pump Suction Pressure: 5 p 5 Pump Discharge pressure: 6 5	
Coolant temperature after 30 minutes running: \sim \sim \sim \sim	
Stop time: 20,30 Stop hour meter: 131. Total time running: 7 min	
Comments: 124 F cooling temp stort, west packing needs adjustment,	
Fault Charge Dix couler, Tempout of Pange.	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	ated no
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be open 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 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 S (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above Jote: Fuel consumption 27 gal/ h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115 6(a)(4)]	



	Plant: ALPHA	BETA: Valve She	d # 1 by	Condense	r	
				Signage	Locked	Comments
٠.	System	100	0/C 🖍	/	YD ND	
	SG Unit 1 B1-1		0/C /	/	V D N D	
2	SG Unit 2 81-2		O/C /	/	A D N D	
3	Reheaters 81-3	_	0/0	/.	AD ND	
1	Rack 2 West HTF B1-4		O/C	/	YD ND	
	Rack 2 East HTF B1-5		O/C	/	AD ND	Malle dat
5	North Steel Pro B1-6		O/C	-/	A D N D	VICTOR DOC.
7	HTF Pumps B1-7		O/C	7	YO NO	
3	HTF Heaters 81-8	_	O/C	/	YDND	
9	South Steel Pro B1-9		O/C	/	YOND	
0	Lube Oil B1-10		O/C	/	YO NO	
1	Turbine Hose Stations B1-11	_	O/C	/	YO NO	
2	Turbine Bearings 81-12	Valva Sh	ed # 2 by	Overflov	v	
			Viv. Pos.	Signage	Locked	Comments
0.	System	PSI	O/C /	Signage	Y D N D	
1	Expansion Vessels B2-1	0	0/0/		Y D N D	
2	Ullage Area B2-2	0			YOND	
3	Ullage Structure B2-11	0	0/0/		YO NO	
4	Rack 1 Middle Area B2-5	100	0/0/		YONO	
5	Overflow Tanks 82-9	70	0/0/		YONO	
6	Rack 1 South Area B2-6	0	0/0		YONO	
7	Rack 1 West B2-7	170	0/0		YO NO	
8	Rack 1 North Area B2-4	113	O/C /		YO NO	
9	Over flow AFFF B2-8	/35	10/C		YONO	
10		6	0/0	CF Flore		
10	Va	ve Shed # 3 b	y Blag 35	GE Elect	rical blug	Comments
lo.	System	PSI	Viv. Pos.	Signage	Locked	two butury
1	Transformer Aux		O/C /	-	YEND	700000
2		160	1 O/C	-	Vest Side	
	Va	lve Shed # 4 b	y Cooling	1 Tower v	vest side	Comments
lo.	System	PSI	Viv. Pos.	Signage	YD ND	1 334 171 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1	Coaling Tower West Side	160	V° O/C	- 101		
	Coding Tower West State	Valve Shed		ontrol Bid	ig 10	Comments
•22	System	PSI	Viv. Pos.	Signage	Locked	Comments
lo.	Control Room 84-5	155	O/C		AND	
1	Offices B4-3	153	O/C	1	YEND	
2	Gilless	1 400.00	Ø/C		ARMO	777
3	Electrical Room 84-4 Turbine Sprink	er Valves (The	ese are to	be locke	d in the c	spen position)
W100	System	Locked	Viv. Pos.			Comments
lo.		YZ NO	15C			
1 _	Bearing 2	YZNO	Ø/C			
2	Bearing 3	YEND	818			
3	Bearing 4	YEND	SIC	TIT'S	F/28 - 34	
4	Bearing 5 HTE Deluge	System Valve	s (To be	Locked in	the Ope	n Position)
		Locked	Viv. Pos.			Comments
No.	System	YD NZ				
1	MP-201	YO NZ	0/0			
2	MP-200A	YO NO				
3	MP-200B	YO NO				
4	MP-200C	VD ND	DIC.	/		
5	MP-200D	Fire Pump	House D	eluge Sv	stem	
						Comments
No.	System	PSI	O/C	Locked		
	Fire Pump House Deluge	185	0	YOND	l.,	
1	Fire Pump Hoose Beloge		PIV Che	cks		
		Position	Cycled	Date		Comments
No.	System		-70.00	Cycled	1	
1	Maintenance Shop Drive Way #7	0.0	1	-	+	
2	Maintenance Shop Drive Way #8	Ø/c		-		
3	West Side Power Block by VS-3 # 9	O C		-		
4	West Side Power Block by VS-1 # 10	O.Q		-		
5	West Side Cooling Tower by VS-4 # 11	0/6		-		
6	West side Cooling Tower by VS-4 # 12	O /C	-		-	
7	N.W. Corner Chemical Storage #1	00			-	
_	N F Corner Chemical Storage # 2	O/C				
	East Side W.T. by Multimedia Filters # 3	Ø/C				
8	East Side W.T. by Multimedia Filters # 5	O /C				
9						
9 10	No. 4h Cida Pida 10 # 6	CVC				
9 10 11	North Side Bldg 10 # 6					
9 10 11 12	North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	0/0				1
9 10 11	North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4		irst Satur	day of Ev	ery Mont	h Comments / Actions



Genera	al Information
Plant: Alpha Beta □	Date: 3/15/24
Operator: Jose Garcia	*To be completed each time unit is operated.
	ntenance I Emergency I
	y Electric Pump
Pre-start Inspection: Electrical Feed Mecha	anical 🗹 Valves 🗹
Check the jockey pump on pressure drop. Start up press	ure: 155 ps (
Discharge Pressure: that 165	•
	Pump Discharge pressure: 165
Comments:	
	ectric Pump
Pre-start Inspection: Electrical Feed 🗸 Mecha	anical 🗸 Valves 🗹
Start the pump on pressure drop. Start up pressure:	145
Start time: 215	
Tamp Saction (Tossais: 101	Pump Discharge pressure: 150
Stop time: 7125 Total time r	unning DMIN
Comments:	
	seed name
	anical Valves Water Jacket Heater
TTO Start tries and	Monthly Fuel Consumption: NA
•	Battery Condition: 900d Need cleaning
	Start time: 2/32
Starting hour meter: /31.1 Oil pressure start: 67	Oil Pressure finish: 50 PS1
Pump Suction Pressure: (0 p)	Pump Discharge pressure: /65 psi
COOlding temperature and or mining	
Stop time: 2137 Stop hour meter	Fuel level, Disal Pump Need Packing Al
Comments: Visible oil leak / Low on	Tuel leady of the first the same of the sa
S. M. Constitutions (less than as equal to 0.00159) on a wair	aht per weight hasis).
Sulfur Concentrations (less than or equal to 0.0015% on a weight sounding divide fire suppression,	defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated
more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up 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 Syste
(current edition) The hours of operation for source testing will not be counted towards either Note Fuel consumption 27 gal/ h approximately	r of the allowable annual limits above.
There is no limit on engine operation for emergency use. [Title 17 CCR 93115 6(a)[4]]	



	Plant: ALPHA	вета:	Date:	3/27	124 op	perator Enak
		Valve Sho	ed # 1 by	Condens	er	
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1		O/C		YDND	
2	SG Unit 2 B1-2		O/C		YO NO	
3	Reheaters B1-3		0/C		YDND	PIV 1 Secureu
4	Rack 2 West HTF B1-4		O/C		YOND	
- 5	Rack 2 East HTF 81-5		O/C		YOND	
6	North Steel Pro B1-6		O/C		YEND	
7	HTF Pumps B1-7		O/C		Y D N D	
8	HTF Heaters B1-8		O/C		Y D N D	
9	South Steel Pro B1-9		O/C		YOND	
10	Lube Oil B1-10	-	O/C		YONO	
11	Turbine Hose Stations B1-11		0/C		YOND	
12	Turbine Bearings B1-12	Valve Sh	ed # 2 by	Overflo		
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	1.34	O/C	Digitage	Y D N D	
2	Ullage Area B2-2		0/C		YO NO	
3	Ullage Structure B2-11		0/C		YONO	
4	Rack 1 Middle Area B2-5		0/C		YONO	PIVIO Secured.
5	Overflow Tanks B2-9		O/C		YO NO	pivio secured.
6	Rack 1 South Area B2-6		O/C		YO NO	
7	Rack 1 West B2-7		O/C		YO NO	
8	Rack 1 North Area B2-4		O/C		YO NO	
9	Over flow AFFF B2-8		0/C		Y D N D	
10	Expansion Vessel AFFF B2-3	13 23 34 00	O/C		YOND	
	Valve	Shed # 3 b	y Bldg 35	GE Elect	trical Bldg	
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
11	Transformer Aux 43 - /		0/C _	/	YZZNO	
2	Transformer Main # 3 - 2 ·	160	√ 0/C	-/	YZN	
	Valve	Shed # 4 b			Nest Side	
No.	System	PSI	Viv. Pos.	Signage		Comments
11	Cooling Tower West Side	160	6 /C	The state of the s	YDND	
		alve Shed	# 5 by Co	ntroi Big		Commande
No.	System	PSI		Signage	Y D N 🗆	Comments
1	Control Room B4-5	160	√ 0/C		YZNO	
2	Offices B4-3 Electrical Room B4-4	160	1 0/C		YDN	
3	Electrical Room B4-4 Turbine Sprinkler \	Jahres (The	se are to	he locke	d in the or	nen nosition)
No	System	Locked	Viv. Pos.	De locke	u iii die op	Comments
No.	Bearing 2	Y D N D				
2	Bearing 3	VZ NO				
3	Bearing 4	YN				
4	Bearing 5	YZ NO				
	HTF Deluge Sys	tem Valve	s (To be I	ocked in	the Open	Position)
No.	System	Locked	Viv. Pos.			Comments
1	MP-201	YOND		,		
2	MP-200A	YO NO				
3	MP-200B	YO NO	0/C V			
4	MP-200C	YD NO	O/C /			
5	MP-200D	Y□ ND	0/C /			
		Fire Pump	House De	eluge Sys	tem	
No.	System	PSI	O/C	Locked	1 - T C	Comments
1	Fire Pump House Deluge	180	0	YZNO		
	True samp nouse beinge	100	PIV Chec			
	6	T		Date		Comments
No.	System	Position	Cycled	Cvcled		Commence
1	Maintenance Shop Drive Way #7	0/0				
2	Maintenance Shop Drive Way #8	√ 0/C				
3	West Side Power Block by VS-3 # 9	√ 0/C				
4	West Side Power Block by VS-1 # 10	0/C J			-	
5	West Side Cooling Tower by VS-4 # 11	0/0/	_			
6	West side Cooling Tower by VS-4 # 12	√ 0/C			2/	
7	N.W. Corner Chemical Storage #1	2 0/C √				
8	N.E. Corner Chemical Storage # 2	₩0/C	-		-	
9	East Side W.T. by Multimedia Filters # 3	0/C 0/C				
10	East Side W.T. by Multimedia Filters # 5	√ 0/C				
11	North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	0/C				
12	West Side Power Block Valve Shed #1	0/0				
C70 16 004	0-MT-FOR-000027 Automated Fire Systems Inspection Checking Be	Cycled Fir	st Saturd	av of Eve	ry Month	
No.	System System	Debris		11000		Comments / Actionage 27,6, Qfod 228c
NO.	Transformer Yard Refuse Check	Y - PROED	of TRevised	09/24/2019		





C	mation
General Inform	
Plant: Alpha Beta	Date: 3/2/24
Operator: Demo Fodnawe?	*To be completed each time unit is operated.
Reason for running pumps: Weekly test Maintenance	Emergency _
Jockey Electric	
Pre-start Inspection: Electrical Feed 🗵 Mechanical 🗵	Valves 🗸
Check the jockey pump on pressure drop. Start up pressure: 155	· pSI
Discharge Pressure: 1(11 pS)	
Pump Suction Pressure: Pump Dis	charge pressure: 105 ps/
Comments:	M.s
Electric Pur	
Pre-start Inspection: Electrical Feed 💆 Mechanical 🗹	Valves Z
Start the pump on pressure drop. Start up pressure: 145ps)	
Start time: 1259	
	harge pressure: 150 ps/
Stop time: 2309 Total time running	OMins.
Comments:	
Diesel Pun	np
Pre-start Inspection: Coolant Oil Mechanical	Valves Water Jacket Heater
	uel Consumption:
Battery volt Crank 1:27. Battery volt Crank 2:27. Bat	tery Condition: Good, Need Cleaning
	ort time: 2310
	Pressure finish: 44 pS
	scharge pressure: [(10ps]
Coolant temperature after 30 minutes running: 195 F.	
Stop time: 1320 Stop hour meter: 131.1	++ Total time running: O Mins
Comments:	
Les i A ii a sui trab ser un	TOR, High Temp ALARM
Suffer Concentrations (less than or equal to 0.0015% on a weight per we	ight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and color of hours necessary to comply with the testing requirements of the National Fire Protection Association (NI (current edition). The hours of operation for source testing will not be counted towards either of the allowable Note: Fuel consumption 27 gal/ high approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115 6(a)(4)]	esponse to a fire or due to low fire water pressure. In addition, this engine shall be operated no impliance demonstrations. Additionally, this engine shall not be operated more than the number FPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"



			Valve She	d # 1 bv	Condens	er		
		system	PSI	Viv. Pos.		Locked		Comments
1 1		1-1	0	0/C V	-	YZND		
2		1-2	D	O/C V		Y DZ N D		
3		31-3	0	0/C V		YWND		
4	10,000 (10,00) (10,000 (10,00) (10,000 (10,00) (10,000 (10,00) (10,00) (10,00) (10,000 (10,00)	11-4	D	O/CV/		YDN		
5		31-5	0	O/C V		YEND		
6	Triblett, and and	B1-6	0	0/C V		YD, ND		
7		31-7	1	0/0 1		Y D N		
8	CONTROL CONTROL CONTROL	31-8	6	O/C V/		YZ N 🗆		
9		B1-9	V	0/C V,	===	YAND		
10		31-10	0	0/C V		YD ND		
11		B1-11	G	0/C V		YEND		
12		B1-12	V	O/C V		Y D N D		
14	Turbine bearings	51 IL	Valve Sh	ed # 2 by	Overfio	N		
lo.		System	PSI	Viy. Pos.	Signage	Locked		Comments
1		B2-1		W,0/C V	V	YEND	1050	our
2		82-2		V O/C	V	YEND		
3	The state of the s	B2-11		VO/C	V	Y Z N D		
4	7	B2-5		V,O/C	/	YZYNO		
5		B2-9		V 0/C	V,	YEND		
6	G various to the	B2-6		,0/CV	1	YEND	lotal	1 A Y
7		B2-7		V/0/C	V,	YEIND		
8		B2-4		V/0/C	V,	YE NO		
9		B2-8		V/0/C	V	YO NO		
10	Expansion Vessel AFFF	B2-3		V 0/C	/	YEND		
10	EXPANSION VESSELVIIV	V	alve Shed # 3 b	y Bldg 35	GE Elect	rical Bldg		
lo.		System	PSI	Viv. Pos.	Signage	Locked		Comments
1	Transformer Aux		0	O/CV	V	YEND	1070	out
2	Transformer Main		140	VO/C	V	Y D N D		
	110121011111	V	alve Shed # 4 b	y Cooling		Nest Side		
lo.	Name of the State	System	PSI	Viv. Pos.	Signage			Comments
1	Cooling Tower West Sid	Committee	150	O 0/C	V	Y N O		
<u> </u>	Cooming	77	Valve Shed	# 5 by Co	ntrol Blo	lg 10		
lo.	TENER CHILITER	System	PSI	Viv. Pos.	Signage	Locked		Comments
1		B4-5	150	70/C	V	YUND		
2		B4-3	150	VOIC	1	YDVND		
3	Electrical Room	B4-4	150	10/C	V	YDNU		
	*	Turbine Sprin	kler Valves (The	se are to	be locke	d in the of	en positi	ion)
No.		System		Viv. Pos.			·	omments
1	Bearing 2		YE, NO					
2	Bearing 3		Y DV N D					
3	Bearing 4		Y ED N D					
4	Bearing 5		Y D N D	VO/C			DINV	
		HTF Delug	e System Valve	s (To be	оскеа п	the Open	Position	omments
No.		System		Viv. Pos.	and the same			omments
1	MP-201		YDYND					
2	MP-200A		Y N D					
3	MP-200B		Y C7 N 🗆					
4	MP-200C		Y D N D					
5	MP-200D		Y ZŽ N 🗆	0/C~		*****		
			Fire Pump	House D	eruge Sys	tem		-x
No.		System	PSI	O/C	Locked			Comments
	Fire Pump House Delug		180	0	YZND			
1	Fire Pump House Delag	e .	1.00	PIV Chec				
		STATE OF THE SAME	n 20'an	Cycled	Date			Comments
Vo.		System	Position	Cycled	Cvcled			
1	Maintenance Shop Drive	e Way #7	0/C V	/				
2	Maintenance Shop Drive	e Way #8	0/0 /					
3	West Side Power Block	by VS-3 # 9	V 0/C				- 1-	
4	West Side Power Block	by VS-1 # 10	0/0			10+0	out	
5	West Side Cooling Town	er by VS-4 # 11	9/CV					
6	West side Cooling Towe	er by VS-4 # 12	VO/C				- sees to	
7	N.W. Corner Chemical S	torage #1	0/01			1040	out	
8	N.E. Corner Chemical St	orage # 2	0/C V					
9	East Side W.T. by Multin		0/C V					
10	East Side W.T. by Multin		9/C V	**				
11	North Side Bidg 10 # 6		0/C					
12	Between MP-444's and	Water Treat # 4	0/C V					
40	147 - Tide Davies Black	Value Short #1	O/C					
	The state of the s	1	To Do Cuelod Ein	ret Cature	lay of Eve	ery Month		
16-004	IO MT-FOR-000027 Automated	Fire Systems Inspection Check	Debris.	St Jatuit	ay or zv			nents / ARiage 278, 01,61228

Mojave Procedure

Date: **2/01/2022**

Version: 00





Mojave Solar LLC

Fire Pump Weekly Test Log
General Information
Plant: Alpha Ø Beta D Date: 3/29/24
Operator: Garria *To be completed each time unit is operated.
Reason for running pumps: Weekly test D Maintenance D Emergency D
Jockey Electric Pump
Pre-start Inspection: Electrical Feed Mechanical Valves
Check the jockey pump on pressure drop. Start up pressure: 155
Discharge Pressure: 167 PSI
Pump Suction Pressure: N/A Pump Discharge pressure: 165
Comments:
Electric Pump
Pre-start Inspection: Electrical Feed Mechanical Valves V
Start the pump on pressure drop. Start up pressure: 145 PS;
Start time: 2030
Pump Suction Pressure: 18 P & Pump Discharge pressure: 155
Stop time: 2035 Total time running 5 mins
Comments:
Diesel Pump
Pre-start Inspection: Coolant O Oil D Mechanical B Valves Water Jacket Heaten
Fuel level > 2/3: Yes D No D Monthly Fuel Consumption:
Battery volt Crank 1: 27.1 Battery volt Crank 2: 27.1 Battery Condition: Need Cleaning
Starting hour meter: 131.1 Start time: 2035
Oil pressure start: 67 989 Oil Pressure finish: 50 989
Pump Suction Pressure: 10 PSi Pump Discharge pressure: 165 PSi
Coolant temperature after 30 minutes running: 178 # only van for reaching
Stop time: 7035 Stop hour meter: [3] - Total run time: 3mg January 1* hour meter: Total YTD hours:
Closed discharges for test: Initials Test complete, discharges opened: Initials
Comments: discharges Secured due to inderground lead
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).
his new direct drive the gump angine shall be lemited to use for emergency fire suppression, defined as in response to a fire or due to low the water pressure. In addition, this engine shall be operated no more than 30 more shan 30 more shanness and shan 30 more shanness and sh



No. 1 2 3			Valve Shed	d # 1 by	Condens	er	
1 2 3		System	PSI	Viv. Pos.	Signage	Locked	Comments
2	SG Unit 1	B1-1	Ð	0/0	V	AD NR	
3	SG Unit 2	B1-2		0/0	/	YDNE	
	Reheaters	B1-3		0/0	/	YDNE	
	Rack 2 West HTF	81-4		0/	/	Y D N G	
4		B1-5		0/1	/	Y D N	
5	Rack 2 East HTF	B1-6		0/1	1	YO NE	
6	North Steel Pro	B1-7		0/0	V.	YO NO	
7	HTF Pumps			0/	/	Y D N S	
8	HTF Heaters	B1-8		0/	1	YDNW	
9	South Steel Pro	B1-9		O/E	1	YEND	
1.0	Lube Oil	B1-10		O/E	1	YEND	
11	Turbine Hose Stations		-	0/1	1	YMND	
12	Turbine Bearings	B1-12	Valve She	ed # 2 by	Overflor	W	
			PSI	Viv. Pos.	Signage	Locked	Comments
No.		System	0	0/0	Signage	YS NO	
1	Expansion Vessels	82-1		0 /C		YEND	
2	Ullage Area	B2-2	165	O/Ores	1	YZND	
3	Ullage Structure	82-11	162	2/0		YEND	
4	Rack 1 Middle Area	B2-5	100	0/0		YEVND	
5	Overflow Tanks	82-9	159	0/0		YNN	
6	Rack 1 South Area	B2-6	0	0/C		YEND	
7	Rack 1 West	82-7	142			YD NE	
8	Rack 1 North Area	B2-4	160	9 /C		YONE	
9	Over flow AFFF	82-8	164	9 /C		YONE	
10	Expansion Vessel AFF	BZ-3	ve Shed # 3 by	RING 20	GF Flor		
		Va		y Blug 33	Signage	Locked	Comments
No.		System	PSI	Viv. Pos.	Signage	YUND	
1	Transformer Aux		150	000			
2	Transformer Main		lve Shed # 4 b	eg c	Towar	Most Side	
_		Va		y Cooning	Tower	vest side	Comments
No.		System	PSI	Viv. Pos.	Signage	YEND	
1	Cooling Tower West 5	iide	0	0/0	- Pla		
_			Valve Shed			1g 10	Comments
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	157	Ø/C		YEND	
2	Offices	84-3	150	6 /C		YO NE	,
3	Electrical Room	B4-4	160	O/C		YLINE	non nocition)
		Turbine Sprink	er Valves (The	se are to	De locke	a in the o	Comments
No.		System	Locked	Viv. Pos.			Commence
1	Bearing 2		YUNE	(Q)C			
2	Bearing 3		Y D N M	DIC			
3	Bearing 4		YO NOW	, ac			
4	Bearing 5		YO NE	0 (. Alea Omon	Position)
	DCG-1019	HTF Deluge	System Valve	s (To be	госкеа п	the Open	Comments
No.		System	Locked	Viv. Pos.			Comments
1	MP-201		Y D N M	ØC.			
2	MP-200A		YZND	€ /C			
3	MP-200B		YONE				
4	MP-200C		YWND	D/C			
5	MP-200D		YND	6 /C			
3	INF -COOL		Fire Pump	House D	eluge Sy	stem	
_		C 4	PSI	0/C	Locked		Comments
No.		System	Inc.	0	YENE	1	
1_	Fire Pump House Del	uge	Lie	PIV Chec			
					Date	1	Comments
No.		System	Position	Cycled	Cycled		Commence
_	Maintenance Shop D		0/0		- C-24		
1	Maintenance Shop D	rive Way #R	9 /0				
2	West Side Power Blo	els Bu VC_3 # 9	Ø/C				
3	West Side Power Blo	ck by VS-1 # 10	0/0				
4	West Side Power Bio	war by VS_1 # 10	Ø/C				
	West Side Cooling To	ower by VS-4 # 11	0/0			1	
5	West side Cooling To	JWEI UY V3-4 # 14	Ø /C				
6	N.W. Corner Chemic	Storage # 1	6/0				
6 7	1 1 m m m m m m m m m m m m m m m m m m	i Storage # 2	Ø/C				
6 7 8	N.F. Corner Chemica		0/.		_		
6 7	N.E. Corner Chemica East Side W.T. by Mu	Itimedia Filters # 3	PVC				
6 7 8	N.E. Corner Chemica East Side W.T. by Mu East Side W.T. by Mu	Itimedia Filters # 5	0 /C				
6 7 8 9	N.E. Corner Chemica East Side W.T. by Mu East Side W.T. by Mu North Side Bldg 10 #	Iltimedia Filters # 5 # 6	0 /C				
6 7 8 9	N.E. Corner Chemica East Side W.T. by Mu East Side W.T. by Mu North Side Bldg 10 f Between MP-444's a	Iltimedia Filters # 5 # 6 nd Water Treat # 4	0/0				
6 7 8 9 10 11	N.E. Corner Chemica East Side W.T. by Mu East Side W.T. by Mu North Side Bldg 10 #	Iltimedia Filters # 5 # 6 nd Water Treat # 4	0/0	rst Satur	day of Fu	very Month	1
6 7 8 9 10 11 12 13	N.E. Corner Chemica East Side W.T. by Mu East Side W.T. by Mu North Side Bldg 10 # Between MP-444's a West Side Power Blo	# 6 nd Water Treat # 4 ck Valve Shed #1	o Be Cycled Fi	rst Saturo	day of Ev	ery Month	Comments / Accions
6 7 8 9 10 11 12 13	N.E. Corner Chemica East Side W.T. by Mu East Side W.T. by Mu North Side Bldg 10 # Between MP-444's a West Side Power Blo	Iltimedia Filters # 5 # 6 nd Water Treat # 4 ck Valve Shed #1 Ted \$M\$\$\$EUms Inspection Checkle	o Be Cycled Fi	_	day of Ev	very Month	1 Comments / Actions Page 280 of 1228



General Informa	1 /
Plant: Alpha 🗆 Beta 🗹	Date: 3 [1]24
Operator: Var	*To be completed each time unit is operated.
Reason for running pumps: Weekly test Maintenance	□ Emergency □
Jockey Electric P	ump
Pre-start Inspection: Electrical Feed Mechanical	Valves 🗹
Check the jockey pump on pressure drop. Start up pressure: 153	PST
Discharge Pressure: 170 PSA	•
Pump Suction Pressure: 6 V 5 Pump Disch	narge pressure: 166 95 T
Comments:	Υ
Electric Pump	p
Pre-start Inspection: Electrical Feed 🗹 Mechanical 🗗	Valves 🗹
Start the pump on pressure drop. Start up pressure: 195	PSI
Start time: 22:38	
Pump Suction Pressure: 16 psz Pump Discha	arge pressure: 150 PoE
	Omin.
Comments:	
Diesel Pump	
Pre-start Inspection: Coolant 🔽 Oil 🖫 Mechanical 🗗	Valves Water Jacket Heater W
Fuel level > 2/3: Yes □ No 🗹 Monthly Fue	el Consumption:
Battery volt Crank 1:287 Battery volt Crank 2: 78.7 Batter	ery Condition:
Starting hour meter: 135.3 Start	time: 22:51
Oil pressure start: 56 VCI Oil P	ressure finish: 34 ps C
Pump Suction Pressure: / 7 PSI Pump Disc	harge pressure: 145 psI
Coolant temperature after 30 minutes running: 194 US	t after 7 nin
Stop time: 22:58 Stop hour meter: /35.	イ Total time running: フェルル
Comments: High Temp Alarm	after 7 wir.
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weigh	ht basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in resp more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and comp of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA (current edition). The hours of operation for source testing will not be counted towards either of the allowable a lote: Fuel consumption 27 gal/ h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	liance demonstrations. Additionally, this engine shall not be operated more than the number 3) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"



					Condens	I nate of 1	Comments
lo.		System	PSI	Viv. Pos.	Signage	Locked Y N I	Comments
1	SG Unit 1	31-1	0	∂/ 0		YONE	
2	SG Unit 2	31-2		0.0	/		
3	Reheaters	B1-3		0/0	· /	Y D N 🗹	
4	Rack 2 West HTF	B1-4		0/0	/	YONZ	
5	Rack 2 East HTF	B1-5		0/10	~	Y D N G	
6	North Steel Pro	B1-6		0/0	~	YONE	
7	HTF Pumps	31-7		0/10	/	YUNE	
В	HTF Heaters	81-8		0/0	/	Y D N E	
9	South Steel Pro	B1-9		0/0	1	YONE	
10	Lube Oil	81-10		0/0		YE NO	
11		B1-11		0/0	~	YEND	
	Turbine Hose Stations	B1-12		0/0	/	YND	
12	Turbine Bearings	D1-12	Valve Sho	ed # 2 by	Overflor	W	
		Contains	PSI	Viv. Pos.	Signage	Locked	Comments
No.		System	0	0/0	\	YEND	
1	Expansion Vessels	B2-1		O/C	~	YND	
2	Ullage Area	B2-2	162	@ /C	-	YEND	
3	Ullage Structure	B2-11	161			Y D N D	
4	Rack 1 Middle Area	B2-5	168	@/C	~	YZND	
5	Overflow Tanks	82-9	157	A /C		YEND	
6	Rack 1 South Area	B2-6	0	0/6	1	YEND	
7	Rack 1 West	B2-7	160	Ø/C	/		
8	Rack 1 North Area	B2-4	168	6 /C	1	YEVND	
9	Over flow AFFF	B2-8	162	9/C	1,	AD NA	
10	Expansion Vessel AFFF	22.2	11.2	O/C	V	YOND	
	1-75	Va	ve Shed # 3 by	y Bldg 35	GE Elect	trical Bldg	(*************************************
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		160	e /C	~	YEND	
2	Transformer Main		157	Ø/C	V	YND	
-	Transferring mon-	Va	ve Shed # 4 b	y Cooling	g Tower \	Nest Side	
N-		System	PSI	Viv. Pos.	Signage		Comments
No.	Cooling Tower West Si		Marie O	0.00		YNO	
_1	Cooling Tower West 3	ue	Valve Shed	# 5 by Co	ontrol Blo	ig 10	
N-	1000-11	System	PSI	Viv. Pos.	Signage	Locked	Comments
No.	C- H-10	84-5	156	O C	99901	YOND	
1	Control Room	B4-3	100	DIC.	110000		
2	Offices	24.4	1//	AIC	LEDV	YU NY	
3	Electrical Room	Turbine Sprink	or Valves (The	co are to	He locke	d in the or	en position)
			Locked	Viv. Pos.	1		Comments
No.		System	Y N N	OC	-		
1	Bearing 2		YONE				
2	Bearing 3				-		
3	Bearing 4		YONE	9 /C			
4	Bearing 5		YONE	00	a alead in	the Open	Position)
		HTF Deluge	System Valve	s (10 be	LOCKEU II	tile Open	Comments
No.		System	Locked	Viv. Pos.			Collinents
1	MP-201		YONG	O /C			
2	MP-200A		A S N D	, OIC			
3	MP-200B		Y D N DY	OXC.			
4	MP-200C		YEND	6 /C			
	MP-200D		YZND	0			
5	INIT - 200D		Fire Pump	House D	eluge Sys	stem	
			PSI	0/0	Locked		Comments
No.		System	Parameter and				
1	Fire Pump House Delu	ge	176	0	YOND		
	*************************************			PIV Che	:KS	or to the second	
Ne		System	Position	Cycled	Date		Comments
No.				-	Cvcled		
1	Maintenance Shop Dr		0/0	-			
2	Maintenance Shop Dr	ve Way #8	@/C	-	_	1	
3	West Side Power Bloc	c by VS-3 # 9	g/C		-	+	
4	West Side Power Bloc		0/0		_	-	
5	West Side Cooling To	ver by VS-4 # 11	Ø(C		1	-	
6	West side Cooling Tox	ver by VS-4 # 12	0 /C				
7	N.W. Corner Chemical	Storage #1	0 /C				
8	N.E. Corner Chemical	Storage # 2	9 /C				
9	East Side W.T. by Mult	imedia Filters # 3	Ø/C				
	East Side W.T. by Muli	imedia Filters # 5	Ø/C		·		
10	North Side 8ldg 10 #		9 /C				
11	Between MP-444's an	d Water Troot # 4	0/0				
4-	IKETWEEN IVIP-444 S AN	u vvater rreat # 4			-		
12	Title Collaboration Discourse Discourse	Value Shed #1	2.3/(
	Title Collaboration Discourse Discourse	k Valve Shed #1	o Re Cycled Fir	rst Satur	day of Ev	ery Month	D
	Title Collaboration Discourse Discourse	k Valve Shed #1 d Fire Systems Inspection Checking System	o Be Cycled Fir	rst Satur	day of Ev	ery Month	Comments / ARTIAGE 282, Q16-1222



General Infor	mation
	Date: 3/15/24
Plant: Alpha Beta	*To be completed each time unit is operated.
Operator: Dego Rodnywe	Emergency
Reason for running pumps: Weekly test / Maintenance	
Jockey Electric	
Pre-start Inspection: Electrical Feed Mechanical	Valves
Check the jockey pump on pressure drop. Start up pressure:	5 ps1
Discharge Pressure: (00 ps)	1/10/
Pump Suction Pressure: N/H Pump Di	scharge pressure: (09 ps)
Comments:	(**)
	ATT 1000 1000 1000 1000 1000 1000 1000 1
Electric Pu	
Pre-start Inspection: Electrical Feed Mechanical	Valves, 🗹
Start the pump on pressure drop. Start up pressure: $145 + 51$	
Start time: WY	r
13/3	charge pressure: 150 ps 1
Stop time: Total time running	10 Mins
Comments:	
Diesel Pur	mp
Pre-start Inspection: Coolant 🗸 Oil 🗸 Mechanical 🗖	Valves Water Jacket Heater
Fuel level > 2/3: Yes 🗆 No 🗹 Monthly	Fuel Consumption: D/H.
Battery volt Crank 1:20 Battery volt Crank 2:24 Ba	ittery Condition: GOOD / Need To Be cleaned
Starting hour meter: 135.4	art time: 1225
Oil pressure start: () () () ()	Pressure finish: 47 ps1
	ischarge pressure: 150 ps
Coolant temperature after 30 minutes running: 10H	
Stop time: 1230 Stop hour meter: 135,	Total time running: Smins.
Comments:	
low Full.	
Sulfur Concentrations (less than or equal to 0.0015% on a weight per we	ight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and color flows necessary to comply with the testing requirements of the National Fire Protection Association (Nature (current edition)). The hours of operation for source testing will not be counted towards either of the allowable Note: Fuel consumption 27 gal/h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	(FPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"



			Valve She	d # 1 by	Condense	ėr	perator PAT
lo.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	0	0/0	V	Y D N B	
2	SG Unit 2	81-2	7	0/0		Y D NE	
3	Reheaters	B1-3		0/0	1	Y D N	
4	Rack 2 West HTF	B1-4		0/6	V	Y D N	
5	Rack 2 East HTF	B1-5		0/0	V	Y D N D	
6	North Steel Pro	B1-6		0/0	V	YO NE	
7	HTF Pumps	B1-7		0/6	1	Y D N Z	
8	HTF Heaters	B1-8		0/0	/	Y D N Z	
9	South Steel Pro	B1-9		0/0	/	Y D N Z	
10	Lube Oil	B1-10		0/6	/	YDN	
11	Turbine Hose Stations			0/0	1/	YIN	
12	Turbine Bearings	B1-12		0/10		YEVND	
12	Turbine bearings	0.10	Valve Sh	ed # 2 by	Overflov	N	
lo.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	0	0,0		YEND	
2	Ullage Area	B2-2	160	O/C	1	YEND	
3	Ullage Structure	B2-11	158	@ /C		YEND	
4	Rack 1 Middle Area	B2-5	166	Ø/C		YEND	
5	Overflow Tanks	82-9	182	D/C		YND	
6	Rack 1 South Area	B2-6	D	0/0	1	YND	
7	Rack 1 West	B2-7	186	Ø/C		Y Z N D	
8	Rack 1 North Area	B2-4	158	0 /C	V	YEND	/
9	Over flow AFFF	B2-8	160	3 /C		Y D N DY	
10	Expansion Vessel AFFI	D2-3	163	D/C	/	YO NG	
10	Irvhansion Agset ALL	Va	lve Shed # 3 b	y Blda 35	GE Elect	rical Bldg	
Ma		System	PSI	Viv. Pos.	Signage	Locked	Comments
No.	Transformer Aux	System	166	O /C	1	YEV	
2	Transformer Main		160	207C		Y DV N D	
	Transformer Main	Va	lve Shed # 4 b	v Cooling	Tower V	Nest Side	
M-		System	PSI	Viv. Pos.	Signage	1	Comments
No.	Cyalles Towns Wort 5		0	0/0		YEND	
1	Cooling Tower West	side	Valve Shed	# 5 by Co	ntrol Bld	a 10	
51		System	PSI		Signage	Locked	Comments
No.	6	84-5	154	D/C		YEND	
1	Control Room Offices	84-3	1551	D/C	1	YND	2
2	**************************************	D4-4	110	DIC		Y D N D	
3	Electrical Room	Turbine Sprink	ler Valves (The	se are to	be locke	d in the o	pen position)
	1		Locked	Viv. Pos.			Comments
No.	2	System	Y D N				
1	Bearing 2		YONE	M C			
2	Bearing 3		YOND				
3	Bearing 4		Y I N R	DVC			
4	Bearing 5	UTE Deluge	System Valve	s (To be l	ocked in	the Oper	Position)
			Lacked	Viv. Pos.	I I		Comments
No.	An and	System	Y D D				The transmission
1	MP-201		YEVND	Ø/C			
2	MP-200A		YOYO	O/C			
3	MP-200B		YEND	Ø/C			
4	MP-200C		YEND				
5	MP-200D		Fire Pump		alune Suc	tem	
	**					1	Comments
No.		System	PSI	0/C	Locked		Comments
1	Fire Pump House Del	uge	175	0	YND		
1	Trace Lamp House Del	- 3-		PIV Chec	ks	74	
		Cuetom	Position	Cycled	Date		Comments
No.		System		Cycleu	Cycled		
1	Maintenance Shop D		0/0				
2	Maintenance Shop D		0 /C			-	
3	West Side Power Bloo		Ø/C		l		
4	West Side Power Bloo		0/8				
5	West Side Cooling To	ower by VS-4 # 11	9 C				
6	West side Cooling To	wer by VS-4 # 12	Ø/C				
7	N.W. Corner Chemica		D /C				
8	N.E. Corner Chemical	Storage # 2	0/0				
9	East Side W.T. by Mu	ltimedia Filters # 3	Ø /C				
10	East Side W.T. by Mu	timedia Filters # 5	Ø /C				
11	North Side Bldg 10 #	5	Ø/C				
	Between MP-444's ar		O/C				
12			4.0				
	West Side Power Blo	ck Valve Shed #1	0/0				
	West Side Power Blo D MT FOR 200027 Automat	ck Valve Shed #1 ed Fire Systems Inspection Check	o Be Cycled Fir	rst Saturo	lay of Eve	ery Month	Comments / Actinge 284, 01,61228





General Info	
Plant: Alpha 🗆 Beta 🗹	Date: 3123124
Operator: Digno Rodny 112	*To be completed each time unit is operated.
Reason for running pumps: Weekly test / Maintenand	ce 🗌 Emergency 🖟
Jockey Elect	7
Pre-start Inspection: Electrical Feed 🗹 Mechanical	√ Valves, Ď
Check the jockey pump on pressure drop. Start up pressure:	5505
Discharge Pressure: U Sps	l.
Pump Suction Pressure: Pump	Discharge pressure: \(\(\) \(\) \(\)
Comments:	" ·
	The second secon
Electric Control of the Control of t	
Pre-start Inspection: Electrical Feed 💆 Mechanical	□ Valves,□
Start the pump on pressure drop. Start up pressure: 145ps.	
Start time: 2230	150,001
Fullip Suction 1 ressure.	Discharge pressure: SO ps
Stop time: 7240 Total time running	9 10 Mins.
Comments:	
Diesel	Pump
Pre-start Inspection: Coolant Oil Mechanical	✓ Valves ✓ Water Jacket Heater ✓
	nly Fuel Consumption: N/A
Battery volt Crank 1: 17, Battery volt Crank 2: 17	Battery Condition: Good, weed cleaning
Starting hour meter: 135, 4 H	Start time: 224
Oil pressure start: (e) ps	Oil Pressure finish: 40 ps
	o Discharge pressure: 150ps1
Coolant temperature after 30 minutes running: 1947	1
Stop time: 125 Stop hour meter: 135	Total time running: O Mins.
Comments:	
High Temp ALARY	
Sulfur Concentrations (less than or equal to 0.0015% on a weight pe	r weight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing a of hours necessary to comply with the testing requirements of the National Fire Protection Associati (current edition). The hours of operation for source testing will not be counted towards either of the all vote: Fuel consumption 27 gal/ h approximately.	ion (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"



570-NG0040-MT-FOR-000027 Automated Psystem in Inspection Checklist

1 Transformer Yard Refuse Check

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

BETA: Date: 3/30/24 Operator ANTHONY Plant: ALPHA □ Valve Shed # 1 by Condenser Viv. Pos. Signage Locked Comments System YO NO LOTO SG Unit 1 O/C Y I N I O/C SG Unit 2 B1-2 0/0 Y D N D 3 Reheaters B1-3Y D N D 0/0 Rack 2 West HTF YO NO 5 Rack 2 East HTF B1-5 O/C Y D N D O/C North Steel Pro O/C Y D N D HTF Pumps B1-7 Y D N D 0/0 HTF Heaters 8 B1-8 Y D N D 0/0 South Steel Pro R1-9 Y D N D 0/0 10 Lube Oil B1-10 Y D N D O/C 11 Turbine Hose Stations Y D N D O/C 12 Turbine Bearings Valve Shed # 2 by Overflow PSI Viv. Pos. Signage Locked Comments No. System YONO LOTO 0/0 Expansion Vessels V0/C Ullage Area Y N D 100 ã Ullage Structure B2-1 NOIC YEND VO/C Rack 1 Middle Area ~ 10/0 YPYND B2-9 Overflow Tanks 160 YO NO LOTO 0/0 6 Rack 1 South Area B2-6 Valve Shed # 3 by Bldg 35 GE Electrical Bldg Rack 1 West Rack 1 North Area 8 Over flow AFFF Expansion Vessel AFFF B2-3 10 Comments PSI Viv. Pos. Signage Locked System Valve Shed # 4 by Cooling Tower West Side Transformer Aux YEND Transformer Main Comments Viv. Pos. Signage System PSI No. YO NO LOTO Cooling Tower West Side Valve Shed # 5 by Control Bldg 10 Viv. Pos. Signage Comments Locked PSI No. System 160 10/C YEND Control Room B4-5 YZNO 168 LOS Offices N/C V DV N I Electrical Room Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. No. Bearing 2 Bearing 3 Bearing 4 Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Locked Viv. Pos.

Y D D O/C

Y B D O/C

Y B D O/C

Y B D O/C Comments System MP-201 MP-200A MP-200B 3 MP-2000 4 Fire Pump House Deluge System MP-200D Comments O/C Locked PSI Open Y PIV Checks YEND 175 Fire Pump House Deluge Comments **Position** No. System Cycled Maintenance Shop Drive Way #7 O/CV √0/C √0/C Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 · 0/0 West Side Power Block by VS-1 # 10 **1**0/C West Side Cooling Tower by VS-4 # 11 V0/C West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 6/0 N.E. Corner Chemical Storage # 2 **V** 0/C East Side W.T. by Multimedia Filters # 3 10 East Side W.T. by Multimedia Filters # 5 √Ó/C North Side Bldg 10 # 6 11 Between MP-444's and Water Treat # 4 12 13 West Side Power Block Valve Shed #1

To Be Cycled First Saturday of Every Month

Page 1 of 1Revised 09/24/2019

Debris

Comments / Actions Page 286 1064 228 R-0000 7



General Informatio	
Plant: Alpha □ Beta ☑ Date:	3/28/24
Operator: Poy whitney	*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: $/5$ (
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	141100 =
Start time: 1859	
Pump Suction Pressure: Pump Discharge	pressure: 150
Stop time: 1909 Total time running 10 m	*
Comments:	
Diesel Pump	11
Pre-start Inspection: Coolant 🗹 Oil 🗹 Mechanical 🗹 Va	alves 🖭 Water Jacket Heater 🗹
Fuel level > 2/3: Yes No Monthly Fuel Co	nsumption:
Battery volt Crank 1: 26 Battery volt Crank 2: 29 Battery Co	
Starting hour meter: 135 .5 Start time	1918
Oil pressure start:	
Pump Suction Pressure: 18 Pump Discharge	e pressure: 148
Coolant temperature after 30 minutes running: 2 21 alder 17 n.	- Λ
Stop time: 1935 Stop hour meter: 135, s	Total time running: 17 min
Comments: Engine # 1, ECU address 72, 0:1 pressure 10	ow, fuel indection malfunction
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight bas	is).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance do of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"State (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limitote: Fuel consumption 27 gal/ h approximately. here is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	emonstrations, Additionally, this engine shall not be operated more than the number andards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"



		Valve She	d # 1 by	Condens	er	
Mc	System	PSI	Viv. Pos.	Signage	Locked	Comments
No.	SG Unit 1 81-1	0	O/C)	V	YONE	
2	SG Unit 2 81-2	0	0,0	V	Y D N 🗹	
3	Reheaters B1-3	0	0,0	V	A D N 🔼	
4	Rack 2 West HTF 81-4	0	0,(2)	V	Y D N D	
5	Rack 2 East HTF B1-5	0	0,0)	V	Y□ N D	
6	North Steel Pro B1-5	0	O.(C)		A D N D	
7	HTF Pumps B1-7	0	0/10	V	A D N Q	
8	HTF Heaters B1-8	0	0,(0)	/	Y D N DZ,	
9	South Steel Pro 81-9	0	0,0	/	AD NQ	
10	Lube Oil 81-10	0	0,0	V	YO NO	
11	Turbine Hose Stations B1-11	0	0,0	V	Y D N D	
12	Turbine Bearings B1-12	۵	0.0	V	Y D N D	
14	Truibille Bearings 5, 12	Valve Sh	ed # 2 by	Overflo	W	
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1		0/0	V	Y EV N 🗆	all volves are Loto
2	Ullage Area B2-2		JO/C	V.	Y D N D	
3	Ullage Structure 82-11		.0/CV	/	YO'ND	
	Rack 1 Middle Area B2-5		JOIC	V.	YZND	
5	Overflow Tanks B2-9		JOIC	/	YEVNO	
	Rack 1 South Area B2-6		.O/C/	V	YO'ND	
6			JOIC.	1	YEND	
7	Rack 1 West 82-7 Rack 1 North Area 82-4		/ O/C	V.	YDYND	
8	Over flow AFFF 82-8		10/C	1	YZND	
9	0.21		1/015	V	YOND	
10	Expansion vessel Acce BZ*3	alve Shed # 3 b	y Blda 3	GE Elect	trical Bldg	
Ma	System	PSI	Viv. Pos.	Signage	Locked	Comments
No.			0/C V		YONO	
1	Transformer Aux		0/0	1	Y D N D	Loto
2	Transformer Main	alve Shed # 4 b	v Cooline	Tower \	Nest Side	
****	System	PSI	Viv. Pos.	Signage		Comments
No.		ins	1015		Y D N D	
1	Cooling Tower West Side	Valve Shed	# 5 by Co	ontrol Blo	ig 10	
	System	PSI	Viv. Pos.	Signage	Locked	Comments
No.			O/CV		YEND	60to
	COTICIO		0/C /		YDY	1010
2	El Colore Books D. A. A.		O/C I/	1 :/	YEND	10+0
3	Turbine Sprin	kler Valves (The	se are to	be locke	d in the o	pen position)
	System	Locked	Viv. Pos.	La Salara		Comments
No.		YOND	O/C			
1	Bearing 2	YOND	D/C			
2	Bearing 3	YDND	O/C			
3	Bearing 4	VD ND	0/0			
4	Bearing 5	ge System Valve	s (To be	Locked in	the Oper	n Position)
N 1		Locked	Viv. Pos.			Comments
No.	System	YONO	O/C			
1 -	MP-201	Y O N O		-		
2	MP-200A	Y D N D				
3	MP-200B	YOND		1		
4	MP-200C	YOND				
5	MP-200D	Fire Pump	House D	eluge Sv	stem	
					T-000	Comments
No.	System	PSI	0/C	Locked		Commence
1	Fire Pump House Deluge	0	C	YON		
			PIV Che			
	Curtam	Position	Cycled	Date		Comments
No.	System		Cycled	Cvcled	+	
11	Maintenance Shop Drive Way #7	J 0/C	-		-	
2	Maintenance Shop Drive Way #8	√0/C	1			
3	West Side Power Block by VS-3 # 9	V O/C	1		1.10	
4	West Side Power Block by VS-1 # 10	0,00		-	Loto	
5	West Side Cooling Tower by VS-4 # 11	0/0/		-	-	
	West side Cooling Tower by VS-4 # 12	1/Q/č	V		1 1	
6	7 / E	0/C v		-	10+0	
7	N.W. Corner Chemical Storage #1	0/0/	V			
	N.E. Corner Chemical Storage # 2			1		
7	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3	0/C v		_	_	
7 8	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3	0/CV	- 1			
7 8 9	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6	0/C V 0/C V V 0/C	V	132		
7 8 9	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6	0/C V 0/C V V 0/C V 0/C	V	33	N south	<u> </u>
7 8 9 10 11	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	0/C V 0/C V 0/C V	V	33	Loto	1
7 8 9 10 11 12	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	0/C ✓ 0/C ✓ 0/C ✓ 0/C 0/C ;	V	day of Ev	Lofo ery Monti	3
7 8 9 10 11	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	0/C v 0/C v 0/C 0/C 0/C 0/C 0/C 0/C	V V rst Sature	day of Ev	ery Monti	ন Comments / ARage 288-ত্রনি এ28

Date: 2/01/2022

Version: 00





Mojave Solar LLC

Fire Pump Weekly Test Log
General Information
Plant: Alpha 19 Beta D Date: 4/6/74
Operator: Roy Wilny *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:
Discharge Pressure:
Pump Suction Pressure: Pump Discharge pressure:
Comments: System Down for underground lank
Hectric Pump
Pre-start Inspection: Electrical Feed D Mechanical D Valves D
Start the pump on pressure drop. Start up pressure:
Start time:
Pump Suction Pressure: Pump Discharge pressure:
Stop time: Total time running
Comments: System down for marground leak
Diesel Pump
Pre-start Inspection: Coolant 🛘 Oil 🗗 Mechanical 🗗 Valves 🗗 Water Jacket Heater 🗈
Fuel level > 2/3: Yes D No D 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:
Closed discharges for test: Initials Test complete, discharges opened: Initials
Comments: System down for macroground reale
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).
his new direct drive fire pump angine shall be liemted 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 not be operated no more than 30 minutes at 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 recurrences of the National Fire Protection Association (NFPA) 25. "Standards for the Inspection: Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours adopted to the current edition). The hours adopted an addition for source testing will not be counted towards either of the allowable annual lengt above. Note: Fuel consumption 27 gat/ his approximately. There is no limb on ungine approximately.



	Plant: ALPHA TO	ВЕТА:	Date:	1/13/2	4 on	erator
	Tidat. All III		ed # 1 by	1		
No.	System	PSI	Viv. Pos.		Locked	Comments
1	SG Unit 1 B1-1	0	O/C 🗸	1	YZN	
2	SG Unit 2 B1-2	0	O/C -		YO NO	
3	Reheaters B1-3	0	O/C J	-	YZN	
4	Rack 2 West HTF B1-4	0	0/C V	-	Y W N D	
5	Rack 2 East HTF B1-5	0	0/0 1		YEND	
6	North Steel Pro B1-6	0	0/C √	-	Y Ø, N 🗅	
7 8	HTF Pumps	1 0	0/0	V	YEND	
9	HTF Heaters B1-8 South Steel Pro B1-9	0	0/C V	V	YZYN	
10	Lube Oil B1-10	10	0/0	V	YZNO	
11	Turbine Hose Stations B1-11	0	0/C ₁ /		YZN	
12	Turbine Bearings B1-12	0	0/C V	-	Y D N	
- 12	Turbine bearings B1-12		ed # 2 by	Overfloy		
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	0	0/C ₁ /	V	Y Z N 🗆	L670
2	Ullage Area B2-2	0	√ O/C	V	YOYNO	
3	Ullage Structure B2-11	0	√ O/C	>	Y V N	
4	Rack 1 Middle Area B2-5	0	✓ O/C	V	YUND	
5	Overflow Tanks B2-9	0	∨ 0/C	>	YEVN	
6	Rack 1 South Area B2-6	0	0/C ✓	\	Y 🗹 N 🗖	Loto
7	Rack 1 West B2-7	0	✓ O/C	>	YZN	
8	Rack 1 North Area B2-4	0	∨ O/C	>	YØ NO	
9	Over flow AFFF B2-8	0	∨ 0/C	>	Y DV N 🗖	
10	Expansion Vessel AFFF B2-3	0	√ 0/C	7	YEND	
	Valve	Shed # 3 b				
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	0	O/C V	>	YE NO	
2	Transformer Main	Ò	V0/C	V	Y 🗹 N 🗖	
	Valve	Shed # 4 b			Vest Side	
No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	170	✓ O/C	1:2	Y D N T	
		alve Shed				
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	140	√ 0/C		YND	
2	Offices B4-3	130	√ O/C	~	YOND	
3	Electrical Room 84-4 Turbine Sprinkler	130	少 O/C	bo locks	YZNO	on position)
Ma		Locked	Viv. Pos.	De locke	u iii tile op	Comments
No.	System Bearing 2	Y Z N D	J O/C			Commence
2	Bearing 3	YZN				
2						
3	Bearing 4	YUND	√ 0/C			
3 4	Bearing 4 Bearing 5	YZNO	√ 0/C	ocked in	the Open	Position)
4	Bearing 4 Bearing 5 HTF Deluge Sys	Y Ø N 🗆 Y Ø N 🗆 stem Valve	✓ O/C ✓ O/C s (To be L	ocked in	the Open	Position) Comments
4 No.	Bearing 4 Bearing 5 HTF Deluge Sys	Y Ø N D Y Ø N D stem Valve Locked	✓ O/C ✓ O/C s (To be L Viv. Pos.	ocked in	the Open	
4 No. 1	Bearing 4 Bearing 5 HTF Deluge System MP-201	Y Ø N 🗆 Y Ø N 🗆 stem Valve	✓ O/C ✓ O/C s (To be L	ocked in	the Open	
4 No.	Bearing 4	Y Ø N O Stem Valve Locked Y Ø N O	✓ O/C ✓ O/C s (To be L Viv. Pos.	ocked in	the Open	
4 No. 1 2	Bearing 4 Bearing 5 HTF Deluge Sy: System MP-201 MP-200A MP-200B	Y Ø N O Y Ø N O stem Valve Locked Y Ø N O	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓	ocked in	the Open	
4 No. 1 2 3 4	Bearing 4	Y Ø N O Y Ø N O stem Valve Locked Y Ø N O Y Ø N O	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ O/C ✓	ocked in	the Open	
4 No. 1 2 3 4	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D	Y Ø N O Y Ø N O Stem Valve Locked Y Ø N O Y Ø N O Y Ø N O	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ O/C ✓ O/C ✓			
No. 1 2 3 4 5	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D	Y Ø N O Y Ø N O Stem Valve Locked Y Ø N O Y Ø N O Y Ø N O Y Ø N O Y Ø N O Y Ø N O	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ O/C ✓ O/C ✓ O/C ✓ O/C ✓ O/C ✓ O/C ✓	eluge Sys		
4 No. 1 2 3 4 5 No.	Bearing 4	Y Ø N O Y Ø N O Stem Valve Locked Y Ø N O Y Ø N O Y Ø N O Y Ø N O Y Ø N O	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ O/C ✓ O/C ✓	eluge Sys		Comments
No. 1 2 3 4 5	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D	Y Ø N O Y Ø N O Stem Valve Locked Y Ø N O Y Ø N O Y Ø N O Y Ø N O Y Ø N O Y Ø N O PSI	V O/C V O/C S (To be L Viv. Pos. O/C V O/C O/C	eluge Syst		Comments
4 No. 1 2 3 4 5	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge	Y Ø N O Y Ø N O Stem Valve Locked Y Y N O Y Ø N O Y Ø N O Y Ø N O Y Ø N O PSI	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	eluge Sys: Locked Y N		Comments
4 No. 1 2 3 4 5 No.	Bearing 4	Y Ø N O Y Ø N O Stem Valve Locked Y Ø N O Y Ø N O Y Ø N O Y Ø N O Y Ø N O Y Ø N O PSI	V O/C V O/C S (To be L Viv. Pos. O/C V O/C O/C	eluge Syst		Comments
4 No. 1 2 3 4 5	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge	Y Ø N D Y Ø N D Stem Valve Locked Y Ø N D Y Ø N D Y Ø N D Y Ø N D Y Ø N D PSI Position O/C ✓	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	eluge Sys: Locked Y N D KS		Comments
No. 1 2 3 4 5 No.	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System	Y	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	eluge Sys: Locked Y N D KS		Comments
4 No. 1 2 3 4 5 No. 1 No. 1	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9	Y	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	Locked Y N D		Comments
4 No. 1 2 3 4 5 No. 1 No. 1 2 3 4 4 5	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10	Y	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	Locked Y N D		Comments
4 No. 1 2 3 4 5 No. 1 1 2 3 3	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11	Y	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	Locked Y N D		Comments
No. 1 2 3 4 5 No. 1 2 2 3 4 4 5 6 6	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 11	Y	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	Locked Y N D		Comments
4 No. 1 2 3 4 5 5 6 7	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1	Y	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	Locked Y N D		Comments
4 No. 1 2 3 4 5 No. 1 2 3 4 4 5 6 6 7 8	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2	Y	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	Locked Y N D		Comments
4 No. 1 2 3 4 5 No. 1 2 3 4 5 6 6 7 8 8 9	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3	Y N Y N	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	Locked Y N D		Comments
No. 1 2 3 4 5 No. 1 No. 1 2 3 4 5 6 7 8 9 10	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 #9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5	Y N Y N	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	Locked Y N D		Comments
No. 1 2 3 4 5 No. 1 No. 1 2 3 4 5 6 7 8 9 10 11	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6	Y	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	Locked Y N D		Comments
No. 1 2 3 4 5 No. 1 1 2 3 4 5 1 1 1 2 3 4 5 6 7 8 9 10 11 12	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	Y	✓ O/C ✓ O/C s (To be L Viv. Pos. O/C ✓ PIV Chec	Locked Y N D		Comments
No. 1 2 3 4 5 No. 1 No. 1 2 3 4 5 6 7 8 9 10 11	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4 West Side Power Block Valve Shed #1	Y N Y N	VO/C VO/C S (To be L Viv. Pos. O/C	Locked Y	tem	Comments
No. 1 2 3 4 5 No. 1 No. 1 2 3 4 5 6 7 8 9 10 11 12 13	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4 West Side Power Block Valve Shed #1	Y N Y N	VO/C VO/C S (To be L Viv. Pos. O/C	Locked Y	tem	Comments Comments
No. 1 2 3 4 5 No. 1 No. 1 2 3 4 5 6 7 8 9 10 11 12 13	Bearing 4 Bearing 5 HTF Deluge System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4 West Side Power Block Valve Shed #1	Y N Y N	VO/C VO/C S (To be L Viv. Pos. O/C	Locked Y N Date Cycled	tem	Comments

Date: 2/01/2022

Version: 00





Mojave Solar LLC

Fire Pump Weekly Test Log
General Information
Plant: Alpha B Beta D Date: 4/13/14
Operator: Roy Whitney *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:
Discharge Pressure:
Pump Suction Pressure: Pump Discharge pressure:
Comments: System Pown for indurgiound leak
Hectric Pump
Pre-start Inspection: Electrical Feed D Mechanical D Valves D
Start the pump on pressure drop. Start up pressure:
Start time:
Pump Suction Pressure: Pump Discharge pressure:
Stop time: Total time running
Comments: 3ystem nown for indiregiound lease
Diesel Pump
Pre-start Inspection: Coolant D Oil D Mechanical D Valves D Water Jacket Heater D
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:
Closed discharges for test: Initials Test complete, discharges opened: Initials
Comments: 5ystem down for indurground leave
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis),
his new direct direct three gump angine shall be lensed to use for emergency fire suppression, defined as in response to a fire or due to low file mater pressure. In addition, this engine shall be operated no more than 30 minutes an any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Addisonably, 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 (MFPA) 25. "Standards for the Inspection Testing, and Maintenance of Water Based Fire Systems" reusent addison. The hours of operation for source testing will not be counted towards either of the allowable around hours above. Note: Fuel consumption 27 gal/ hispproximately. There is no time on engine uperation for envergency use. (Title 17 CCR 93115 S/a)(A)



		Valve Sh	ed # 1 by	Condense	er	
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	O	0/C /	0	A A N D	
2	SG Unit 2 B1-2	0	O/C /		YUND	
3	Reheaters B1-3	0	0/C /	- /	YZNO	
4	Rack 2 West HTF B1-4	0	O/C /	/	YOND	
5	Rack 2 East HTF 81-5	0	0/C J		YZTND	
6	North Steel Pro B1-6	0	0/C V		YEV	
7	HTF Pumps B1-7	D	O/C /	7	Y D N D	
8	HTF Heaters B1-8	0	0/C -	-	YEND	
9	South Steel Pro B1-9	0	0/C -/	-	YZN	
10	Lube Oil 81-10	0	0/0		Y M N D	
11	Turbine Hose Stations B1-11	0	0/C V	-	YDND	
12	Turbine Bearings B1-12		hed # 2 by	Overflox		
					Locked	Comments
No.	System	PSI	Viv. Pos.	Signage	YZNO	L070
1	Expansion Vessels B2-1		0/C ·/		A S NO	2010
2	Ullage Area B2-2		V 0/C		YOND	
3	Ullage Structure 82-11		2,0/0	-	YZND	
4	Rack 1 Middle Area B2-5		, 0/C	J.	YZND	
5	Overflow Tanks B2-9		V 0/C	7	A B N D	L070
6	Rack 1 South Area B2-6		0/0 /	- y -	A B NO	
7	Rack 1 West B2-7		/ O/C	-	YEND	
8	Rack 1 North Area B2-4		7 O/C	- V.	YZNO	
9	Over flow AFFF 82-8		/ O/C	-/	YEND	
10	Expansion Vessel AFFF B2-3	ve Shed # 3 i	/ O/C	CE Flort	rical Rida	
				GE Elect	Locked	Comments
No.	System	PSI	Viv. Pos.	Signage	Y 12 N D	UG70
1	Transformer Aux	0		-	YD/ND	0010
2	Transformer Main	ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا	√o/c	Tower		
					vest side	Comments
No.	System	PSI	Viv. Pos.	Signage	YOND	Comments
1	Cooling Tower West Side	Valve Shed	√0/C			
					Locked	Comments
No.	System	PSI	Viv. Pos.	Signage	YEND	Comments
1	Control Room 84-5	150	√ O/C		YZNO	
2	Offices B4-3	150	✓ O/C		YOND	
3	Electrical Room 84-4 Turbine Sprinkl	/30	00/0	ho locko	d in the or	nen nosition)
		Locked	Viv. Pos.	De locke	a m the op	Comments
No.	System	Y D. N D				
1	Bearing 2	YEND				
2	Bearing 3	YMA				
3	Bearing 4	YEV				
4	Bearing 5 HTF Deluge	System Valv	es (To be l	ocked in	the Open	Position)
		Locked	Viv. Pos.	l l		Comments
No.	System	Y D N D				
1	MP-201	YEND				
2	MP-200A	YEND				
3	MP-200B	YEND				
4	MP-200C			-		
5	MP-200D	Fire Pum	House D	eluge Sys	tem	
					1	Comments
No.	System	PSI	O/C	Locked		Commence
1	Fire Pump House Deluge	180	0	YZND		
	Long sinksinked a state of the		PIV Chec			
Ne	Sustan	Position		Date		Comments
No.	System		1	Cycled	-	
1	Maintenance Shop Drive Way #7	0/0		-		
2	Maintenance Shop Drive Way #8	0/0	2			
3	West Side Power Block by VS-3 # 9	√0/C	/		1 020	
4	West Side Power Block by VS-1 # 10	0/0 /	1		1040	
5	West Side Cooling Tower by VS-4 # 11	0/C \	-		+	
-	West side Cooling Tower by VS-4 # 12	√ 0/C	/		LOFO	
6	N.W. Corner Chemical Storage #1	O/C -	1		1010	
6 7	N.E. Corner Chemical Storage # 2	O/C \	4-			
		O/C *		-		
7	East Side W.T. by Multimedia Filters # 3				1	
7 8	East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5	O/C -			+	
7 8 9	East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6	O/C ~				
7 8 9 10	East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	0/C ×				
7 8 9 10 11	East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	O/C ~			B4	

Date: 2/01/2022

Version: 00





Mojave Solar LLC

Fire Dumn Weakly Test Log

ine rump weekly	i est Log					
General Information						
Plant: Alpha 🗗 Beta D Da	ate: 4 / 70 / 24					
Operator: Roy whitney	*To be completed each time unit is operated.					
Reason for running pumps: Weekly test 🗹 Maintenance 🗆	☐ Emergency ☐					
Jockey Hectric Pun	np					
Pre-start Inspection: Electrical Feed Mechanical Mechanical	Valves □					
Check the jockey pump on pressure drop. Start up pressure:						
Discharge Pressure:						
	arge pressure:					
Comments: System down for margrown	id Icall					
Electric Pump						
Pre-start Inspection: Electrical Feed D Mechanical D	Valves D					
Start the pump on pressure drop. Start up pressure:						
Start time:						
Pump Suction Pressure: Pump Discharge pressure:						
Stop time: Total time running	Stop time: Total time running					
Comments: System down for margro	und leule					
Diesel Pump						
Pre-start Inspection: Coolant D Oil D Mechanical D Valves D Water Jacket Heater D						
Fuel level > 2/3: Yes D No D Monthly Fuel Consumption:						
Battery volt Crank 1: Battery volt Crank 2: Battery Condition:						
Starting hour meter: Start time:						
Oil pressure start: Oil Press	sure finish:					
Pump Suction Pressure: Pump Discharge pressure:						
Coolant temperature after 30 minutes running:						
Stop time: Stop hour meter: Total run time: Janua	ary 1st hour meter: Total YTD hours:					
	est complete, discharges opened: Initials					
Comments: System down for indurgiound Icall						
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED						
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).						
this new direct drive this pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low the water pressure. In addition, this engine shall be operated no more than 30 manufacture, one hour and no more than 19 hours per year for nitial stant 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 addition). The hours operation for source testing will not be counted towards either of the aboveable annual limits above. Note: Fuel consumettion 27 gal/ Napproximately. There is no limit on engine aperation for emergency use. Table 17 CCR 93115 Startell.						



No. 1 2		BETA:	ed # 1 by			perator Roy W
1	System	PSI		Signage	Locked	Comments
	SG Unit 1 B1-1	0	0/C V	V	YEND	
,	SG Unit 2 B1-2	0	0/C J	V	YDYND	
3	Reheaters B1-3	0	0/C /	V	YEND	
4		0	0/0	V	YDND	
		0	0/C t/	~	Y DV N 🗖	
5	Rack 2 East HTF B1-5		0/0 /	/	YZV	
6	North Steel Pro B1-6	0			YZN	
7	HTF Pumps B1-7	0	0/C V	V	YOVNO	
8	HTF Heaters B1-8	0	0/C -	~	YEVNE	
9	South Steel Pro B1-9	0	0/C V			
10	Lube Oil B1-10	O	0/C v	J	Y DZ, N D	
11	Turbine Hose Stations B1-11	٥	0/C V	V,	YOYND	
12	Turbine Bearings B1-12	0	0/C √		YZND	
			hed # 2 by			r
lo.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels 82-1		0/0/		YEND	1010
2	Ullage Area 82-2		√ O/C	1	YZND	
3	Ullage Structure B2-11		V 0/C	- J	Y D , N D	
4	Rack 1 Middle Area B2-5		V,0/C	V,	YEND	
5	Overflow Tanks B2-9	1	J 0/C	1	YEND	
6	Rack 1 South Area B2-6		0/C J	1	YZN	6010
7	Rack 1 West B2-7		√.0/C	1	Y DY N D	
			V0/C	V.	YWN	
8	Rack 1 North Area B2-4		V Ø/C	-/-	Y D/N D	
9	Over flow AFFF B2-8	-	VO/C	-	YEND	
10	Expansion Vessel AFFF B2-3	e Shed # 3 b	W Plda 21	GE Flore		<u> </u>
			Viv. Pos.		Locked	Comments
lo.	System	PSI		Signage	Y E / N D	Comments
1	Transformer Aux	0	0/C V	~	YEN N	
2	Transformer Main	146	~/ O/C			
	Valve	e Shed # 4 l			vest Side	
No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	150	~0/C		Y-D NO	
		Valve Shed				4
No.	System	PSI	Viy. Pos.		Locked	Comments
1	Control Room 84-5	150	1,0/C	V	YEND	
2	Offices 84-3	156	D/C		YZNO	
3	Flectrical Room R4-4	150	0/C		YOND	
	Turbine Sprinkler	Valves (Th	ese are to	be locke	d in the o	pen position)
No.	System	Locked	Viv. Pos.			Comments
1	Bearing 2	YEVND	V/0/C			
2	Bearing 3	YOND				
3	Bearing 4	YØ,NO				
4		YND				
4	Bearing 5 HTF Deluge S	estem Value	s (To be	ocked in	the Open	Position)
Ma.	System	Locked	Viv. Pos.			Comments
No.		Y'E'N				
1	MP-201	YEND				
2	MP-200A					
3	MP-200B	YEVND				
4	MP-200C	YD/ND				
5	MP-200D	_ Y Ø N □	0/C V		4222	
		Fire Pump	House D	eiuge Sys	tem	
Vo.	System	PSI	O/C	Locked		Comments
		16.0	0	YE NO		
1	Fire Pump House Deluge	150	PIV Chec			
				Date		Comment
No.	System	Position	Cycled	Cycled	= =	Comments
1	Maintenance Shop Drive Way #7	0/C ~		- 3000000		
	Maintenance Shop Drive Way #8	0/C V				
	West Side Power Block by VS-3 # 9	J 0/C				
2	West Side Power Block by VS-1 # 10	0/0	/		LOTO	
2	LANGE FOWER BLOCK DV A 2-1 # 10		-		-5,0	
2 3 4		010	11			
2 3 4 5	West Side Cooling Tower by VS-4 # 11	0/0				
2 3 4 5 6	West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12	/ O/C ·			[m 1 -1	
2 3 4 5	West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1	√ 0/C · 0/C√			LOFO	
2 3 4 5 6	West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12	0/C · O/C · O/C ·			Loto	
2 3 4 5 6 7	West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1	√ 0/C · 0/C√			Loto	
2 3 4 5 6 7 8 9	West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3	0/C · O/C · O/C ·			Loto	
2 3 4 5 6 7 8 9	West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage # 1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5	0/C · O/C ·			Loto	
2 3 4 5 6 7 8 9 10	West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage # 1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6	0/C V 0/C V 0/C V 0/C V 0/C V			LOFO	
2 3 4 5 6 7 8 9	West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage # 1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4 West Side Power Block Value Shed # 1	0/C √ 0/C √ 0/C √ 0/C √ 0/C √ 0/C √	,			
2 3 4 5 7 3 9 0 1	West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage # 1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4 West Side Power Block Value Shed # 1	0/C V 0/C V 0/C V 0/C V 0/C V	,	ay of Eve		



General Info	rmation				
Plant: Alpha Ø Beta □	Date: 4/27/24				
Operator: Jose Garcia	*To be completed each time unit is operated.				
Reason for running pumps: Weekly test 🗹 Maintenanc	e 🛘 Emergency 🗆				
Jockey Electronic Control of the Con	ric 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: All Fire System is down to	underground leaks				
Electric F	Pump				
Pre-start Inspection: Electrical Feed ☐ Mechanical 〔	□ Valves □				
Start the pump on pressure drop. Start up pressure:					
Start time:					
Pump Suction Pressure: Pump D	vischarge pressure:				
Stop time: Total time running					
Comments:					
Diesel P	ump				
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 Wear West	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 t	weight basis).				
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated now 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))					



Automated Fire Systems Inspection Checklist

BETA: Date: 4/5/24 Plant: ALPHA Valve Shed # 1 by Condenser Comments Locked Viv. Pos. | Signage System YO NE 0/C / SG Unit 1 Y D N Z 0/C V 0 SG Unit 2 B1-2 O/C 2 Y D N 6 1 Reheaters YO N O/C J 0 Rack 2 West HTF Y D N 0/C V 0 Rack 2 East HTF B1-YO NE 0 O/C V B1-6 North Steel Pro Y D N Z 0/C V HTF Pumps B1-7 00 O/C -Y D N G HTF Heaters O/C 2 0 Y D N 🗹 South Steel Pro B1-9 YE NO LOTO O O/C Lube Oil 10 YEND 1010 0/C V B1-11 0 11 **Turbine Hose Stations** YE NO 10+0 Turbine Bearings B1-12 12 Valve Shed # 2 by Overflow Locked Comments Viv. Pos. Signage System PSI No. YEND 10440 Ò 0,0 Expansion Vessels 160 **O**/C B2-2 Ullage Area YZND 160 O/C Ullage Structure B2-11 YE NO 160 Rack 1 Middle Area YEND 0/0 Overflow Tanks YEND 1040 0/0 0 Rack 1 South Area YEND V 160 O/C B2-7 Rack 1 West 155 Rack 1 North Area O/C 8 YO NE 160 Ø/C Over flow AFFF Y D N M 160 Expansion Vessel AFFF 82-3 Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments Viv. Pos. | Signage | PSI No. System 150 **@**/C Transformer Aux YE NO (9/C 150 Transformer Main Valve Shed # 4 by Cooling Tower West Side Comments Viv. Pos. | Signage System 0 0/6 ✓ Y ☑ Valve Shed # 5 by Control Bldg 10 Cooling Tower West Side Comments Locked PSI Viv. Pos. Signage System No. YO NO 150 O/C Control Room Y I N I 150 O/C Offices Y D N D 150 0 Electrical Room Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. VII NIE Ø/C Bearing 2 **0**/C YD NZ Bearing 3 Y D N Z Bearing 4 Y D N M Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Comments Locked Viv. Pos. System YO NE MP-201 YO NE MP-200A YO NE **O**VC MP-200B YO NE Q/C MP-2000 YONE O/C MP-200D Fire Pump House Deluge System Comments Locked System No Y D N D 1000 Fire Pump House Deluge PIV Checks Date Comments Position Cycled No. Cycled 0/C **×** Maintenance Shop Drive Way #7 4-7-24 **√** 0/C Maintenance Shop Drive Way #8 4-7-24 Ø/C West Side Power Block by VS-3 # 9 0,0 West Side Power Block by VS-1 # 10 4 4-7-24 West Side Cooling Tower by VS-4 # 11 4-7-24 West side Cooling Tower by VS-4 # 12 4-7-24 O/C N.W. Corner Chemical Storage #1 - 7- 24 0/0 N.E. Corner Chemical Storage # 2 8 4-7-24 East Side W.T. by Multimedia Filters # 3 , O/C 4-7-24 East Side W.T. by Multimedia Filters # 5 O/C 10 4-7-24 0 North Side Bldg 10 # 6 11 0/C 🤸 Between MP-444's and Water Treat # 4 12 O/C V 4-7-24 Cycled First Saturday of Every Month West Side Power Block Valve Shed #1 To Be Comments / Actions 570-No0040-MT-FOR-000027 Automated Psystem Inspection Checklist Debris Page 296-6604020280R-0000

Y D N S

1Revised 09/24/2019

Transformer Yard Refuse Check



/ General Inf	ormation					
Plant: Alpha □ Beta D	Date: 4/6/24					
Operator: Anthony	*To be completed each time unit is operated.					
Reason for running pumps: Weekly test Maintenan	nce 🗆 Emergency 🗆					
Jockey Elect	tric 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	mp Discharge pressure:—					
Comments:						
Electric						
Pre-start Inspection: Electrical Feed	Valves 🛮					
Start the pump on pressure drop. Start up pressure: 145						
Start time: 2210	NAME OF					
Pump Suction Pressure: 25 Pum	np Discharge pressure: 150					
Stop time: 2220 Total time runn	ning 10 min					
Comments:						
Diesel	Pump					
Pre-start Inspection: Coolant □ Oil □ Mechanica	ıl □ 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: Did not test (EOPS only)						
Sulfur Concentrations (less than or equal to 0.0015% on a weight pe	r weight basis).					
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hourand 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)]						



Transformer Yard Refuse Check

Automated Fire Systems Inspection Checklist

BETA: Date: 04/12/24 Operator Roy.W Plant: ALPHA Valve Shed # 1 by Condenser Viv. Pos. Signage Locked Comments PSI System Y D N C O/C V SG Unit 1 0 YO NO O/C V SG Unit 2 B1-2 0 0 O/C V YO NE Reheaters O/C V Y D N Z 0 Rack 2 West HTF 0/C 🗸 YO N 🗹 Rack 2 East HTF B1-5 0 0/C V 0 Y D N Z North Steel Pro 6 0/C V YO NE ō B1-7 HTF Pumps Ò 0/C V Y D N T 8 HTF Heaters B1-8 0/C 🗸 ø Y D N D South Steel Pro O/C 0 YEND 10 Lube Oil B1-10 0/C 🗸 YE NO δ 11 Turbine Hose Stations YMND 0/C V 0 12 Turbine Bearings B1-12 Valve Shed # 2 by Overflow Locked Comments PSI Viv. Pos. Signage System 0/C **√** YEND 0 Expansion Vessels JO/C Y 🔯 N 🗖 Ullage Area 151 YEND Ullage Structure B2-1 O/C YEND **✓** 0/C 170 Rack 1 Middle Area YEND 151 V 0/C Overflow Tanks 0 YND 0/0 Rack 1 South Area B2-6 151 YM ND **✓** O/C Rack 1 West 151 **√** 0/C Y MY N 🗆 Rack 1 North Area VO/C Y D N Z 151 Over flow AFFF 151 ~ O/C YO NO Expansion Vessel AFFF B2-3 10 Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments PSI Viv. Pos. | Signage Locked System **√** 0/C Transformer Aux 151 V O/C Transformer Main Valve Shed # 4 by Cooling Tower West Side Comments PSI Viv. Pos. Signage O/C ✓ Y System No. YND Cooling Tower West Side O 0/C **~** Valve Shed # 5 by Control Bldg 10 Viv. Pos. | Signage Comments Locked PSI No. System **✓** 0/C Y N 151 Control Room YMN Offices ✓ 0/C 151 Y II N N Electrical Room Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. Y | N | / O/C Bearing 2 Bearing 3 Bearing 4 Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Locked Viv. Pos.
Y Ø N G VO/C
Y Ø N G VO/C Comments System MP-201 MP-200A YEND O/C MP-200B 3 MP-2000 YEND VO/C 5 MP-200D Fire Pump House Deluge System O/C Locked Comments System 70 YEND Fire Pump House Deluge PIV Checks Comments **Position** Cycled No. Maintenance Shop Drive Way #7 O/C Maintenance Shop Drive Way #8 O/C **√** 0/C West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 O/C **√** 0/C West Side Cooling Tower by VS-4 # 11 **√** 0/C **√** 0/C West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 **√** 0/0 N.E. Corner Chemical Storage # 2 0/0 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 O/C **√** 0/0 North Side Bldg 10 # 6 11 Between MP-444's and Water Treat # 4 0/0 12 West Side Power Block Valve Shed #1 13 To Be Cycled First Saturday of Every Month Comments / Actions
Page 298 of 4228 R-0000 570-No.0040-MT-FOR-000027 Automated Psystem in Supertion Checklist Debris





General Information					
Plant: Alpha □ Beta 又 Da	ate: 4-12-24 and 4-14-24				
Operator: Espain / Anthony	*To be completed each time unit is operated.				
Reason for running pumps: Weekly test 🗶 Maintenance 🗆	Emergency 🗆				
Jockey Electric Pur	mp				
Pre-start Inspection: Electrical Feed 🗹 Mechanical 🗹	Valves 🖟				
Check the jockey pump on pressure drop. Start up pressure: 15	55				
Discharge Pressure: 162					
Pump Suction Pressure: — Pump Discha	arge pressure:				
Comments:					
Electric Pump					
Pre-start Inspection: Electrical Feed Mechanical Mechanical	Valves 🗹				
Start the pump on pressure drop. Start up pressure: 45					
Start time: 2005	and procedure: 150				
Pump Suction Pressure: 20 Pump Discharge pressure: 150					
Stop time: 2015 Total time running 0	Tolan.				
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, 5 Battery Condition:					
Starting hour meter: 135.8 Start time: 0908					
Oil pressure start: $4\rho s_i^2$ Oil Pressure finish: $24\rho s_i^2$					
Pump Suction Pressure: 25 ps; Pump Discharge pressure: 150 ps;					
Coolant temperature after 30 minutes running: 208 after 23 min					
Stop time: 6931 Stop hour meter: 136.1 Total time running: 23 min					
Comments: confractor instructed to short down duce to issues					
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight	basis).				
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/ h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]					



370-NE0040 MT-FOR-000027 Automated PSystemms Inspection Checklist

Transformer Yard Refuse Check

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

BETA: Date: 4/22/24 Operator Anthony Plant: ALPHA □ Valve Shed # 1 by Condenser Comments Locked Viv. Pos. | Signage System YO NO Whole Shed valved out O/C SG Unit 1 Y D N D 0/0 SG Unit 2 Y D N D 0/0 Reheaters YD ND 0/0 Rack 2 West HTF B1-4 VI NI Rack 2 East HTF 0/0 YD ND B1-6 North Steel Pro Y D N D 0/0 HTF Pumps Y D N D B1-8 O/C HTF Heaters YD ND O/C 9 South Steel Pro B1-9 O/C Y I N I Lube Oil YD ND 0/0 Turbine Hose Stations B1-11 YO NO 0/0 Turbine Bearings 12 Valve Shed # 2 by Overflow Comments Viv. Pos. Signage Locked No. System VO NO VOIVED OUT **Expansion Vessels** YND 165 0/0 Ullage Area B2-2 **√**0/C Ullage Structure 10/0 V YEND B2-5 Rack 1 Middle Area VOIC Overflow Tanks B2-9 YD NO VAIVED OUT Rack 1 South Area B2-6 160 10/0 B2-7 B2-4 Rack 1 West 100 Rack 1 North Area Y N O **√**0/C V Over flow AFFF 1/O/C Valve Shed # 3 by Bldg 35 GE Electrical Bldg Expansion Vessel AFFF 10 Comments PSI Viv. Pos. Signage Locked System YEND 160 VO/C V Transformer Aux YDND Valve Shed # 4 by Cooling Tower West Side Transformer Main Viv. Pos. | Signage Comments PSI System No. YO NO Valved out/Lota O/C Cooling Tower West Side Valve Shed # 5 by Control Bldg 10 Comments PSI Viv. Pos. Signage Locked System VOIC YEND 160 V Control Room V 0/C YEND Turbine Sprinkler Valves (These are to be locked in the open position) B4-3 Electrical Room Locked Viv. Pos. System Y D NO OK Bearing 2 Y D N D O/C

HTF Deluge System Valves (To be Locked in the Open Position) Bearing 3 Bearing 4 4 Bearing 5 Comments Locked Viv Pos. System MP-201 MP-200A MP-200B 3 MP-2000 4 MP-200D Comments System OPEN Y PIV Checks YDNO 190 Fire Pump House Deluge Comments **Position** Cycled No. OICV Maintenance Shop Drive Way #7 VO/C Maintenance Shop Drive Way #8 VO/C West Side Power Black by VS-3 # 9 6/0 West Side Power Block by VS-1 # 10 10/C 10/C West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 VOL N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 10/0 8 VOIC East Side W.T. by Multimedia Filters # 3 V6/C 10 East Side W.T. by Multimedia Filters # 5 VO/C North Side Bldg 10 # 6 VOIC V Between MP-444's and Water Treat # 4 12 West Side Power Block Valve Shed #1 13 To Be Cycled First Saturday of Every Month Comments / Actions

¥□: N□

of 1Revised 09/24/2019

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General Information						
Plant: Alpha 🗆 Beta	Date: 4/22/2/					
Operator: Forc'n	*To be completed each time unit is operated.					
Reason for running pumps: Weekly test Maintenar	nce 🛘 Emergency 🖟					
Jockey Elec	ctric Pump					
Pre-start Inspection: Electrical Feed Mechanical						
Check the jockey pump on pressure drop. Start up pressure: 155						
Discharge Pressure: (69						
Pump Suction Pressure: Pump	o Discharge pressure: ————————————————————————————————————					
Comments:						
Electric						
Pre-start Inspection: Electrical Feed Mechanical	\(\alpha\)					
Start the pump on pressure drop, start up pressure 47						
Start time: //2 //	Discharge pressure: \ \(\frac{5}{5} \)					
Comments:						
Diesel	Pump					
Pre-start Inspection: Coolant □ Oil □ Mechanica	I □ 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: No Test due to =	Pump issues					
Sulfur Concentrations (less than or equal to 0.0015% on a weight pe	er weight basis).					
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated now 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)]						





G70-No0040-MT-FOR-000027 Automated FSystem in Superction Checklist

Transformer Yard Refuse Check

Mojave Solar LLC

Automated Fire Systems Inspection Checklist 24 Operator FIRE C ВЕТА: Date: Plant: ALPHA Valve Shed # 1 by Condenser Comments Viv. Pos. Signage Locked System 0/C**/** Y 🗆 N 🌃 SG Unit 1 P.I.V Securea. Y D N D O/C 🗸 B1-2 SG Unit 2 YD NZ 0/C 🌙 Reheaters B1-3 Y 🗆 N 🗷 ✓ O/C Rack 2 West HTF Y 🗆 N 🌌 / O/C Rack 2 East HTF B1-5 Y 🗆 N 🌽 O/C North Steel Pro Y D NJZ O/C > HTF Pumps B1-7 Y O NZ Q/C 8 HTF Heaters Y D N South Steel Pro B1-9 Y D N Z O/C / Lube Oil B1-10 YN 0/C / Turbine Hose Stations 11 YND O/C 12 Turbine Bearings B1-12 Valve Shed # 2 by Overflow Comments Viv. Pos. Signage Locked System 0/C Y N 🗆 **Expansion Vessels ∕** 0/C Y N DIV 2 Securetty Ullage Area Y. N D **√** O/C Ullage Structure B2-11 YA N ✓ O/C Rack 1 Middle Area 4 Y N N D V 0/C B2-9 Overflow Tanks O/C 6 Rack 1 South Area Y N N **∕** O/C Rack 1 West **/** O/C Rack 1 North Area Y N 10/C Over flow AFFF Y N Expansion Vessel AFFF B2-3 VO/C 10 Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments Viv. Pos. Signage Locked System YO NA 160 Transformer Aux Valve Shed # 4 by Cooling Tower West Side
PSI Viv. Pos. Signage YND Transformer Main Comments System No. Valve Shed # 5 by Control Bidg 10 Cooling Tower West Side Comments Locked PSI Viv. Pos. Signage No. System . O/C YZND Control Room **10/C** YO NO Offices 60 Turbine Sprinkler Valves (These are to be locked in the open position) Electrical Room Locked Viv. Pos. Y 🗆 N 🗖 🥒 O/C Bearing 2 Y D ND VO/C Bearing 3 Y□ Np. ✓O/C Y□ Np. ✓O/C HTF Deluge System Valves (To be Locked in the Open Position) Bearing 4 Bearing 5 Comments Locked Viv. Pos. System Y D N 🌌 O/C. MP-201 Y D N D O/C MP-200A YOND MP-200B O/C 🌙 Y D N D O/C 🏏 MP-200C YOND O/C MP-200D Fire Pump House Deluge System Comments O/C Locked PSI System Z NO PIV Checks Fire Pump House Deluge Comments Cycled Position No. Cycled O/C V Maintenance Shop Drive Way #7 O/C Maintenance Shop Drive Way #8 2 V0/C West Side Power Block by VS-3 # 9 out of sirvice O/CV West Side Power Block by VS-1 # 10 ✓ O/C West Side Cooling Tower by VS-4 # 11 / O/C West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 O/C / N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 / 0/0 **V** 0/0 East Side W.T. by Multimedia Filters # 5 VO/C North Side Bldg 10 # 6 0/0 Between MP-444's and Water Treat # 4 12 V 0/C West Side Power Block Valve Shed #1 13 Cycled First Saturday of Every Month To Be

Debris

Comments / Actions

Page 30/2-10 fo/40/2/280R-0000.77



General Information							
Plant: Alpha □ Beta 🗹	Date: 4/27/24						
Operator: Juse Harcia	*To be completed each time unit is operated.						
Reason for running pumps: Weekly test Maintenand	ce 🗆 Emergency 🗆						
Jockey Elect							
Pre-start Inspection: Electrical Feed 🗹 Mechanical	Valves 🛭						
Check the jockey pump on pressure drop. Start up pressure: 155 951							
Discharge Pressure: 160 ps 1							
Pump Suction Pressure: N/A Pump	Discharge pressure: /60 psi						
Comments:							
Electric Electric	Pump						
Pre-start Inspection: Electrical Feed Mechanical							
Start the pump on pressure drop. Start up pressure:							
Start time: Z9/0							
Pump Suction Pressure: 15 95 1 Pump I	Discharge pressure: 156 PS1						
Stop time: 7420 Total time running	3 10 mir						
Comments:							
Diesel	Pump						
Pre-start Inspection: Coolant □ Oil □ Mechanical	□ Valves □ Water Jacket Heater □						
Fuel level > 2/3: Yes □ No □ Month	lly 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: Delnt run Diesel pump v	intil Further notice.						
Sulfur Concentrations (less than or equal to 0.0015% on a weight per							
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated now 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)]							



Transformer Yard Refuse Check

Automated Fire Systems Inspection Checklist

BETA: Date: 5/10/14 Plant: ALPHA □ Valve Shed # 1 by Condenser System PSI Viv. Pos. | Signage | Locked Comments SG Unit 1 00 Y D N T Y D N 0/ SG Unit 2 B1-2 Y D N 0/ Reheaters B1-3 0 YD N Rack 2 West HTF 0/ 00 0/ Y D N Rack 2 East HTF 0/ A 🗆 N 👣 North Steel Pro 6 0 Y D N HTF Pumps 0/ 0 Y D N 0/ 8 HTF Heaters B1-8 0 Y D N D 9 South Steel Pro 0/ Y D N D Lube Oil B1-10 0/4 0/0 Y D N D Turbine Hose Stations 11 B1-1 YO NO 12 Turbine Bearings B1-12 0/0 Valve Shed # 2 by Overflow Comments No. System PSI Viv. Pos. Signage Locked Y D N D Expansion Vessels Y I N I Ullage Area Ullage Structure 140 D/C Y D N D Υd Φ/C N Rack 1 Middle Area 140 4 B2-5 ₫/c Y D N D Overflow Tanks ~ YOU NO 165 Rack 1 South Area B2-6 Φ/C YII NII Rack 1 West Ø/C Rack 1 North Area Ø/C YII NO Y D N D Over flow AFFF TUS Q/C 9 YID N 🗖 B2-3 Valve Shed # 3 by Bldg 35 GE Electrical Bldg 10 Expansion Vessel AFFF Comments System PSI Viv. Pos. | Signage Locked YO NO Transformer Aux Transformer Main Valve Shed # 4 by Cooling Tower West Side Viv. Pos. Signage PSI Comments System No. Valve Shed # 5 by Control Bldg 10 Cooling Tower West Side Viv. Pos. Signage No. System PSI Locked Comments Control Room YD NO 140 YD ND Offices YO NO Φ/C Electrical Room Turbine Sprinkler Valves (These are to be locked in the open position) Comments Locked Viv. Pos. YO NO Bearing 2 Bearing 3 Y D N C D/C Bearing 4 YO NO Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Comments Lockedy Viv. Pos. No. System MP-201 Y D N YO NO MP-200A 0/0 MP-200B Y D N 0/ YOND MP-2000 0/ Y D N 5 MP-200D 0/0 Fire Pump House Deluge System No. O/C Locked Comments System NO Fire Pump House Deluge 170 Date Position Cycled Comments 0/8 Maintenance Shop Drive Way #7 BIC BIC Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 0/0 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 B/C West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 10 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4 0/8 12 13 West Side Power Block Valve Shed #1 To Be Cycled First Saturday of Every Month Comments / Actions age 304 60641228 R-000037 G70-NG0040-MT-FOR-000027 Automated PSystem is Inspection Checklist Debris Y | N | Page 1 of 1Revised 09/24/2019



General Information					
Plant: Alpha 🗆 Beta 🔽	Date: 5/1// 24				
Operator: Erick	*To be completed each time unit is operated.				
Reason for running pumps: Weekly test Maintenance	☐ Emergency □				
Jockey Electri	c Pump				
Pre-start Inspection: Electrical Feed Mechanical	Valves				
Check the jockey pump on pressure drop. Start up pressure: /	55				
Discharge Pressure: 160					
Pump Suction Pressure: Pump D	vischarge pressure: /b C				
Comments:					
Electric Pu	ump				
Pre-start Inspection: Electrical Feed	Valves-				
Start the pump on pressure drop. Start up pressure: $/45$					
Start time: 20:5%					
Pump Suction Pressure: /5 Pump Discharge pressure: /50					
op time: 21.08 Total time running	10 min.				
Comments:					
Diesel Pu	ımp				
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	attery Condition: Good				
Starting hour meter: /36. /	tart time: \mathcal{N}/\mathcal{A}				
Oil pressure start: V/A Oil Pressure finish: V/N —					
Pump Suction Pressure: Pump Discharge pressure: NIA					
Coolant temperature after 30 minutes running:					
Stop time: Stop hour meter: /30.	Total time running: N/7				
Comments:					
Sulfur Concentrations (less than or equal to 0.0015% on a weight per w					
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. e: Fuel consumption 27 gal/ h approximately, e is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]					



	Plant: ALPHA Q	вета:	Date: C	5/11/	24 000	eratorSch
	7,0,10, 1,2,1,1,1	Valve She	ed # 1 by	Condens	er	
No.	System	PSI	Viv. Pos.		Locked	Comments
1	SG Unit 1 B1-1		O/C //	1	YD/ND	The whole speak loto out
2	SG Unit 2 B1-2		O/C √,	_ V	YAZI/NO	
3	Reheaters B1-3		O/C i/,	-V/	Y DV N D	
4	Rack 2 West HTF B1-4		O/C 1/	V	YDN	
5	Rack 2 East HTF B1-5		O/C /		Y IZV N 🗆	
6	North Steel Pro B1-6		O/C /	V/	YD, NO	
	HTF Pumps B1-7		0/C //	V/	Y D/N D	
_	HTF Heaters B1-8		0/C //	V	YD, ND	
9	South Steel Pro B1-9		0/C V,	-/-	YDND	
10	Lube Oil B1-10		O/C 1/	/-//	YIZ	
11	Turbine Hose Stations B1-11		0/C V/	1	Y DV N 🗆	
12	Turbine Bearings 81-12		0/C y	0 1	YMN	
			ed # 2 by			Comments
No.	System	PSI	Viv. Pos.	Signage		lo to out
1	Expansion Vessels B2-1		0/C W		YDA	1010 000
2	Ullage Area B2-2		O/C		YEND	
3	Ullage Structure B2-11		O/C V		YEVAND	
4	Rack 1 Middle Area B2-5		0/C V		Y ID/N I	
5	Overflow Tanks 82-9		0/C V	1/	YED, NO	loto var
6	Rack 1 South Area B2-6		0/C V/		YDZ/NO	[040 81
7	Rack 1 West B2-7		0/C V		Y ZZ/ N D	
8	Rack 1 North Area B2-4		0/C 1/		YEZ/NO	
9	Over flow AFFF B2-8		0/C V		YEND	
10	Expansion Vessel AFFF B2-3	Shed # 3 b	- DI- 35	CE Floor		
					Locked	Comments
No.	System	PSI	Viv. Pos.	Signage	YDND	loto out
1	Transformer Aux	100	0/0 /	V	YOND	1010 0001
2	Transformer Main	/5 ^Q Shed # 4 b	0/C 1/	Towark		
			Viv. Pos.	Signage	vest side	Comments
No.	System	/ 20		Signage	YDNO	Comments
1	Cooling Tower West Side	/alve Shed	√0/C	neval Bld		
		PSI	Viv, Pos.		Locked	Comments
No.	System	120			Y Z N D	Comments
11	Control Room 84-5	120	VOIC	V	Y DZ N 🗆	
2	Offices B4-3	120	VO/C	N	YEV NO	
3	Electrical Room 84-4 Turbine Sprinkler	Values (The	oso are to	he locke	d in the on	en nosition)
		Locked	Viv. Pos.	De locke	u iii tile op	Comments
No.	System 2	YOUND				
1 2	Bearing 2	YZZ/NO				
	Bearing 3	Y D /N D	V/0/C			
3 4	Bearing 4	Y D N D	VOIC			
4	Bearing 5 HTF Deluge Sy:	stem Valve	s (To be I	ocked in	the Open	Position)
No.	System	Logked	Viv. Pos./		p	Comments
1	MP-201	YZZNO	0/C V			
		YW, NO	0/C v/,			
2	MP-200A MP-200B	Y D NO	0/C V			
3		YMA	0/C v	-		
4	MP-200C	YD NO	0/0			
5	MP-200D	Fire Pump	House D	eluge Svs	tem	
		020			The state of the s	Comments
No.	System	PSI	O/C	Locked		Commence
1	Fire Pump House Deluge	200		YZZNO		
77			PIV Chec			
No.	System	Position	Cycled	Date Cycled		Comments
1	Maintenance Shop Drive Way #7	.0/C V	1	Lycled		
2	Maintenance Shop Drive Way #7	V 0/C				
3	West Side Power Block by VS-3 # 9	0/0/				
4	West Side Power Block by VS-1 # 10	0/C V			loto	out
	West Side Power Block by VS-1 # 10	,0/C V			10.0	
5 6	West side Cooling Tower by VS-4 # 12	V 0/C				74
7	N.W. Corner Chemical Storage #1	O/CV			1000	out
	N.E. Corner Chemical Storage # 2	V D/C			J = -	
8	East Side W.T. by Multimedia Filters # 3	V,0/C				
9	East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5	V 0/C				
10		10/C	-	-	+	
11	North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	O/C V				
12	West Side Power Block Valve Shed #1	0/0				
13	To Re	Cycled Fir	st Saturd	av of Eve	ry Month	
570- M5- 0040	MT-FOR-000027 Automated Plasterms Inspection Checklist	Debris /		1		Comments / Actions
1	Transformer Yard Refuse Check		of 1Revised			Page 306 of 1228 -0000
	Transformer rare netase effects	Page 1	of 1Revised	109/24/2019		r aye out tizzo



General Info				
Plant: Alpha ☑ Beta ☐	Date: 5/12/24			
Operator: Roy . W	*To be completed each time unit is operated.			
Reason for running pumps: Weekly test 🗹 Maintenan	ce 🗆 Emergency 🗆			
Jockey Elect	ric Pump			
Pre-start Inspection: Electrical Feed 🗹 Mechanical	Valves 🖭			
Check the jockey pump on pressure drop. Start up pressure: /	55 psi			
Discharge Pressure: 165 pら、				
Pump Suction Pressure: W/L	np Discharge pressure: (65 psi			
Comments:				
Electric I	Pump			
Pre-start Inspection: Electrical Feed Mechanical	□ Valves □			
Start the pump on pressure drop. Start up pressure:				
Start time:				
Pump Suction Pressure: Pum	p Discharge pressure:			
op time: Total time runn	ing			
Comments: Cul et Service Duc to induground lance				
Diesel F				
Pre-start Inspection: Coolant ☐ Oil ☐ Mechanical	□ Valves □ Water Jacket Heater □			
Fuel level > 2/3: Yes □ No □ Mor	nthly 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: out of Service Due to indugeound leak				
Sulfur Concentrations (less than or equal to 0.0015% on a weight per	weight basis).			
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition), The hours of operation for source testing will not be counted towards either of the allowable annual limits above. **Tote: Fuel consumption 27 gal/ h approximately, **Tote: Fuel consumption 27 gal/ h approximately, **Tote: Institute of engine operation for separation for separation for emergency use. [Title 17 CCR 93.115.6(a)[41]]				



Transformer Yard Refuse Check

Automated Fire Systems Inspection Checklist

Operator Ray . W Plant: ALPHA D BETA: Date: 5/18/24 Valve Shed # 1 by Condenser Comments PSI Viv. Pos. Signage Locked System Y D N D SG Unit 1 0/C V B1-1 Y D N D 0/0 ISG Unit 2 B1-2 C Y D N C 0/0./ Reheaters B1-3 0/CV YD NU 0 Rack 2 West HTF V Y II N IQ o 0/C 🗸 Rack 2 East HTF B1-5 O 0/C~ YO NE North Steel Pro B1-6 O O/C ~ Y D NET HTF Pumps Y D N D 0/CV 8 HTF Heaters B1-8 0 V Y D N E South Steel Pro O/CV 0 0/0 0 YO NE 10 Lube Oil B1-10 O O/C V Y II N II' Turbine Hose Stations 11 B1-11 YEND 0/CV 12 Turbine Bearings Valve Shed # 2 by Overflow Comments PSI Viv. Pos. Signage Locked System YE NO LOYG G 0/C V Expansion Vessels YO NO O O/C v Ullage Area B2-2 0/0 J Y D N P 8 Ullage Structure YD NO 0/C~ V Rack 1 Middle Area 0/C V Overflow Tanks 0 YO NO 0/0~ Rack 1 South Area YONE 0/C V Rack 1 West 0 V 0/C V Y D N D Rack 1 North Area Over flow AFFF 0 0/0/ YO NE 9 0/0 YO NO 0 10 Expansion Vessel AFFF Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments Viv. Pos. Signage Locked System PSI 155 V 0/C Y D N O Transformer Aux √ O/C YD NE Transformer Main Valve Shed # 4 by Cooling Tower West Side Viv. Pos. Signage Comments PSI System 16 Cooling Tower West Side O/C Valve Shed # 5 by Control Bldg 10 Locked
YNND
YND Comments Viv. Pos. Signage System PSI V 0/C Control Room B4-5 155 Offices VO/C Electrical Room VO/C Turbine Sprinkler Valves (These are to be locked in the open position)
 Locked
 Viy. Pos.

 Y □, N □
 ✓ O/C

 Y □, N □
 ✓ O/C

 Y □, N □
 ✓ O/C

 Y □, N □
 ✓ O/C
 System Bearing 2 Bearing 3 Bearing 4 YV NO VO/C Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Comments Locked Viv. Pos. System No. Y D NE MP-201 O/CV YO NO O/C * MP-200A Y D N D O/C MP-200B 0/C YO NO MP-200C YO NO 0/C Y MP-200D 5 Fire Pump House Deluge System Comments System YEND Fire Pump House Deluge COC **PIV Checks** Date Comments **Position** Cycled 0/C / Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 V 0/C V 0/C West Side Power Block by VS-3 # 9 Loto West Side Power Block by VS-1 # 10 0/C **~** _O/C West Side Cooling Tower by VS-4 # 11 V 0/C West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 0/C > ~ O/C N.E. Corner Chemical Storage # 2 V 0/C East Side W.T. by Multimedia Filters # 3 V 0/0 East Side W.T. by Multimedia Filters # 5 10 Ø 0/C 11 North Side Bldg 10 # 6 12 Between MP-444's and Water Treat # 4 O/C West Side Power Block Valve Shed #1 To Be Cycled First Saturday of Every Month Comments / Actions 570-N600040-MT-FOR-000027 Automated Psystem in Inspection Checklist Y | N | Of 1Revised 09/24/2019 Page 308 60 1228 R-0000



General Info	rmation					
Plant: Alpha 🕽 Beta 🗆	Date: 05/19/24					
Operator: Sose harce	*To be completed each time unit is operated.					
Reason for running pumps: Weekly test 🏑 Maintenanc	e 🗆 Emergency 🗆					
Jockey Electr	ic Pump					
Pre-start Inspection: Electrical Feed Mechanical	Ū Valves █					
Check the jockey pump on pressure drop. Start up pressure: 155 ps						
Discharge Pressure: 165 Q51						
Pump Suction Pressure: N/A Pum	p Discharge pressure: 162 g s1					
Comments:						
Electric P	ump					
Pre-start Inspection: Electrical Feed 🗹 Mechanical	☑ Valves ☑					
Start the pump on pressure drop. Start up pressure: 146						
Start time: 227						
Pump Suction Pressure: LSps1 Pump	Discharge pressure: 150					
Stop time: 233 Total time running	ng (Omin					
comments:						
Diesel Po	ump					
Pre-start Inspection: Coolant ☐ Oil ☐ Mechanical	□ Valves □ Water Jacket Heater □					
Fuel level > 2/3: Yes □ No □ Mont	thly Fuel Consumption:					
Battery volt Crank 1: Battery volt Crank 2: B	Battery Condition:					
Starting hour meter:	start time:					
Oil pressure start:	Dil Pressure finish:					
Pump Suction Pressure: Pum	np Discharge pressure:					
Coolant temperature after 30 minutes running:						
Stop time: Stop hour meter:	Total time running:					
Comments:						
Not Running Fire System Disel until Futher Notice						
Sulfur Concentrations (less than or equal to 0.0015% on a weight per v	veight basis).					
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hourand 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. By the Protection of the American Protect						



Automated Fire Systems Inspection Checklist

5/19/24 Operator EVICKE вета: 🔟 Date: Plant: ALPHA □ Valve Shed # 1 by Condenser Comments Viv. Pos. Signage Locked System PSI YD NØ SG Unit 1 O/C 1 YOND O/C SG Unit 2 B1-2 Seculi YO NO O/C Reheaters B1-3 Y D N D O/C Rack 2 West HTF R1-4 YD ND Rack 2 East HTF B1-5 O/C YD ND O/C North Steel Pro O/C Y D N D B1-7 HTF Pumps Y D N Z 0/0 8 HTF Heaters B1-8 YD NZ O/C South Steel Pro B1-9 YD NØ O/C 10 B1-10 Lube Oil YDND O/C Turbine Hose Stations 11 Y D N Z O/C 12 Turbine Bearings **B1-12** Valve Shed # 2 by Overflow Viv. Pos. Signage Locked Comments System YZ, NO V 0/C **Expansion Vessels** / 0/C / 0/C / 0/C Ullage Area 165. YZ NO 160 Ullage Structure Rack 1 Middle Area 115 YD NO 66 V 0/C Overflow Tanks 10/0 160 6 Rack 1 South Area B2-6 Y V NO Rack 1 West 10/0 140 J 0/C J 0/C YZNO Rack 1 North Area Y Z N D Over flow AFFF 60 Expansion Vessel AFFF YE NO B2-3 10 Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments PSI Viv. Pos. | Signage Locked System Y D NZ J 0/C Transformer Aux VO/C YZND 160 Transformer Main Valve Shed # 4 by Cooling Tower West Side Comments PSI Viv. Pos. Signage System No. Y N D Valve Shed # 5 by Control Bldg 10 Cooling Tower West Side Viv. Pos. Signage Comments Locked PSI No. System YZ NO Control Room Y D N D J Q/C Offices YO NO **√**0/C Electrical Room Turbine Sprinkler Valves (These are to be locked in the open position) Comments Locked Viv. Pos. System Y | N | O/C Y | O/C Bearing 2 Bearing 3 Bearing 4 Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) VII. NO./C

YII. NO./C

YII. NO./C

YII. NO./C

YII. NO./C

YIII. NO./C

YIII. NO./C Comments System MP-201 MP-200A MP-200B MP-2000 Y I N D VO/C MP-200D Fire Pump House Deluge System Comments Locked O/C No. System Y IT N 🗆 PIV Checks Fire Pump House Deluge Comments **Position** Cycled No. System Cycled Maintenance Shop Drive Way #7 1 O/C O/C V 2 Maintenance Shop Drive Way #8 **√** O/C West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 015 O/C v **√** 0/C West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 **√** 0/C **✓** 0/0 N.W. Corner Chemical Storage #1 **√** 0/C N.E. Corner Chemical Storage # 2 9 East Side W.T. by Multimedia Filters # 3 0/0 0/0 East Side W.T. by Multimedia Filters # 5 10 North Side Bldg 10 # 6 10/0 11 Between MP-444's and Water Treat # 4 12 West Side Power Block Valve Shed #1 13 To Be Cycled First Saturday of Every Month Comments / Actions Page 34/010fo412/28/R-0000 370-Nio0040-MT-FOR-000027 Automated Psystemms Inspection Checklist Debris Transformer Yard Refuse Check

450



General Int	ormation					
Plant: Alpha □ Beta 🗹	Date: 5/19/24					
Operator: Dica O Rodnyuez	*To be completed each time unit is operated.					
Reason for running pumps: Weekly test / Maintenan	nce 🗆 Emergency 🗦					
Jockey Elec	tric Pump					
Pre-start Inspection: Electrical Feed 📈 Mechanica	l ∠ Valves ∠					
Check the jockey pump on pressure drop. Start up pressure: 135ps/						
Discharge Pressure: (02 VK)						
Pump Suction Pressure: Pu	mp Discharge pressure: [USps]					
Comments:	I (559)					
Electric						
Pre-start Inspection: Electrical Feed 🖊 Mechanica						
Start the pump on pressure drop. Start up pressure: 145	S1					
Start time: 9358						
	np Discharge pressure: 156ps)					
top time: 0008 Total time run	ning lomins.					
Comments:						
Diesel						
Pre-start Inspection: Coolant ☐ Oil ☐ Mechanica						
	onthly 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: Pu	ımp Discharge pressure:					
Coolant temperature after 30 minutes running:						
Stop time: Stop hour meter:	Total time running:					
Comments:						
NOT funnish - Till Further NOTice						
Sulfur Concentrations (less than or equal to 0.0015% on a weight pe						
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined a more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing of hours necessary to comply with the testing requirements of the National Fire Protection Associa (current edition). The hours of operation for source testing will not be counted towards either of the Note: Fuel consumption 27 gal/h approximately.	and compliance demonstrations. Additionally, this engine shall not be operated more than the number tion (NFPA) 25 - "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"					



	Plant: ALPHA					erator 1 - 1
				Condense		· · · · · · · · · · · · · · · · · · ·
No.	System	PSI	Viv. Pos.		Locked	Comments
1	SG Unit 1 81-1	0	0/C √		YDND	
2	SG Unit 2 B1-2	0	0/0	/	Y D N D	
3	Reheaters B1-3	0	0/0 🗸	7	YOND	
4	Rack 2 West HTF B1-4	0	0/0	~	YONE	
5	Rack 2 East HTF B1-5			Ž	YDND	
6	North Steel Pro B1-6	0	0/0		Y D NEZ	
7	HTF Pumps B1-7	6	0/0~	<i>y</i>	Y D N D	
8	HTF Heaters B1-8	0	0/C V			
9	South Steel Pro B1-9	0	0/C V		YO NO	
10	Lube Oil B1-10	0	0/C ~	-	Y D NE	
11	Turbine Hose Stations B1-11	0	0/C V		YONE	<i>y</i>
12	Turbine Bearings B1-12	0	0/C V	Overfloy	YO NE	,
					Locked	Comments
No.	System	PSI	Viv. Pos.	Signage		LOTO
1	Expansion Vessels B2-1	0	0/C V		YDNZ	LOTO
2	Ullage Area B2-2	0	0/0	V	YO NO	
3	Ullage Structure B2-11	0	0/C V	V	YOND	
4	Rack 1 Middle Area B2-5	0	0/0	V	YUND	
5	Overflow Tanks B2-9		0/C V	V	YOND	
6	Rack 1 South Area B2-6	0	0/C V	V	YOND	
7	Rack 1 West B2-7	0	0/C V	7	YOND	
8	Rack 1 North Area B2-4	0	0/C V		YOND	
9	Over flow AFFF B2-8	0	0/C V	V	YOND	
10	Expansion Vessel AFFF B2-3	0	0/C V		Y D N D	
	Valv	e Shed # 3 b				
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	✓ O/C		Y D NE	
2	Transformer Main	155	√0/C		YONE	
	Valv	e Shed # 4 b			Vest Side	
No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	110	V/0/C	N	Y D N D	
		Valve Shed				
No.	System	PSI	Viv. Pos.		Locked	Comments
1	Control Room 84-5	155	✓ O/C	1	A BA N 🗖	
2	Offices B4-3	<i>i</i> S5	V 0/C		YZND	
3	Electrical Room B4-4	155	O/C	-	YEND	
	Turbine Sprinkle	r Valves (Th	ese are to	be locke	d in the op	pen position)
No.	System	Locked	Viv. Pos.			Comments
1	Bearing 2	YE, NO	V 0/C			
2	Bearing 3	Y DZ N 🗖	V_0/C			
3	Bearing 4	YMND	V O/C			
4	Bearing 5	YDN	^0/C			
-	HTF Deluge S	ystem Valve	s (To be l	ocked in	the Open	Position)
No.	System	Locked	Viv. Pos.			Comments
1	MP-201	YO NE	0/0			
2	MP-200A	Y D N	0/C V			
3	MP-200B	Y D N M	O/C /			
4	MP-200C	YO NE	0/C V			
	MP-200D	YO NO	0/C J			
	1 2000	Fire Pump	House D	eluge Svs	tem	
	INCIDENTIAL PROPERTY.					Comments
No.	System	PSI	O/C	Locked		Comments
1	Fire Pump House Deluge	190	V	YEND		
	W Company of the Comp		PIV Chec			
No.	System	Position	Cycled	Date		Comments
		0/0	4	Cvcled	1	
1	Maintenance Shop Drive Way #7	√ O/C				
2	Maintenance Shop Drive Way #8					
3	West Side Power Block by VS-3 # 9	√ 0/C	-		2010	
4	West Side Power Block by VS-1 # 10	0/0			2010	
5	West Side Cooling Tower by VS-4 # 11	J 0/C	-			
6	West side Cooling Tower by VS-4 # 12	√ 0/C			Lata	
7	N.W. Corner Chemical Storage #1	0/C V	-		1010	
8	N.E. Corner Chemical Storage # 2	V 0/C				
9	East Side W.T. by Multimedia Filters # 3	∨ 0/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	0/C V				
13	West Side Power Block Valve Shed #1	O/C			not at	alpha
	Tol	Be Cycled Fit	st Saturd	ay of Eve	ry Month	
Mo 0040	MT-FOR-000027 Automated Psystem is Inspection Checklist	Debris				Comments / Actions Page 312 60 4 228 -



General Info	rmation		
Plant: Alpha ☑ Beta □	Date: 5/24/24		
Operator: Anthony	*To be completed each time unit is operated.		
Reason for running pumps: Weekly test 🗸 Maintenance	e 🛘 Emergency 🖯		
Jockey Electri	ic Pump		
Pre-start Inspection: Electrical Feed Mechanical	Valves 🗹		
Check the jockey pump on pressure drop. Start up pressure: 15	5		
Discharge Pressure: 162			
Pump Suction Pressure: — Pum	p Discharge pressure:		
Comments:			
Electric Po	ump		
Pre-start Inspection: Electrical Feed Mechanical	Valves 🖟		
Start the pump on pressure drop. Start up pressure: $\mu5$			
Start time: 230\$			
	Discharge pressure: 150		
op time: 23/4 Total time runnir	19 10 min		
Comments:			
Diesel Pu	ump		
Pre-start Inspection: Coolant Oil Mechanical	Valves Water Jacket Heater V		
Fuel level > 2/3: Yes □ No ☑ Mont	hly Fuel Consumption:		
Battery volt Crank 1: 26 Battery volt Crank 2: 26 B	attery Condition: Good		
Starting hour meter: [3], 2	tart time: 2317		
Oil pressure start: C	Oil Pressure finish: 3 7		
Pump Suction Pressure: 25 Pum	p Discharge pressure:150		
Coolant temperature after 30 minutes running: 203 after	- 17 Minutes		
Stop time: 2334 Stop hour meter: [3]	. Y Total time running: 17 min		
Comments:			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per w	reight basis).		
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hourand 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. e is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]			



570-No0040-MT-FOR-000027 Automated Psystem is Inspection Checklist

Transformer Yard Refuse Check

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

BETA: Date: 5/25/24 Operator Taylor Plant: ALPHA □ Valve Shed # 1 by Condenser Comments Viv. Pos. Signage Locked System Y D N Z SG Unit 1 0/CV V O/C:/ YO NEZ SG Unit 2 B1-2 Y D N 🗹 O/CV Reheaters B1-3 Y D N 🗹 O/C Rack 2 West HTF B1-4 Y D N Z Rack 2 East HTF B1-5 O/C 🗸 Y D N D 0/C V North Steel Pro O/C 🖍 YO NO HTF Pumps B1-7 Y D N 🗹 O/CV HTF Heaters 8 B1-8 0/0/ YO NE South Steel Pro R1-9 Y D N DY O/C V 10 Lube Oil B1-10 0/C **/** YINZ Turbine Hose Stations 11 0/C V YEND 12 Turbine Bearings B1-12 Overflow Valve Shed # 2 by Viv. Pos. Signage Locked Comments PSI No. System V 0/C YEND 150 Expansion Vessels V 0/C Y DY N D Ullage Area 170 YZN Ullage Structure 160 B2-11 7 V 0/C Y Z N D Rack 1 Middle Area 150 4 Y Z N D B2-9 Overflow Tanks 165 150 170 140 V 0/C YOND 6 Rack 1 South Area V Y Z N 🗆 Rack 1 West V 0/C YEND Rack 1 North Area YE NO V 0/C Over flow AFFF YEND Expansion Vessel AFFF B2-3 10 Valve Shed # 3 by Bldg 35 GE Electrical Bldg Viv. Pos. Signage Locked Comments PSI System YOND VO/C Transformer Aux 150 Valve Shed # 4 by Cooling Tower West Side Transformer Main Viv. Pos. Signage Comments PSI System No. YZN Cooling Tower West Side Valve Shed # 5 by Control Bldg 10 Viv. Pos. Signage Comments Locked PSI No. System 152 152 152 Y D N D V 0/C Control Room JO/C YD ND Offices Electrical Room 10/0 YDND B4-4 Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. System Bearing 2 Bearing 3 YEND VO/C 3 Bearing 4 Bearing 5 Comments
 Locked
 Viv. Pos.

 Y □ N □
 ✓ O/C

 Y □ N □
 ✓ O/C
 System MP-201 MP-200A YE NO VO/C MP-200B YZ NO VO/C MP-2000 V0/C YZNO 5 MP-200D Fire Pump House Deluge System Comments O/C Locked No. Y D N D Fire Pump House Deluge 165 PIV Checks Comments **Position** Cycled No. System Cycled 0/C V Maintenance Shop Drive Way #7 **√** 0/C Maintenance Shop Drive Way #8 ·/O/C West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 O/CV V 0/C West Side Cooling Tower by VS-4 # 11 **V**0/C West side Cooling Tower by VS-4 # 12 ✓ O/C ✓ O/C ✓ O/C N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 9 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 10 VO/C North Side Bldg 10 # 6 11 Between MP-444's and Water Treat # 4 12 West Side Power Block Valve Shed #1 13 To Be Cycled First Saturday of Every Month Comments / Actions Page 3:14-0641228R-000017

Debris

Y D N 2 Page 1 of 1Revised 09/24/2019



Fire Pump Weekly Test Log

General Information							
Plant: Alpha □ Beta D	Date: 5/25/24						
Operator: Anthony	*To be completed each time unit is operated.						
Reason for running pumps: Weekly test 🖟 Maintenance	re 🛘 Emergency 🗆						
Jockey Elect	ric Pump						
Pre-start Inspection: Electrical Feed Mechanical Valves V							
Check the jockey pump on pressure drop. Start up pressure: 155							
Discharge Pressure: 162							
Pump Suction Pressure:— Pump	Discharge pressure: —						
Comments:							
Electric F							
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Z Valves 🗷						
Start the pump on pressure drop. Start up pressure: 145							
Start time: 2313	Niceborgo procesuro: (E/)						
Pump Suction Pressure: 20 Pump Discharge pressure: 150							
op time: 2323 Total time running	10 min						
Comments:							
Diesel P	ump						
Pre-start Inspection: Coolant ☐ Oil ☐ Mechanical	□ Valves □ Water Jacket Heater □						
Fuel level > 2/3: Yes □ No □ Monthl	y 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: () idn't run (Emergency Only)							
Sulfur Concentrations (less than or equal to 0,0015% on a weight per v	weight basis).						
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations, Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. 'e: Fuel consumption 27 gal/ h approximately. e is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]							

Rev. 09/24/2019



			Valve She				erator Antone P
No.	Sy	stem	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1	-1	0	0/C ½	V	Y DO N D	
2	SG Unit 2 B1	-2	0	0/C %	V	YEO N 🗆	
3	Reheaters B1	-3	D	0/C) (V	Y DX N 🗆	
4	Rack 2 West HTF B1	-4	0	O/C \chi	V	Y D N D	
5		-5	0	0/C X	V	Y DXI N 🗆	
6		1-6	0	0/C ()	V	Y DQ N 🗆	
7		I-7	0	O/C X	V	YDND	
8		1-8	0	0/C X	- /	Y BL N D	
9		1-9	0	0/C X	V	Y DAL NO	
10		1-10	0	0/C X	V	Y DL N D	
11		1-11	0	0/C X		YBND	
12	Turbine Bearings B	1-12	Valve Sh	ed # 2 by			
M -			PSI	Viv. Pos.	Signage	Locked	Comments
No.		stem	0	O/C X	Signage	YJZ N 🗆	COMMENS
1		2-1 2-2	ñ	0/C v		YMIND	
2		2-11	8	0/C X	V	YJKO N 🗆	
4		2-5	0	0/C X	V	YNN	
5		2-9	D	0/C X	V	YIN	
6		2-6	D	0/C >	V	Y DA N 🗆	
7		2-7	8	0/C X	V,	Y DQ N 🗆	
8		2-4	8	0/C &	V	Y DS N D	
9		2-8	Ö	0/C X	V	Y 2X N D	
10		32-3	Ö	O/C X	V	Y BQ N 🗆	
,,,	Emparision vesser milit	Valve S				rical Bldg	
No.	Sv	/stem	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		160	VO/C	V	Y DA N 🗆	
2	Transformer Main		160	VO/C	V	Y DS N 🗆	
	<u> </u>	Valve S	hed # 4 b	y Cooling	Tower V	Nest Side	
No.	Sy	ystem	PSI	Viv, Pos.	Signage		Comments
1	Cooling Tower West Side		160	√ 0/C		YAND	
		Va	lve Shed				
No.	Sy	stem	PSI	Viv. Pos.	Signage	Locked	Comments
1		4-5	160	V O/C	V	YMIND	
2		1-3	160	VO/C	V	YXIND	
3	Electrical Room B4	4-4	160	Vo/c	. V	Y DX N 🗆	
	W	Turbine Sprinkler V		se are to	ре тоске	a in the o	pen position)
No.		/stem	Locked	Viv. Pos.			Comments
1	Bearing 2		YXNU	VDIC			
2	Bearing 3		YMIND	DIC			
3	Bearing 4		YE NO	V 0/C			
4	Bearing 5	HTF Deluge Syst	YEND	1/0/C	acked in	the Onen	Position)
					ocked III	the Open	Comments
No.		/stem	Locked	Viv. Pos.			Comments
1	MP-201		Y DX N 🗆	V0/C			
2	MP-200A		YEND	0/C X			
3	MP-200B		YES NO	0/0 🗴			
4	MP-200C		YEND				
5	MP-200D		ire Pump	House D	eluge Svs	tem	
							Comments
No.	S)	/stem	PSI	O/C	Locked		Comments
1	Fire Pump House Deluge		195		A MA NO		
			- 8)	PIV Chec			
No.	Sı	ystem	Position	Cycled	Date Cvcled		Comments
1	Maintenance Shop Drive		Ja/cX		FACIEG		
	Maintenance Shop Drive		V O/C				
2			V0/C				
2	West Side Power Black hu		0/C X				
3	West Side Power Block by					+	
3	West Side Power Block by	VS-1 # 10					
3 4 5	West Side Power Block by West Side Cooling Tower	VS-1 # 10 by VS-4 # 11	V0/C				
3 4 5 6	West Side Power Block by West Side Cooling Tower West side Cooling Tower	v VS-1 # 10 by VS-4 # 11 by VS-4 # 12	VO/C				
3 4 5 6 7	West Side Power Block by West Side Cooling Tower West side Cooling Tower N.W. Corner Chemical Sto	v VS-1 # 10 by VS-4 # 11 by VS-4 # 12 orage #1	0/C 0/C 0/C X				
3 4 5 6 7 8	West Side Power Block by West Side Cooling Tower West side Cooling Tower N.W. Corner Chemical Sto N.E. Corner Chemical Stor	v VS-1 # 10 by VS-4 # 11 by VS-4 # 12 orage #1 rage # 2	0/C 0/C 0/C X				
3 4 5 6 7 8 9	West Side Power Block by West Side Cooling Tower West side Cooling Tower N.W. Corner Chemical Sto N.E. Corner Chemical Stor East Side W.T. by Multime	v VS-1 # 10 by VS-4 # 11 by VS-4 # 12 orage #1 rage # 2 dia Filters # 3	0/C 0/C 0/C X 0/C 0/C				
3 4 5 6 7 8 9	West Side Power Block by West Side Cooling Tower West side Cooling Tower N.W. Corner Chemical Sto N.E. Corner Chemical Stor East Side W.T. by Multime East Side W.T. by Multime	v VS-1 # 10 by VS-4 # 11 by VS-4 # 12 orage #1 rage # 2 dia Filters # 3	0/C 0/C 0/C X 0/C 0/C 0/C				
3 4 5 6 7 8 9 10	West Side Power Block by West Side Cooling Tower West side Cooling Tower N.W. Corner Chemical Sto N.E. Corner Chemical Stor East Side W.T. by Multime East Side W.T. by Multime North Side Bldg 10 # 6	by VS-1 # 10 by VS-4 # 11 by VS-4 # 12 orage #1 orage #2 dia Filters # 3	✓O/C ✓O/C ✓O/C ✓O/C ✓O/C ✓O/C ✓O/C				
3 4 5 6 7 8 9 10 11	West Side Power Block by West Side Cooling Tower West side Cooling Tower N.W. Corner Chemical Sto N.E. Corner Chemical Stor East Side W.T. by Multime East Side W.T. by Multime North Side Bldg 10 # 6 Between MP-444's and W	by VS-1 # 10 by VS-4 # 11 by VS-4 # 12 orage #1 age # 2 dia Filters # 3 dia Filters # 5				NIA	
3 4 5 6 7 8 9 10 11	West Side Power Block by West Side Cooling Tower West side Cooling Tower N.W. Corner Chemical Sto N.E. Corner Chemical Stor East Side W.T. by Multime East Side W.T. by Multime North Side Bldg 10 # 6 Between MP-444's and W	by VS-1 # 10 by VS-4 # 11 by VS-4 # 12 orage #1 orage #2 dia Filters # 3			ay of Eve	N/A-	Comments / ActRage 316 Qf 1228



General Inf	ormation					
Plant: Alpha □ Beta □	Date: 6/2/24					
Operator: Anthony	*To be completed each time unit is operated.					
Reason for running pumps: Weekly test 🕡 Maintenar	nce 🗆 Emergency 🗦					
Jockey Elec	tric Pump					
Pre-start Inspection: Electrical Feed Mechanica	Valves 🖟					
Check the jockey pump on pressure drop. Start up pressure: 155						
Discharge Pressure: 162						
Pump Suction Pressure: — Pu	mp Discharge pressure: —					
Comments:						
Electric						
Pre-start Inspection: Electrical Feed 🗹 Mechanica	Valves 🗹					
Start the pump on pressure drop. Start up pressure: 145						
Start time: 2636						
	np Discharge pressure: 150					
top time: 2046 Total time runn	ing 10 MM					
Comments:						
Diesel	Pump					
Pre-start Inspection: Coolant Oil Mechanica	│ 🕒 Valves 🖭 Water Jacket Heater 🖫					
Fuel level > 2/3: Yes No Mo	nthly Fuel Consumption:					
Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: Good					
Starting hour meter: 131.4	Start time: 2650					
Oil pressure start:	Oil Pressure finish:39					
Pump Suction Pressure: 20 Pump Discharge pressure: 150						
Coolant temperature after 30 minutes running: 201 after 10 min						
Stop time: 21000 Stop hour meter: 13	31.5 Total time running: /O ハウ					
Comments:						
Sulfur Concentrations (less than or equal to 0.0015% on a weight per						
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/ h approximately. *re is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]						



Transformer Yard Refuse Check

Automated Fire Systems Inspection Checklist

BETA: Date: 3/31/24 Plant: ALPHA □ Valve Shed # 1 by Condenser PSI Viv. Pos. | Signage Locked Comments System Y D N Q 0/C / SG Unit 1 V Y D N D B1-2 0 0/C V N SG Unit 2 O O/C √ YD NIX Reheaters 0 0/C 🗸 Y D N D Rack 2 West HTF B1-4 Y D N D 0/C V Rack 2 East HTF B1-5 0 OICI Y D N D North Steel Pro B1-6 HTF Pumps B1-7 0/C V Y D N DY ð 0/C V VII NEW 0 HTF Heaters 0/CV 0 A D N 🔼 South Steel Pro B1-9 O/CV Y 🗆 N 🚅 0 10 Lube Oil B1-10 0/01/ Y D N D 11 **Turbine Hose Stations** B1-1 0 YEZ NO OICV Turbine Bearings 12 Valve Shed # 2 by Overflow PSI Viv. Pos. Signage Locked Comments No. System V 0/C 140 YOND Expansion Vessels YZNO 140 2 Ullage Area V YOND Ullage Structure V 0/C 3 B2-11 160 YDYND V Rack 1 Middle Area V 0/C V 0/C YDYND 150 Overflow Tanks B2-9 V0/0 YOND Rack 1 South Area 6 100 Y DZ N 🗆 V 0/C Rack 1 West 140 V VO/C YEND 8 Rack 1 North Area 100 1 YZNO VO/C Over flow AFFF 160 VO/C YND Expansion Vessel AFFF B2-3 10 \(\(\mathcal{lbO}\) \(\sigma\) \ **GE Electrical Bldg** Locked Comments No. System Viv. Pos. Signage V0/C Transformer Aux Y Q YN 🗆 Transformer Main Valve Shed # 4 by Cooling Tower West Side Comments PSI Viv. Pos. Signage YO NE Cooling Tower West Side ~0/C Valve Shed # 5 by Control Bldg 10 Comments Viy. Pos. Signage Locked No. System 152 152 1/0/0 YZNO Control Room YEV Offices V 0/C YDND Electrical Room VOIC Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viy. Pos. No. System Y N D 0/C Bearing 2 Bearing 3 Y B N D V O/C Bearing 4 Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Comments Locked Viv. Pos. System Y | N | V | O/C MP-201 MP-200A MP-200B MP-2000 N 🗆 📝 O/C MP-200D Fire Pump House Deluge System O/C Comments System PSI YZNO 152 Fire Pump House Deluge PIV Checks Comments Cycled **Position** 5/31/24 5/31/24 V **₩** 0/C**s**⁄ Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 / O/C V0/C 5/31/24 West Side Power Block by VS-3 # 9 O/CV Loto 4 West Side Power Block by VS-1 # 10 X 5/31/24 6/31/24 5/31/24 West Side Cooling Tower by VS-4 # 11 / O/C V VO/C West side Cooling Tower by VS-4 # 12 V 0/C N.W. Corner Chemical Storage #1 V0/C 5/31/24 N.E. Corner Chemical Storage # 2 5/31/24 2/31/24 5/31/24 5/31/24 5/31/24 ✓ O/C East Side W.T. by Multimedia Filters # 3 9 V 10 East Side W.T. by Multimedia Filters # 5 V V 0/C 11 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4 O/Cu West Side Power Block Valve Shed #1 V0/0 To Be Cycled First Saturday of Every Month Comments / Actions Page 3:18:04:12:28R-0000.7 570-No0040 MT-FOR-000027 Automated Systems Inspection Checklist Debris

Y | N | Of 1Revised 09/24/2019



Fire Pump Weekly Test Log

General Information						
Plant: Alpha □ Beta ☑	Date: 6/1/24					
Operator: Anthony	*To be completed each time unit is operated.					
Reason for running pumps: Weekly test 📈 Maintenance	□ Emergency □					
Jockey Electri	c 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 D	ischarge pressure:					
Comments:						
Electric Pu	imp					
Pre-start Inspection: Electrical Feed 🕡 Mechanical 🗗	Valves 🖳					
Start the pump on pressure drop. Start up pressure: 145						
Start time: 7231						
Pump Suction Pressure: 70 Pump Discharge pressure: 150						
op time: 2241 Total time running 10 Min						
Comments:						
Diesel Pu	mp					
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: Ba	attery Condition:					
Starting hour meter: St	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: Emergency Only						
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).						
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. 2: Fuel consumption 27 gal/ h approximately. 2: is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]						

Rev. 09/24/2019



	100		Valve She				
No.		System	PSI		Signage	Locked	Comments
1	SG Unit 1	B1-1	160	V 9/C	7	YEND	
2	SG Unit 2	B1-2	1765	V. O/C		YEZNO	
3	Reheaters	B1-3	160	VOIC.	V	YEND	
4	Rack 2 West HTF	B1-4	160	10 9/C	V	YEND	
5	Rack 2 East HTF	B1-5	160	VOIC	V	YEND	
6	North Steel Pro	B1-6	160	VO/C	1	YDVN	
7	HTF Pumps	B1-7	160	√ 0/C	1/	YDEND	
8	HTF Heaters	B1-8	179	V0/C	V	YEND	
9	South Steel Pro	B1-9	165	₩ 0/C	V	Y DZ N 🗆	
10	Lube Oil	B1-10	45	0/C X	V-	Y DZ N 🗆	
11	Turbine Hose Stations	B1-11	45	0/CX	V-	Y DDV N D	
12	Turbine Bearings	B1-12	0	0/C X	V	YOUND	
			Valve Sh	ed # 2 by		w	
No.		System	PSI	Viv. Pos.	Signage,	Locked	Comments
1	Expansion Vessels	B2-1	165	VOIC	1	YZNO	
2	Ullage Area	B2-2	155	VO/C	/	YDV	
3	Ullage Structure	B2-11	160	10/C	V	YDVN	
4	Rack 1 Middle Area	B2-5	160	√ 0/C	V	YEX	
5	Overflow Tanks	B2-9	160	₩9/C	1	YOND	
6	Rack 1 South Area	B2-6	160	VO/C	1/	YDYN	
7	Rack 1 West	B2-7	170	V0/C	1	YEND	
8	Rack 1 North Area	B2-4	160	√ 0/C	V	YOVNO	
9	Over flow AFFF	B2-8	156	0/C X	V	YEND	
10	Expansion Vessel AFF		5	0/C X		YEND	
10	Expansion vesser Arr	V	alve Shed # 3 b	v Blda 35	GE Elect	rical Blda	
No.		System	PSI	Viv. Ros.	Signage		Comments
1	Transformer Aux	Jystein	166	VO/C	V.	Y D N D	
2	Transformer Main		180	VO/C		YEND	
	Transformer Main	v	alve Shed # 4 b	v Cooling	Tower	Nest Side	
M-	1	System	PSI PSI	Viv. Pos.	Signage	2	Comments
No.	Capling Tours Mark 5		50	VO/C	Jighage	YEND	- Comments
	Cooling Tower West S	ilde	Valve Shed				
UNIVERSITY	T	Francis	PSI		Signage	Locked	Comments
No.	5 . 15	System				Y C N D	Comments
1	Control Room	B4-5	160	VOIC	1	YEND	
2	Offices	B4-3	(60	√ 0/C	V	YZNO	
3	Electrical Room	B4-4	kler Valves (The	1 0/C			a nosition)
	4				De locke	u in the oper	Comments
No.		System		Viv. Pos.			Comments
1	Bearing 2		YEND				
2	Bearing 3		YEND				
3	Bearing 4		YDZ				
4	Bearing 5		Y DZ N 🗆	10/C	1.71	41 . O D .	
		HTF Delug	e System Valve		ocked in	the Open Po	
No.		System		Viv. Pos.			Comments
1	MP-201		YEZNO				
2	MP-200A		YEND				
3	MP-200B		YZNO				
4	MP-200C		YUND	V9/C			
5	MP-200D		YZND	1/0/C			
			Fire Pump	House D	eluge Sys	tem	
No.		System	PSI	O/C	Locked		Comments
	E D 11 -			1	YEND		
_1	Fire Pump House Del	ıge	195	PIV Chec			
					Date		
No.		System	Position	Cycled	Cycled		Comments
1	Maintenance Shop Dr	ive Wav #7	0/C X		- ATMEN		
2	Maintenance Shop Dr		V0/C				
3	West Side Power Bloc		₽ 0/C				
4	West Side Power Bloc		1-0/C				
	West Side Power Bloc West Side Cooling To		0/C				
5	West side Cooling To		V 8/C		1	+	
6							
7	N.W. Corner Chemica		JOHC 1016	_			
8	N.E. Corner Chemical		VO/C				
	East Side W.T. by Mul		V 0/C				
9		timedia Filters # 5	VO/C				
9 10				TI.		II.	
9 10 11	North Side Bldg 10 #		√ 0/C		_		
9 10	North Side Bldg 10 # Between MP-444's an	d Water Treat # 4	O/C X				
9 10 11 12	North Side Bldg 10 # Between MP-444's an West Side Power Bloc	d Water Treat # 4 k Valve Shed #1	0/C X				
9 10 11 12	North Side Bldg 10 # Between MP-444's an West Side Power Bloc	d Water Treat # 4 k Valve Shed #1 d Fire Systems Inspection Check	o/c X o/c o_xBe Cycled Fir		ay of Eve	ery Month	
9 10 11 12	North Side Bldg 10 # Between MP-444's an West Side Power Bloc 0-MT-FOR-000027 Automate	d Water Treat # 4 k Valve Shed #1 d Fire Systems Inspection Check System	O/C X O/C O/Se Cycled Fir	st Saturd		ery Month	Comments / Actibine ge 320 pt 1228
9 10 11 12 13 -16-004	North Side Bldg 10 # Between MP-444's an West Side Power Bloc	d Water Treat # 4 k Valve Shed #1 d Fire Systems Inspection Check System	O/C X O/C O/Se Cycled Fir			ery Month	Comments / Actionage 320 pto 1228



General Int	formation				
Plant: Alpha ☐ Beta ☐	Date: 6/9/24				
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 Mainten	ance 🗆 Emergency 🗆				
Jockey Elec	tric Pump				
Pre-start Inspection: Electrical Feed Mechanic	cal Valves 🗹				
Check the jockey pump on pressure drop. Start up pressure:	155				
Discharge Pressure: 162					
Pump Suction Pressure:	Pump Discharge pressure: —				
Comments:					
Electric					
Pre-start Inspection: Electrical Feed Mechanic	cal Valves Valves				
Start the pump on pressure drop. Start up pressure: 145°					
Start time: 7228					
	ımp Discharge pressure: 150				
Stop time: 2225 Total time running 10 min					
Comments:					
Diesel					
Pre-start Inspection: Coolant 🕡 Oil 🖳 Mechani	Section 1997				
Fuel level > 2/3: Yes □ No ☑ M	Ionthly Fuel Consumption: ——				
Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: Good				
Starting hour meter: 131.5	Start time: 2242				
Oil pressure start:	Oil Pressure finish: 39				
Pump Suction Pressure: 20 Pump Discharge pressure: 150					
Coolant temperature after 30 minutes running: 201 after 10 min					
Stop time: 2252 Stop hour meter: /3!.6 Total run time: /O m, n January 1st hour meter: Total YTD hours:					
Comments					
Sulfur Concentrations (less than or equal to 0.0015% on a weight p					
This new direct drive fire pump engine shall be limited to use for emergency fire suppression, define no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up to number of hours necessary to comply with the testing requirements of the National Fire Protection Systems" (current edition). The hours of operation for source testing will not be counted towards Note: Fuel consumption 27 gal/h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	esting and compliance demonstrations. Additionally, this engine shall not be operated more than the Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire				



SG Unit 2		W		Valve She				
Sci Unite 2	No.							Comments
Section Sect	1			160		V		
Sect 2 Seat HTF 11-4	2							
Sect Seat HFF 11-5	3					-		
Nomin Steel Pro 1916	4							
NFF Purpos	5					-		
South Steef Pro 81-9	6					-		
South Steel Pro 81-9	7							
1	8					-		
Turbine Page Stations 81-11	9							
Turbine Bearing:	10					-		
System	11							
System PSI Viv. Pos. Signage Locked Comments	12	Turbine Bearings	B1-12	Valve Sh	ed # 2 h	Overflo		
Control Room System PSI W.P. Pos. Signage Comments	NI.		System					Comments
Ullips Area \$2.2	No.	Funnasian Vassale				V		
	2					V		
Company System PSI Viv. Pos. Signage Comments System PSI Viv. Pos. Signage Coded Comments Comments System PSI Viv. Pos. Signage Coded Comments Coded Coded Comments Coded Coded Comments Coded Coded Comments Coded Cod	3							
Devertion Tanks D2-9						V		
Rack South Area \$2.6	5					1		
	6							
Rack T North Area 12-4 11	7					~		
Dover flow AFF B2-8	8					V		
Expansion Vessel AFFF B2-3	9					1		
Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments	10		R2_3	0	0/C %	V	YOND	
System	10	THAD GUSTON A COSCI WILL	Val	ve Shed # 3 b	y Blda 3	GE Elect		
Transformer Aux	No.				Viv. Pos.	Signage	Locked	Comments
Transformer Main	1	Transformer Aux						
Valve Shed # 4 by Cooling Tower West Side System PSI V/V Pos. Signage Comments	2			160	VO/C		YUND	
Cooling Tower West Side		1	Val	ve Shed # 4 b	y Cooline		Nest Side	
Cooling Tower West Side	No.						/	Comments
Valve Shed # 5 by Control Bldg 10	1	Cooling Tower West Sig		50	√ 0/C			
System		1000		Valve Shed	# 5 by Co	ontrol Blo	lg 10	
Control Room 84-5 177	No.		System			Signage	Locked	Comments
Comments	1	Control Room		170	VO/C	-	YEND	
Electrical Room B4-4	2						YEND	
Turbine Sprinkler Valves (These are to be locked in the open position)	3		84-4	165	√ 0/C		YEND	
Locked Viv.Pos. Comments			Turbine Sprinkle	er Valves (The	se are to	be locke	d in the o	pen position)
	No.			Locked	Viv. Pos.			Comments
Searing 3	1	Bearing 2	•	YEND	V9/C			
Note	2							
HTF Deluge System Valves (To be Locked in the Open Position)	3	Bearing 4						
NP-201	4			YOND	/O/C			
MP-201			HTF Deluge	System Valve	s (To be	Locked in	the Open	
MP-201	No.		System					Comments
MP-200A	1	MP-201		YEND	VOIC			
MP-200B	2							
MP-200C MP-200D MP-200D Fire Pump House Deluge System O. System PSI O/C Locked Comments PSI O/C Locked Comments National System PSI O/C Locked Comments O/C Locked Comme	3							
Fire Pump House Deluge System O. System PSI O/C Locked Comments 1 Fire Pump House Deluge PIV Checks O. System Position Cycled Cyc	4				VO/C			
Fire Pump House Deluge System O. System PSI O/C Locked Comments PIV Checks O. System Position Cycled Date Cycled Cyc	5			YOND	VO/C			
System PSI O/C Locked Comments Fire Pump House Deluge PIV Checks O. System Position Cycled Cycled Cycled Cycled Comments Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-3 # 9 West Side Power Block by VS-4 # 11 West Side Cooling Tower by VS-4 # 11 West Side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 Side W.T. by Multimedia Filters # 3 N.E. Corner Chemical Storage #2 Side W.T. by Multimedia Filters # 3 North Side Bldg 10 # 6 West Side Power Block Valve Shed #1 North Side Bldg 10 # 6 West Side Power Block Valve Shed #1 O/C System Debris Comments Starday of Every Month Comments / Actional Comments /		·		Fire Pump	House D	eluge Sys	tem	
PIV Checks O. System Position Cycled	No.		System					Comments
District Cycled		Fig. Down House Fold			V			
Naintenance Shop Drive Way #7 Naintenance Shop Drive Way #8 No/C Naintenance Shop Drive Way #8 Nest Side Power Block by VS-3 # 9 Nest Side Power Block by VS-1 # 10 Nest Side Cooling Tower by VS-4 # 11 Nest Side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.W. Corner Chemical Storage #1 N.W. Corner Chemical Storage #2 N.W. Corner Chemical Storage #2 N.W. Corner Chemical Storage #2 Nest Side W.T. by Multimedia Filters # 3 No/C North Side Blog 10 # 6 North Side Botween MP-444's and Water Treat # 4 North Side Power Block Valve Shed #1 North Side Pow	1	Irire Pump House Delug	le	177	PIV Cher			
Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Power Block by VS-4 # 11 West Side Cooling Tower by VS-4 # 11 West Side Cooling Tower by VS-4 # 12 NW. Corner Chemical Storage #1 NW. Corner Chemical Storage #1 NW. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 NE. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 North Side Bldg 10 # 6 West Side Power Block Valve Shed #1 O/C Description Check Of the Color of th	_				1			Comments
Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Power Block by VS-4 # 11 West Side Cooling Tower by VS-4 # 11 West Side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage # 1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 N.E. Corner Chemical Storage # 2 Beast Side W.T. by Multimedia Filters # 3 No/C North Side Blog 10 # 6 West Side Power Block Valve Shed # 1 West Side Power Block Valve Shed # 1 North Side Power Block Valve Shed # 1 West Side Power Block Valve Shed # 1 System Debris Comments / Actionage 3220. Stock & 1 Debris	No.		System					Commence
West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West Side Cooling Tower by VS-4 # 12 West Side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage # 1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4 West Side Power Block Valve Shed # 1 O/C West Side Power Block Valve Shed # 1 O/C West Side Power Block Valve Shed # 1 O/C West Side Power Block Valve Shed # 1 O/C West Side Power Block Valve Shed # 1 O/C Comments / Actionage 3220 Place 1 Comments / Actionage 3220 Pla	1							
4 West Side Power Block by VS-1 # 10 5 West Side Cooling Tower by VS-4 # 11 6 West side Cooling Tower by VS-4 # 12 7 N.W. Corner Chemical Storage #1 8 N.E. Corner Chemical Storage #2 9 East Side W.T. by Multimedia Filters # 3 10 East Side W.T. by Multimedia Filters # 5 11 North Side Bldg 10 # 6 12 Between MP-444's and Water Treat # 4 13 West Side Power Block Valve Shed #1 14 O/C 15 Deform Comments / Actionage 32 16 O/C 17 Debris 18 O/C 19 Debris 10 Comments / Actionage 32 10 O/C 11 O/C 12 Debris 13 Comments / Actionage 32 14 O/C 15 O/C 16 O/C 17 O/C 18 O/C 18 O/C 19 O/C 10 O/C 10 O/C 11 O/C 12 Debris 13 O/C 14 O/C 15 O/C 16 O/C 17 O/C 18 O/C 18 O/C 19 O/C 19 O/C 10 O/C	2	Maintenance Shop Driv	e Way #8					
West Side Cooling Tower by VS-4 # 11 West Side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 North Side Bldg 10 # 6 North Side Bldg 10 # 6 North Side Bldg 10 # 6 System Debris Comments / Actloage 3220 Qfolder Commen	3	West Side Power Block	by VS-3 # 9					
6 West side Cooling Tower by V5-4 # 12 7 N.W. Corner Chemical Storage #1 8 N.E. Corner Chemical Storage #2 9 East Side W.T. by Multimedia Filters # 3 10 East Side W.T. by Multimedia Filters # 5 11 North Side Bldg 10 # 6 12 Between MP-444's and Water Treat # 4 13 West Side Power Block Valve Shed #1 16 O/C 17 System 18 Debris 19 Comments / Actionage 3220 Quality (Comments / Actionage 3220 Quality (Co	4	West Side Power Block	by VS-1 # 10					
7 N.W. Corner Chemical Storage #1 8 N.E. Corner Chemical Storage # 2 9 East Side W.T. by Multimedia Filters # 3 10 East Side W.T. by Multimedia Filters # 5 11 North Side Bldg 10 # 6 12 Between MP-444's and Water Treat # 4 13 West Side Power Block Valve Shed #1 15-0040-MT-FOR-000027 Automated Fire Systems Inspection Check Pase Cycled First Saturday of Every Month 16. System 1 Debris 1 O/C 1 Debris 1 Comments / Actions 9 3220 9 10 10 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	5	West Side Cooling Tow	er by VS-4 # 11					
N.E. Corner Chemical Storage # 2 9 East Side W.T. by Multimedia Filters # 3 10 East Side W.T. by Multimedia Filters # 5 10 North Side Bldg 10 # 6 11 North Side Bldg 10 # 6 12 Between MP-444's and Water Treat # 4 13 West Side Power Block Valve Shed # 1 14 O/C 15 O/C 16 Detween MP-444's Automated Fire Systems Inspection Check Pase Cycled First Saturday of Every Month 16 O/C 17 O/C 18 O/C 18 O/C 19 O/C 10 O	6							
8 N.E. Corner Chemical Storage # 2 9 East Side W.T. by Multimedia Filters # 3 10 East Side W.T. by Multimedia Filters # 5 10 North Side Bldg 10 # 6 11 North Side Bldg 10 # 6 12 Between MP-444's and Water Treat # 4 13 West Side Power Block Valve Shed # 1 16-0040-MT-FOR-000027 Automated Fire Systems Inspection Check QxBe Cycled First Saturday of Every Month 16 System Debris Comments / Action QC 3220 QC 10 10 10 10 10 10 10 10 10 10 10 10 10	7	N.W. Corner Chemical S	Storage #1					
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 V O/C 12 Between MP-444's and Water Treat # 4 O/C X 13 West Side Power Block Valve Shed #1 O/C X 16-0040-MT-FOR-000027 Automated Fire Systems Inspection Check Pase Cycled First Saturday of Every Month O. System Debris Comments / Actloage 3220.01.01.66	8			STC				
East Side W.T. by Multimedia Filters # 5	9	East Side W.T. by Multi	media Filters # 3	√ 0/C				
North Side Bldg 10 # 6 V O/C	10	East Side W.T. by Multi	media Filters # 5					
West Side Power Block Valve Shed #1 5-0040-MT-FOR-000027 Automated Fire Systems Inspection Check OxBe Cycled First Saturday of Every Month System Debris Comments / Action 99 3240-01-01-01	10							
West Side Power Block Valve Shed #1 O/C Block On V 6-0040-MT-FOR-000027 Automated Fire Systems Inspection Check On Be Cycled First Saturday of Every Month O. System Debris Comments / Action 99 3270-91012	11							
6-0040-MT-FOR-000027 Automated Fire Systems Inspection Check OxBe Cycled First Saturday of Every Month Oxford Debris Comments / Action 90 3240-01046 King Systems Debris Comments / Action 90 32			Water Treat # 4					
lo. System Debris Comments / Actions Society System	11 12	Between MP-444's and	Valve Shed #1	O/C			Beta	only
	11 12	Between MP-444's and	Valve Shed #1	O/C Be Cycled Fir		ay of Eve	Beta ery Month	-3-1-
	11 12	Between MP-444's and	Valve Shed #1 Fire Systems Inspection Checking	Be Cycled Fir	st Saturo		BC+4 ery Month	Comments / ActRage 322, Qfot 22



General In	formation				
Plant: Alpha D Beta 🗆	Date: 6/16/24				
Operator: Anthony Vasquez	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.				
Reason for running pumps: Weekly test Mainten	ance 🛘 Emergency 🖺				
Jockey Elec	tric Pump				
Pre-start Inspection: Electrical Feed Mechanic	valves I				
Check the jockey pump on pressure drop. Start up pressure:	155				
Discharge Pressure: 162					
Pump Suction Pressure: —	Pump Discharge pressure: —				
Comments:					
Electric					
Pre-start Inspection: Electrical Feed 🕡 Mechanic	cal 🕡 Valves 🗓				
Start the pump on pressure drop. Start up pressure: 145					
Start time: 2322					
Pump Suction Pressure: 20	ump Discharge pressure: /50				
Stop time: 2332 Total time running 10 Min					
Comments:					
Diesel					
Pre-start Inspection: Coolant 🕡 Oil 🕡 Mechani					
	1onthly Fuel Consumption:				
Battery volt Crank 1: 76 Battery volt Crank 2:26	Battery Condition: Good				
Starting hour meter: 131 , 6	Start time: 2336				
Oil pressure start:	Oil Pressure finish: 3 8				
Pump Suction Pressure: 70	Pump Discharge pressure: 150				
Coolant temperature after 30 minutes running: 203 aF4Cr 10 min					
Stop time: 1246 Stop hour meter: 131.7 Total run time: 10 min January 1st hour meter: Total YTD hours:					
Comments:					
Sulfur Concentrations (less than or equal to 0.0015% on a weight p	per weight basis).				
This new direct drive fire pump engine shall be limited to use for emergency fire suppression, defin no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up to number of hours necessary to comply with the testing requirements of the National Fire Protection Systems" (current edition). The hours of operation for source testing will not be counted towards Note: Fuel consumption 27 gal/h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	esting and compliance demonstrations. Additionally, this engine shall not be operated more than the n Association. (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire.				



		Valve SI	ned # 1 by	/22/2 Condens		perator 1604
No.	System	PSI	Viv. Pos.		Locked	Comments
1	SG Unit 1 B1-1	154	VO/C	1	Y D N D	
2	SG Unit 2 B1-2	160	VO/C		Y D NE	
	Reheaters B1-3	160	VO/C	レ	Y D N D	
4	Rack 2 West HTF B1-4	154	V0/C	\sim	Y D N/B	
5	Rack 2 East HTF 81-5	140	VO/C		Y D N D	
6	North Steel Pro B1-6	140	VO/C		Y D N D	
7	HTF Pumps B1-7	157	V 0/C		Y-D N D	
В	HTF Heaters B1-8	160	✓ O/C		YONE	
9	South Steel Pro B1-9	100	✓O/C		Y D NE	
10	Lube Oil B1-10	0	0/C ~	/	YETNO	Loto
11	Turbine Hose Stations B1-11	90	0/C ~		Y D N E	
12	Turbine Bearings B1-12	100	0/CV	~	Y D N ET	
		Valve S	hed # 2 b	y Overflo		
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	165	√0/C		Y D N Z	
2	Ullage Area B2-2	155	~0/C	V	Y D N D	
3	Ullage Structure B2-11	160	VO/C		Y D NY	
4	Rack 1 Middle Area B2-5	160	✓ O/C		Y D N E	73
5	Overflow Tanks B2-9	160	√ 0/C		Y D N B	
6	Rack 1 South Area B2-6	100	√0/C		YONE	
7	Rack 1 West B2-7	170	V0/C		Y D N-DY	
8	Rack 1 North Area B2-4	160	VOC	~	Y D N O	
9	Over flow AFFF B2-8	0	0/0		Y D N D	
10	Expansion Vessel AFFF B2-3	0	0/C~		Y D N D	
		Valve Shed # 3	by Bldg 3:	5 GE Elect	rical Bldg	
No.	System	PSI	Viv. Pos.		Locked	Comments
1	Transformer Aux	152	J 0/C	1	YEND	
2	Transformer Main	152	V 0/C	1	YUNE	
	1	Valve Shed # 4	by Coolin	g Tower \	Nest Side	
No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	1 50	V 0/C	\sim	Y D NYZ	
		Valve Shee	d # 5 by C	ontrol Blo	lg 10	
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room 84-5	170	~ O/C		YE NO	
2	Offices B4-3	165	10/C		YOND	
3	Electrical Room B4-4	170	レ0/C		YEND	
	Turbin	e Sprinkler Valves (Th	nese are to	be locke	d in the o	pen position)
No.	System	Locked	Viv. Pos.			Comments
1	Bearing 2	YØ NĒ	J 0/C			
2	Bearing 3		J /, O/C			
3	Bearing 4		J / 9/C			
4	Rearing 5	Y DZ N C	J / O/C			
	HT	F Deluge System Valv	es (To be	Locked in	the Oper	
No.	System	Locked	Viv. Pos.			Comments
1	MP-201	Y D NJ				
2	MP-200A	A □ Nf				
3	MP-200B	Y D N	4			
4	MP-200C	Y D N				
	MP-200D	A □ N1				
		Fire Pum	p House D	eluge Sys	tem	
No.	System	PSI	O/C	Locked		Comments
			0	Y D N Z		
_1	Fire Pump House Deluge	(90	PIV Chec			
	¥r			Date		
No.	System	Position	Cycled	Cycled		Comments
1	Maintenance Shop Drive Way #7	0/C~	/			
2	Maintenance Shop Drive Way #8	✓ 0/C				
3	West Side Power Block by VS-3 # 9	√ 0/C				
4	West Side Power Block by VS-1 # 10	√ 0/C				
5	West Side Cooling Tower by VS-4 # 1					
	West side Cooling Tower by VS-4 # 12					
b b	N.W. Corner Chemical Storage #1	JO/C				
7		J 0/C				
7	N.E. Corner Chemical Storage # 2	1 - 5/ 0	= -			
7 8	N.E. Corner Chemical Storage # 2 Fast Side W.T. by Multimedia Filters #	3 0/0				
7 8 9	East Side W.T. by Multimedia Filters #					
7 8 9	East Side W.T. by Multimedia Filters # East Side W.T. by Multimedia Filters #	√,0/C				
7 8 9 10 11	East Side W.T. by Multimedia Filters # East Side W.T. by Multimedia Filters # North Side Bldg 10 # 6	√ 0/C √ 0/C				
7 8 9 10 11 12	East Side W.T. by Multimedia Filters # East Side W.T. by Multimedia Filters # North Side Bldg 10 # 6 Between MP-444's and Water Treat # Watt Side Power Block Valve Shed #1	5 V O/C V O/C 4 O/C				
7 8 9 10 11 12	East Side W.T. by Multimedia Filters # East Side W.T. by Multimedia Filters # North Side Bldg 10 # 6	5 V O/C V O/C 4 O/C		day of Eve	ery Month	Comments / ActRatge 3240 Qf of 2286



General In					
Plant: Alpha ☑ Beta □	Date: 6/21/24				
Operator:	To be completed each time unit is operated.				
Lose harcia	The NFPA Form AES 5.1must be completed weekly.				
Reason for running pumps: Weekly test 🗹 Mainten	ance Emergency				
Jockey Elec	tric Pump				
Pre-start Inspection: Electrical Feed	90501 054 VAXA 11 70				
Check the jockey pump on pressure drop. Start up pressure:	155ps1				
Discharge Pressure: /45					
Pump Suction Pressure: NA	Pump Discharge pressure: 165				
Comments:					
Electric	THE RESERVE TO SERVE				
Pre-start Inspection: Electrical Feed 🗹 Mechani	cal ☑ ValvesၿÚ				
Start the pump on pressure drop. Start up pressure: 145					
Start time: ~ USLV					
Pump Suction Pressure: 15 psi Pu	ump Discharge pressure: ノダウ				
Stop time: 2852 Total time running 10 mm					
Comments					
Diesel	Pump Pump				
Pre-start Inspection: Coolant ☐ Oil ☐ Mechani	cal □ Valves □ Water Jacket Heater □				
Fuel level > 2/3: Yes □ No □ M	Ionthly 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 Runny Procl gum? unil Futher Notice					
Sulfur Concentrations (less than or equal to 0.0015% on a weight p					
This new direct drive fire pump engine shall be limited to use for emergency fire suppression, define no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up to number of hours necessary to comply with the testing requirements of the National Fire Protection Systems" (current edition). The hours of operation for source testing will not be counted towards Note: Fuel consumption 27 gal/h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	esting and compliance demonstrations. Additionally, this engine shall not be operated more than the Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire				



Automated Fire Systems Inspection Checklist

BETA: Date: 6-29-29 Plant: ALPHA M Valve Shed # 1 by Condenser Viv. Pos. Signage Locked

✓ O/C Y N P Comments System YO NE SG Unit 1 135 1 0/0 YO NE 160 SG Unit 2 2 V V 0/0 YOND 100 3 Reheaters V 0/C YO NO 155 Rack 2 West HTF V 0/C V 160 Y D N D Rack 2 East HTF √ 0/C YONE 166 6 North Steel Pro B1-6 V V O/C YO NE HTF Pumps 160 7 V O/C YO NO, HTF Heaters 1 √ 0/C √ 0/C √ 0/C √ 0/C 155 YD NE 9 South Steel Pro Y D N D 10 Lube Oil 160 Y D N TO 11 Turbine Hose Stations B1-11 15 Vo/C Valve Shed # 2 by Overflow YE N 🗆 Turbine Bearings Viv. Pos. Signage Locked Comments PSI System No. Y D N Z 140 √ O/C Expansion Vessels V 155 V 0/0 Y D N P Ullage Area 155 155 Y D N E V 0/C Ullage Structure V YINE V 0/C Rack 1 Middle Area B2-5 4 V √ 0/C 155 155 Y D N 197 Overflow Tanks B2-9 V 0/C 10 Y D N M 6 Rack 1 South Area Y D N E V Rack 1 West 165 0/0 √ 0/C YO NE Rack 1 North Area 160 V Over flow AFFF 0/C **V** YUNE 0 Y D N D Expansion Vessel AFFF 0/C~ 10 B2-3 Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments PSI Viv. Pos. | Signage Locked **System √**0/C Transformer Aux 170 VOIC YDNZ Transformer Main Valve Shed # 4 by Cooling Tower West Side Comments System PSI Viv. Pos. Signage No. Valve Shed # 5 by Control Bldg 10 Cooling Tower West Side Locked Comments PSI Viv. Pos. Signage No. System 155 Y'O'N'O O/C Control Room 0/C 0/C DK DY Offices YE NO Electrical Room 155 Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. No. System Y 10 N 10 V 0/C Bearing 2 Bearing 3 YE NO V.O/C 3 Bearing 4 4 Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Locked Viv. Pos.
Y □ NVZ ✓ O/C No. System MP-201 Y D N D V O/C MP-200A 2 Y | N | V | O/C Y | N | D | V | O/C Y | N | D | V | O/C 3 MP-200B MP-200C 5 MP-200D Fire Pump House Deluge System Locked Comments System No. Y DY NYC 140 Fire Pump House Deluge **PIV Checks** Date Position Comments Cycled No. O/C Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 O/C **√** 0/C West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 √ O/C ·/ O/C West Side Cooling Tower by VS-4 # 11 V 0/C West side Cooling Tower by VS-4 # 12 **√** 0/C N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 **√** 0/C Я √ 0/C East Side W.T. by Multimedia Filters # 3 10 East Side W.T. by Multimedia Filters # 5 O/C 11 North Side Bldg 10 # 6 0/0 Between MP-444's and Water Treat # 4 O/C J 12 West Side Power Block Valve Shed #1 0/0 13 Cycled First Saturday of Every Month G70-16-0040-MT-FOR-000027 Automated Fire Systems Inspection Check in Be Comments / Actions 9 326 0 0 01228 OR -000027 **Debris** Y □ P即即 of 1Revised 09/24/2019 Transformer Yard Refuse Check



General Information				
Plant: Alpha ☐ Beta ☐	Date: 06/30/24			
Operator:	To be completed each time unit is operated.			
Josetancia	The NFPA Form AES 5.1must be completed weekly.			
Reason for running pumps: Weekly test Maintenar				
Jockey Electr				
Pre-start Inspection: Electrical Feed Mechanica	134511			
Check the jockey pump on pressure drop. Start up pressure:	155 psi			
Discharge Pressure: 165				
Pump Suction Pressure: N/P	Imp Discharge pressure: 165			
Comments:				
The state of the s				
Pre-start Inspection: Electrical Feed Mechanica	· /			
	II 2 Valveş Cı			
Start the pump on pressure drop. Start up pressure: 145				
Start time: 1339				
Pump Suction Pressure: 1509				
Stop time: 2344 Total time running Compa				
Comments: Small water leak on the surtion Button Side				
Diesel P				
Pre-start Inspection: Coolant □ Oil □ Mechanica	al □ Valves □ Water Jacket Heater □			
Fuel level > 2/3: Yes □ No □ Mo	nthly Fuel Consumption:			
Battery volt Crank 1: Battery volt Crank 2: E	Battery Condition:			
Starting hour meter:	Start time:			
Oil pressure start:	Oil Pressure finish:			
Pump Suction Pressure: Pu	ımp Discharge pressure:			
Coolant temperature after 30 minutes running:				
Stop time: Stop hour meter: Total run time:	January 1st hour meter: Total YTD hours:			
Comments:				
Not Running Diesel Pump a	until Futher Notice			
Not Running Tiesel Pump a Sulfur Concentrations (less than or equal to 0.0015% on a weight per	r 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. te: Fuel consumption 27 gal/h approximately. micro is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]				



No.

Transformer Yard Refuse Check

Automated Fire Systems Inspection Checklist

BETA: Date: 6/7/24 Operator Taylor Plant: ALPHA □ Valve Shed # 1 by Condenser Viv. Pos. | Signage Locked
Y W N □
Y V N □ Comments PSI System No. VO/C SG Unit 1 10/0 SG Unit 2 B1-2 Y D N D 50 VO/C 3 Reheaters YD'ND 10/0 Rack 2 West HTF 50 10/0 YD ND Rack 2 East HTF YD'ND 50 V 0/C North Steel Pro YDND JO/C B1-7 HTF Pumps 50 Y D N D √° 0/C HTF Heaters 8 √ 0/C 50 YDYNU South Steel Pro YDNU 10 Lube Oil B1-10 YD NO 50 √ O/C Turbine Hose Stations 11 V 0/C 50 12 Turbine Bearings B1-12 Valve Shed # 2 by Overflow Comments Signage Locked Viv. Pos. PSI System No. YZND VOC Expansion Vessels YOND V V 0/C Ullage Area V V 0/C Ullage Structure YEND 4 Rack 1 Middle Area B2-5 V0/0 150 YNO Overflow Tanks 82-9 V Y D N D V 0/C Rack 1 South Area 82-6 6 YEND 150 V V 0/C Rack 1 West VOC 150 Rack 1 North Area V 0/C Over flow AFFF 9 YEND **Expansion Vessel AFFF** Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments Locked PSI Viv. Pos. Signage System No. VOIC Transformer Aux Valve Shed # 4 by Cooling Tower West Side Transformer Main Comments Viv. Pos. Signage PSI System No. V D N I V 0/C Cooling Tower West Side Valve Shed # 5 by Control Bldg 10 Comments Viv. Pos. | Signage | Locked System No. VOIC Control Room YD NO V V 0/C Offices B4-3 2 √o/c YO NE Electrical Room Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. No. YEIN OC Bearing 2 Y 12 N 12 J 0/C Y 12 N 12 J 0/C Bearing 3 3 Bearing 4 Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Comments Locked Viv. Pos. System No. Y ⊠ N □ √ O/C Y □ N □ √ O/C Y □ N □ √ O/C Y □ N □ √ O/C MP-201 MP-200A MP-200B MP-2000 4 YE NO VO/C MP-200D Fire Pump House Deluge System Comments O/C Locked System YND Fire Pump House Deluge PIV Checks Date Comments **Position** Cycled No. System OCU Maintenance Shop Drive Way #7 V 0/C Maintenance Shop Drive Way #8 √ O/C West Side Power Block by VS-3 # 9 V 0/C West Side Power Block by VS-1 # 10 V0/C West Side Cooling Tower by VS-4 # 11 / 0/0 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 V 0/C N.E. Corner Chemical Storage # 2 V0/C 9 East Side W.T. by Multimedia Filters # 3 V0/0 East Side W.T. by Multimedia Filters # 5 10 signe 15 on the Ground V. 0/C North Side Bldg 10 # 6 11 V 0/C Between MP-444's and Water Treat # 4 12 West Side Power Block Valve Shed #1 G70-16-0040-MT-FOR-000027 Automated Fire Systems Inspection Checking Be Cycled First Saturday of Every Month 13

Debris
Y Propfil of TRevised 09/24/2019

Comments / Actions 32870 15-40225 FOR-0000



General Information				
Plant: Alpha □ Beta ☑	Date: 6/9/24			
Operator: Anthony Vasquez	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.			
Reason for running pumps: Weekly test Maintena				
Jockey Elec	tric Pump			
Pre-start Inspection: Electrical Feed 🎣 Mechanic	al D Valves 🖪			
Check the jockey pump on pressure drop. Start up pressure:	155			
Discharge Pressure: 162	11			
Pump Suction Pressure: — P	ump Discharge pressure: —			
Comments:				
3 ₁ y-				
Electric				
Pre-start Inspection: Electrical Feed Mechanic	al 🗹 Valves 🖟			
Start the pump on pressure drop. Start up pressure: 45				
Start time: 2340				
	mp Discharge pressure: 150			
Stop time: 2350 Total time running 10 min				
Comments:				
Diesel Diesel	Pump			
Pre-start Inspection: Coolant ☐ Oil ☐ Mechanic	cal 🗆 Valves 🗆 Water Jacket Heater 🗆			
Fuel level > 2/3: Yes □ No □ M	onthly 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: E OPS ONLY				
Sulfur Concentrations (less than or equal to 0.0015% on a weight p	er 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)]				



Transformer Yard Refuse Check

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

BETA: Date: 6/15/24 Operator TCV/COT Plant: ALPHA Valve Shed # 1 by Condenser Comments Viv. Pos. | Signage | Locked System PSI No. Y D N M 460 V 0/C SG Unit 1 **1** 0/C Y D N E 170 SG Unit 2 **√** 0/C **√** 0/C **√** 0/C Y D N E Reheaters 190 Y D N Z Rack 2 West HTF 4 VII NE Rack 2 East HTF Y D N 🗹 V 0/C 6 North Steel Pro B1-6 60 V O/C YO NZ 160 4 HTF Pumps Y D N B1-8 60 V 0/C HTF Heaters 8 195 V YII NID V 0/C South Steel Pro 9 0/0/ Y D N Z 10 Lube Oil V 0/C **Turbine Hose Stations** B1-11 V 0/C Y I N I Turbine Bearings 12 Valve Shed # 2 by Overflow Comments PSI Viv. Pos. Signage System No. 900 V 0/C Expansion Vessels Y e N D 190 V O/C Ullage Area B2-2 YEND 90 10/0 3 Ullage Structure B2-11 YIND V 0/C 100 Rack 1 Middle Area 800 140 V 0/C YEND Overflow Tanks V YEND Rack 1 South Area V 0/C Y Z N 🗆 Rack 1 West Y D N V 0/C Rack 1 North Area 8 10/0 170 YZZNO Over flow AFFF 170 10/C Valve Shed # 3 by Bldg 35 Y N D Expansion Vessel AFFF GE Electrical Bldg Comments P51 Viv. Pos. Signage Locked System No. V 0/C V P N D 1 Transformer Aux YND Valve Shed # 4 by Cooling Tower West Side Transformer Main Comments PSI Viv. Pos. Signage System No. YII NE VO/C Cooling Tower West Side Valve Shed # 5 by Control Bldg 10 Viv. Pos. Signage Comments Locked System PSI No. VO/C Control Room **1**0/C Y N D 160 Offices YEND 160 Electrical Room 3 Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos.
Y IV N | V O/C
Y IV N | V O/C System Bearing 2 2 Bearing 3 Y N D V O/C Bearing 4 Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Comments System No. MP-201 2 MP-200A MP-200B MP-200C 4 Y ☑ N □ JO/C Fire Pump House Deluge System MP-200D 5 Comments PSI O/C Locked YND 160 PIV Checks Fire Pump House Deluge Comments **Position** Cycled System No. Cycled 0/C Maintenance Shop Drive Way #7 **√** 0/C Maintenance Shop Drive Way #8 V 0/C West Side Power Block by VS-3 # 9 V 0/C West Side Power Block by VS-1 # 10 V 0/C West Side Cooling Tower by VS-4 # 11 V 0/0 West side Cooling Tower by VS-4 # 12 6 ✓ O/C N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 V 0/C East Side W.T. by Multimedia Filters # 3 V 0/C East Side W.T. by Multimedia Filters # 5 10 V 0/0 North Side Bldg 10 # 6 11 0/C 🖊 Between MP-444's and Water Treat # 4 12 V 0/C West Side Power Block Valve Shed #1 13 G70-16-0040-MT-FOR-000027 Automated Fire Systems Inspection Check OxBe Cycled First Saturday of Every Month Comments / Action ge 330 of 014228 FOR-0000 Debris System Y | PROPT of TRevised 09/24/2019



General Inf	ormation				
Plant: Alpha □ Beta 🖫	Date: 6/17/24				
Operator: Anthony UGSquez	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.				
Reason for running pumps: Weekly test 🕡 Maintena	nce 🛘 Emergency 🗆				
Jockey Elect	tric Pump				
Pre-start Inspection: Electrical Feed Mechanic	al 🖟 Valves 🖪				
Check the jockey pump on pressure drop. Start up pressure:	155				
Discharge Pressure: 162					
Pump Suction Pressure: P	ump Discharge pressure: —				
Comments:					
Electric	Pump				
Pre-start Inspection: Electrical Feed Mechanic	al 🖟 Valves 🖟				
Start the pump on pressure drop. Start up pressure: 145					
Start time: 0030					
Pump Suction Pressure: 2 O	mp Discharge pressure: 150				
Stop time: OOGO Total time rur	nning 10 Min				
Comments:					
Diesel	Pump				
Pre-start Inspection: Coolant ☐ Oil ☐ Mechanic	al 🛮 Valves 🗈 Water Jacket Heater 🖯				
Fuel level > 2/3: Yes □ No □ M	onthly 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:	ump Discharge pressure:				
Coolant temperature after 30 minutes running:					
Stop time: Stop hour meter: Total run time:	January 1st hour meter: Total YTD hours:				
Comments: E OPS ONLY					
Sulfur Concentrations (less than or equal to 0.0015% on a weight p					
no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up te	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 "vstems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.				



		Plant: ALPHA	□ BETA: □	Date:	0/22	2/24 m	erator EVICE
		Plant. ALPHA	==10	ed # 1 by	Condens	,	erator
No.	1	System	Valve Sn	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	81V.S	1100	√ 0/C	Jigilage	Y Z N D	Commence
2	SG Unit 2	31.2	155	VO/C	1	YZNO	
3	Reheaters	3 3	155	√ 0/C		YZ NO	
4	Rack 2 West HTF	31-4	160	V 0/C		YZNO	
5	Rack 2 East HTF	81-5	155	√ 0/C	1	YZNO	
6	North Steel Pro	31.6	155	√ 0/C	1,	YZNO	
7	HTF Pumps	31-7	155	/ Q/C	V	YZ NO	
8	HTF Heaters	31-3	155	V O/C	1	YZNU	
9	South Steel Pro	31-9	135	/ O/C	1/	YZ N 🗆	
10	Lube Oil	31-10	155	/ O/C	V	YDND	
11	Turbine Hose Stations		155	√0/C	1	Y D N	
12	Turbine Bearings	81-12	155	/ O/C red # 2 b	Overflo	YDIND	
No.	T	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	32-1	160	10/C	Signage	Y Z N D	Comments
2	Ullage Area	B2-2	140	✓ 0/C		YØ NO	
3	Ullage Structure	B2-11	156	✓ O/C		NO NO	
4	Rack 1 Middle Area	32-5	100	✓ O/C		YZ NO	
5	Overflow Tanks	32-9	155	1 0/C	1	YUND	
6	Rack 1 South Area	B2-6	165	V 0/C		YE NO	
7	Rack 1 West	B2-7	155	JO/C	~	YOND	
8	Rack 1 North Area	B2-4	155	✓ O/C	1	YZINO	
9	Over flow AFFF	B2-8	160	J 0/C		YZNO	
10	Expansion Vessel AFF	B2-3	160	- O/C	/	YZ NO	
			Valve Shed # 3 b	y Bldg 3			
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		155	V0/C		YDYNO	
2	Transformer Main		155	O/C		YZNO	
			Valve Shed # 4 b			West Side	
No.		System	PSI	Viv. Pos.	Signage	V	Comments
1	Cooling Tower West S	ide	Valuation	0/C	manal Dia	YDND	
Ma	T	Contaus	Valve Shed				Comments
No.	Control Room	System B4-5	155	Viv. Pos.	Signage	Locked Y Ø N □	Continents
2	Offices	84-3	133	- O/C	-	YZNO	
3	Electrical Room	84-4	160	₩ O/C		YOND	
	piceurear riodini		kler Valves (The	se are to	he locke		en position)
No.		System	Locked	Viv. Pos.			Comments
1	Bearing 2	-3	YONE				
2	Bearing 3		Y D N D				
3	Bearing 4		Y D NZ				
4	Bearing 5		Y D N Ø	VO/C			NAME OF THE PROPERTY OF THE PR
	//	HTF Delug	je System Valve	s (To be I	ocked in	the Open i	Position)
No.		System	Locked	Viv. Pos.			Comments
1	MP-201		Y D N D	√ O/C			
2	MP-200A		Y D N'D	√ 0/C			
3	MP-200B		YOND				
4	MP-200C		YO N'D	√ 0/C			
5	MP-200D		YD ND				
	r		Fire Pump	House De	luge Sys	tem	
Vo.		System	PSI	O/C	Locked		Comments
1	Fire Pump House Delu	ge	182	0	Y Z N 🗆		
				PIV Chec			
lo.		System	Position	Cycled	Date		Comments
1	Maintenance Shop Dri		0/C /	-,	Cvcled		
2	Maintenance Shop Dri		- J O/C				
3	West Side Power Block		2 O/C				
4	West Side Power Block		- O/C				
5	West Side Cooling Tow		- O/C				
6	West side Cooling Tow		0/C				
7	N.W. Corner Chemical		70/C				
8	N.E. Corner Chemical S		✓ O/C				
	East Side W.T. by Multi		10/C				
			✓ 0/C				
9	LEast Side W.T. by Multi			-			
9	East Side W.T. by Multi North Side Bldg 10 # 6		- O/C				
9 10			✓ O/C O/C ∵				
9 10 11 12 13	North Side Bldg 10 # 6 Between MP-444's and West Side Power Block	Water Treat # 4 Valve Shed #1	0/C √				
9 10 11 12 13	North Side Bldg 10 # 6 Between MP-444's and West Side Power Block	Water Treat # 4	0/C √	st Saturd	ay of Eve	ry Month	Page 332 of 1228 Comments / Actions (670-16-0040-MT-FC



Fire Pump Weekly Test Log **General Information** Date: Alpha □ Beta 🛮 Plant: *To be completed each time unit is operated Operator/ Emergency \square Weekly test Maintenance Reason for running pumps: **Jockey Electric Pump** Mechanical Z Valves 🛭 Electrical Feed Pre-start Inspection: Check the jockey pump on pressure drop. Start up pressure: Discharge Pressure: Pump Discharge pressure: Pump Suction Pressure: Comments: **Electric Pump** Valves 🖸 Mechanical Z Electrical Feed Pre-start Inspection: Start the pump on pressure drop. Start up pressure: Start time: 7659 Pump Discharge pressure: Pump Suction Pressure: Total time running p time: 🖳 🗘 🗘 Comments: **Diesel Pump** Water Jacket Heater 🗆 Valves □ Pre-start Inspection: Coolant 🛘 Oil 🗆 Monthly Fuel Consumption: No □ Fuel level > 2/3: Yes 🛚 Battery Condition: Battery volt Crank 2: Battery volt Crank 1: Start time: Starting hour meter: Oil Pressure finish: Oil pressure start: Pump Discharge pressure: Pump Suction Pressure: Coolant temperature after 30 minutes running: Total time running: Stop hour meter: Stop time: Comments: Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis). his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above Note: Fuel consumption 27 gal/ h approximately. e is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]



Automated Fire Systems Inspection Checklist

6 29 24 Operator Erick вета: 🗹 Date: Plant: ALPHA Valve Shed # 1 by Condenser Comments PSI Viv. Pos. Signage Locked System YDN V0/0 SG Unit 1 YON V0/C SG Unit 2 155 YDND 155 10/0 Reheaters YZND JO/C Rack 2 West HTF 4 V-0/C YO'ND Rack 2 East HTF YZ NO North Steel Pro 155 -O/C 6 YND 0/0 HTF Pumps 7 Y Z NO V0/C 155 HTF Heaters 10/0 South Steel Pro 160 9 YDND 155 V 0/C Lube Oil 10 Y D NE **√**0/C Turbine Hose Stations 11 Valve Shed # 2 by Overflow YNO 12 Turbine Bearings Comments Locked P51 Viv. Pos. Signage System No. VO/C Expansion Vessels YOND JO/0 160 2 Ullage Area YDND 0/0 3 Ullage Structure VO/C YZND Rack 1 Middle Area VO/C YD'NO 155 Overflow Tanks YDND 10/0 Rack 1 South Area 100 6 YZND -O/C Rack 1 West YD,NO 0/0 Rack 1 North Area 155 8 -0/C YZNI 160 Over flow AFFF Valve Shed # 3 by Bldg 35 GE Electrical Bldg 10 Expansion Vessel AFFF B2-Comments PSI Viv. Pos. Signage Locked System ✓ O/C Transformer Aux YND 155 10/0 Transformer Mair Valve Shed # 4 by Cooling Tower West Side Comments PSI Viv. Pos. Signage System No. Valve Shed # 5 by Control Bldg 10 **√**0/C Cooling Tower West Side Comments Viv. Pos. Signage Locked PSI System No. AD. NO ✓ 0/C Control Raom VO/C Offices YO NE (60) Electrical Room 3 Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. System YOND VO/C Bearing 2 2 Bearing 3 Y D N D VO/C Bearing 4 HTF Deluge System Valves (To be Locked in the Open Position) Bearing 5 4 Locked Viv. Pos.

y | N | O/C

y | N | O/C Comments System No. MP-201 MP-200A MP-200B 4 MP-2000 MP-200D 5 Fire Pump House Deluge System Comments Locked O/C System No. YEND Fire Pump House Deluge 180 PIV Checks Comments **Position** Cycled No. System **√** 0/0 Maintenance Shop Drive Way #7 0/C 🗸 Maintenance Shop Drive Way #8 / 0/0 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 / 0/0 West Side Cooling Tower by VS-4 # 11 ✓ O/C West side Cooling Tower by VS-4 # 12 **/** 0/0 6 **/**0/C N.W. Corner Chemical Storage #1 **/**0/C 8 N.E. Corner Chemical Storage # 2 ✓ O/C East Side W.T. by Multimedia Filters # 3 ✓ O/C East Side W.T. by Multimedia Filters # 5 10 North Side Bldg 10 # 6 **/** 0/0 11 0/C **/** Between MP-444's and Water Treat # 4 12 V 0/0 West Side Power Block Valve Shed #1 13 G70-15-0040-MT-FOR-000027 Automated Fire Systems Inspection Check D. Be Cycled First Saturday of Every Month Comments / Acage 334 of 11228 17-FOR-0000027 System Transformer Yard Refuse Check



Fire Pump Weekly Test Log **General Information** Date: (3) 201124 Alpha □ Plant: Beta 🛭 *To be completed each time unit is operated. Operator: 1) Maintenance Reason for running pumps: | Weekly test | **Jockey Electric Pump** Valves 🛭 Electrical Feed Z Mechanical Z Pre-start Inspection: Check the jockey pump on pressure drop. Start up pressure: /5 Discharge Pressure: Pump Discharge pressure: [[[[[PS] Pump Suction Pressure: Comments: **Electric Pump** Electrical Feed Mechanical 🗵 Valves ☑ Pre-start Inspection: Start the pump on pressure drop. Start up pressure: Start time: 1327 Pump Discharge pressure: ISO PS Pump Suction Pressure: 10ps Total time running op time: // Comments: Diesel Pump Valves Water Jacket Heater Pre-start Inspection: Coolant [Oil 🗆 Mechanical Fuel level > 2/3: Yes □ No □ Monthly Fuel Consumption: Battery volt Crank 2: **Battery Condition:** Battery volt Crank 1: 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) his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above 'e: Fuel consumption 27 gal/ h approximately. is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]



General Information					
Plant: Alpha ☑ Beta □	Date: 7 27 24				
Operator:	To be completed each time unit is operated.				
	The NFPA Form AES 5.1must be completed weekly.				
Reason for running pumps: Weekly test Maintena					
Jockey Elec					
Pre-start Inspection: Electrical Feed ☐ Mechanica	al 🗆 Valves 🗆				
Check the jockey pump on pressure drop. Start up pressure:					
Discharge Pressure:					
Pump Suction Pressure: Pum	np Discharge pressure:				
Comments: Did not conduct	f Testing no operator				
Electric	Pump				
Pre-start Inspection: Electrical Feed ☐ Mechanica	al 🗆 Valves 🗆				
Start the pump on pressure drop. Start up pressure:					
Start time:					
Pump Suction Pressure: Pump	o Discharge pressure:				
Stop time: Total time runni	ng				
Comments: Did not condi	uct testing no operator				
Diesel	Pump				
Pre-start Inspection: Coolant ☐ Oil ☐ Mechanica	al 🛮 Valves 🗆 Water Jacket Heater 🗆				
Fuel level > 2/3: Yes □ No □ Mon	thly Fuel Consumption:				
Battery volt Crank 1: Battery volt Crank 2:	Battery Condition:				
Starting hour meter:	Start time:				
Oil pressure start:	Oil Pressure finish:				
Pump Suction Pressure: Pump Discharge pressure:					
Coolant temperature after 30 minutes running:					
Stop time: Stop hour meter: Total run time:	January 1 st hour meter: Total YTD hours:				
Comments: Did not conduc	I testing no operator				
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 no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up test number of hours necessary to comply with the testing requirements of the National Fire Protection . Systems" (current edition). The hours of operation for source testing will not be counted towards eith Note: Fuel consumption 27 gal/ h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	sting and compliance demonstrations. Additionally, this engine shall not be operated more than the Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire				



General Information					
Plant: Alpha ⊡ Beta □	Date: 7-7-24				
Operator: Roy . W	*To be completed each time unit is operated.				
Reason for running pumps: Weekly test 🗹 Maintenar	nce 🛘 Emergency 🖯				
Jockey Elec	tric Pump				
Pre-start Inspection: Electrical Feed ☐ Mechanica	I □ Valves □				
Check the jockey pump on pressure drop. Start up pressure:	155				
Discharge Pressure: 162					
Pump Suction Pressure: Pu	mp Discharge pressure: 16 Z				
Comments:					
Electric	Pump				
Pre-start Inspection: Electrical Feed 🗹 Mechanica	I ☑ Valves ☑				
Start the pump on pressure drop. Start up pressure:					
Start time: ひ15					
Pump Suction Pressure: 12 Pump Discharge pressure: 150					
Stop time: 2125 Total time running 10 min					
_omments:					
Diesel	Pump				
Pre-start Inspection: Coolant V Oil Mechanica					
The start inspection.	nthly Fuel Consumption:				
Battery volt Crank 1: 27.3 Battery volt Crank 2: 77.2	Battery Condition: C766d				
Starting hour meter: 131.7	Start time: Z1Z8				
Oil pressure start: 57	Oil Pressure finish: 38				
	ımp Discharge pressure: /55				
Coolant temperature after 30 minutes running: 707					
Stop time: 2138 Stop hour meter: 131, 8 Total time running: 10 min					
Comments: Charge air cooler, temp out of conget Fast packing spring water					
Sulfur Concentrations (less than or equal to 0.0015% on a weight pe					
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/ h approximately. are is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]					



		Valve She	a# i by	Condens	er	erator Jose Harcia
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	[60	1/0/C	V	YUND	
2	SG Unit 2 B1-2	160	√0/C	V,	YZN	
3	Reheaters B1-3	160	V/0/C	V	Y DY N D	
4	Rack 2 West HTF 81-4	160	√ .O/C	V	YDND	
5	Rack 2 East HTF B1-5	100	V/O/C	V	Y D N D	
6	North Steel Pro B1-6	160	V O/C	1	YZ, NO	
7	HTF Pumps 81-7	160	V,0/C	V .	YZ/NO	
8	HTF Heaters B1-8	100	V,0/C	V	Y M N D	
9	South Steel Pro B1-9	(40)	√ O/C	V	YUND	
10	Lube Oil B1-10	160	V 0/C	V	A DD N D	
11	Turbine Hose Stations B1-11	160	1/0/C	V	YE NO	
12	Turbine Bearings B1-12	160	V 0/C	LV.	YDYND	
		Valve Sh		Overflo		
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	16	V,0/C	1	Y Ø N □	
2	Ullage Area B2-2	(60	V 0/C	-	Y Z N D	
3	Ullage Structure B2-11	160	V,0/C	V	YUND	
4	Rack 1 Middle Area B2-5	160	V,0/C	/	YZ, NO	
5	Overflow Tanks B2-9	160	√ O/C	1	Y D N D	
6	Rack 1 South Area B2-6	llee	V, O/C	V/	Y DA N D	
7	Rack 1 West B2-7	160	√, o/c	1	YD, NO	
8	Rack 1 North Area B2-4	160	V 0/C	V,	Y D N D	
9	Over flow AFFF B2-8		O/C V	1/	Y D /N D	
10	Expansion Vessel AFFF B2-3		O/C V	V	A B N D	
	Va	ve Shed # 3 b	y Bldg 35			
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	0 0/0	V	YD NO	
2	Transformer Main	160	D 0/C	V	AD NO	
	Va	lve Shed # 4 b	y Cooling	g Tower \	Nest Side	
No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	V 0/C	V	Y DV N D	
		Valve Shed	# 5 by Co	ontrol Blo	lg 10	
No.	System	PSI	Viv. Pos.		Locked	Comments
1	Control Room 84-5	160	V 0/C	V	YD, NO	
2	Offices B4-3	160	V 0/C	V _Z	Y D N D	
3	Electrical Room 84-4	160	1/0/0		YDND	
	Turbine Sprinkl	er Valves (The	sé are to	be locke	d in the op	pen position)
No.	System	Locked	Viy. Pos.			Comments
1	Bearing 2	Y Z N 🗆	V.0/C			
2	Bearing 3	Y DZ N D	VOC			
3	Bearing 4	Y D , N D	V O/C			
4	Roaring 5	Y 🗹 N 🗆	1/0/C			AND
	HTF Deluge	System Valve	s (To be	Locked in	the Open	Position)
No.	System	Locked	Viv. Pos.			Comments
1	MP-201	YZNO				
2	MP-200A	YD'ND				
3	MP-200B	Y D N D				
4	MP-200C	YND				
5	MP-200D	YDNO				
	[ivii 2000	Fire Pump	House D	eluae Sv	tem	
				The many of the		Comments
No.	System	PSI	O/C	Locked	2 2	Commune
1	Fire Pump House Deluge	190	0	YDN		
			PIV Chec			
No.	System	Position	Cycled	Date		Comments
		O/C V	1	Cycled		
1	Maintenance Shop Drive Way #7	J 0/C	1	V.		
2	Maintenance Shop Drive Way #8	√ 0/C	V	01/01		
3	West Side Power Block by VS-3 # 9		V	7/7		
4	West Side Power Block by VS-1 # 10	V 0/C	1	07/7	1	
5	West Side Cooling Tower by VS-4 # 11	√0/C	14	3/1		
	West side Cooling Tower by VS-4 # 12	V,0/C	1/			
6	N.W. Corner Chemical Storage #1	V 0/C	V	67/7		
7		V, O/C	V	67/7		
7 e 8	N.E. Corner Chemical Storage # 2	1 /		57/7		
7 e 8 9	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3	√ O/C		11/2		
7 8 9 10	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5	V,0/C	V	07/7		
7 e 8 9	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6	V,0/C		67/7		
7 8 9 10	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	√,0/C √ 0/C 0/C√	V			
7 8 9 10 11 12	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4 West Side Prover Block Valve Shed #1	√,O/C √ O/C O/C O/C	. /	67/7		
7 8 9 10 11 12	N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	√,O/C √ O/C O/C O/C	. /	67/7	ery Month	Comments / Actorage 338, of 1228



General Info	ormation						
Plant: Alpha ☑ Beta □	Date: 7 - 16 - 24						
Operator: Ruy	*To be completed each time unit is operated.						
Reason for running pumps: Weekly test Maintenan	ce 🛘 Emergency 🗔						
Jockey Elect	ric Pump						
Pre-start Inspection: Electrical Feed	□ Valves □						
Check the jockey pump on pressure drop. Start up pressure:	159						
Discharge Pressure: 167							
Pump Suction Pressure: Pur	mp Discharge pressure: 167						
Comments:							
Electric	7						
Pre-start Inspection: Electrical Feed B Mechanical	☐ Valves ☐						
Start the pump on pressure drop. Start up pressure: 145							
Start time: 71 40	2:-1						
	p Discharge pressure: /50						
op time: 2150 Total time runn	ing 10 min						
Comments:							
Diesel I	Pump						
Pre-start Inspection: Coolant 🗹 Oil 🖫 Mechanica	Valves ☑ Water Jacket Heater ☐						
Fuel level > 2/3: Yes ☑ No ☐ Mor	nthly Fuel Consumption:						
Battery volt Crank 1: 27. 1 Battery volt Crank 2: 27. 1	Battery Condition: (1008						
Starting hour meter: 131. 8	Start time: ZI 5 3						
Oil pressure start: 57	Oil Pressure finish: 39						
Pump Suction Pressure: 1855 10 pSi Pu	mp Discharge pressure: /55						
Coolant temperature after 30 minutes running: 705							
Stop time: 27.03 Stop hour meter: 13	1. 9 Total time running: 10 m in						
Comments: Charge air coolar							
High temp							
Sulfur Concentrations (less than or equal to 0.0015% on a weight per							
more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing a of hours persessary to comply with the testing requirements of the National Fire Protection Association	his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems' (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.						



		Plant: ALPHA 😿 B	BETA:	Date: 7	15/2	4 or	perator Taylor
			Valve She				C
No.		ystem	PSI	Viv. Pos.	Signage	Locked	Comments
1		1-1	1,60	J 0/C	V	Y DV N D	-
2	7.4.41.014	1-2	160	✓ O/C	V,	YWND	
3	Itelioaters	1-3	160	J 0/C		YDYND	
4	1,000	1-4	160	V 0/C	-	YDNO	
5		31-5	100	V 0/C	-1,	YDYND	
6		31-6	160	√ 0/C	-	YEV	
7		31-7	160	₩ O/C	V		
88		31-8	160	V 0/C	V,	YDYND	
9		31-9	160	V 0/C	V.	Y DZ N 🗆	
10		31-10	35	J 0/C	_/_	Y DV N 🗆	
11	Turbine Hose Stations	81-11	35	√ 0/C	<i>V</i> ,	Y W N D	
12 -	Turbine Bearings	B 1 -12	160	√ 0/C	1	YEVND	
			ALTONO DESCRIPTION		Overflo		
No.	S	ystem	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	160	√ 0/C		YOUYNO	
2	Ullage Area	32-2	160	√ 0/C	V	Y N D	
3		B2-11	160	V 0/C	V	YELND	
4		B2-5	1600	V. O/C	J	YUND	
5		32-9	160	V 0/C		Y D N D	
6		B2-6	160	V 0/C	V	Y M N	
7		32-7	160	V 0/C	1	Y D N	
8		B2-4	160	√ 0/C	1	Y D N	
9		B2-8		0/C 🖍	V	YEND	
10		B2-3		0/01	1	Y D N W	
10	Expansion vesserium	Valve S	hed # 3 b	v Blda 3	GE Elect	trical Bldg	
No.	s	iystem	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	John	160	V 0/C	V	YND	
2	Transformer Main		160	VO/C	~	YEND	
	Transformer Main	Valve 9	hed # 4 b				
No.		iystem	PSI	Viv. Pos.	Signage		Comments
			50	V 0/C	V	YO NE	no Lock
11	Cooling Tower West Side	V:	lve Shed				THE DOOM
			PSI	Viv. Pos.	Signage	Locked	Comments
No.		System	45	VIV. POS. √ O/C	Signage	Y D' N 🗆	Communic
1		34-5 34-3		V 0/C	~	YEND	
2			160		-	YEND	
3	Electrical Room	34-4 Turbine Sprinkler V	35 The	√ 0/C			oon position)
					De locke	u iii tiie o	Comments
No.		system	Locked	Viv. Pos.			Commens
1	Bearing 2		YZN	V 0/C			
2	Bearing 3		YMN	V 0/C			
3	Bearing 4		YDV				
4	Bearing 5		YVV	V O/C			B. delana
	1	HTF Deluge Syst			ocked in	the Open	
No.	5	System	Locked	Viv. Pos.			Comments
1	MP-201		YMND	V 0/C			
2	MP-200A		Y DZ N 🗆				
3	MP-200B		YEND				
4	MP-200C		YZN				
5	MP-200D		Y NO				
	1):	F	ire Pump	House D	eluge Sys	tem	
Na			PSI		Locked		Comments
No.		System			Y NO N D		
1	Fire Pump House Deluge		160	O Char		1	
				PIV Chec		_	
No.	S	System	Position	Cycled	Date Cycled		Comments
1	Maintenance Shop Drive	Way #7	0/C V		- STATES		
2	Maintenance Shop Drive		√ 0/C				
3	West Side Power Block b		V 0/C			1	
	West Side Power Block b		V 0/C			-	
4			V 0/C		_		
5	West Side Cooling Tower		V 0/C				
6	West side Cooling Tower						
7	N.W. Corner Chemical St		V 0/C				
8	N.E. Corner Chemical Sto		√ 0/C				
9	East Side W.T. by Multim		√ , 0/C			_	
10	East Side W.T. by Multim	edia Filters # 5	V 0/C				
	North Side Bldg 10 # 6		J O/C			1	
11		Vater Treat # 4	0/CV			loto	
11	Between MP-444's and V						
	West Side Power Block V	alve Shed #1	O/C				
12		alve Shed #1	Cycled Fir	st Saturd	ay of Eve	ry Month	
12	West Side Power Block V	alve Shed #1	Cycled Fir			ery Month	Comments / Actions FO-08M-MJV
12 13	West Side Power Block V	To Be	Cycled Fir	st Saturd 109/24/2019		ery Month	Comments / Actions FO-ORM-MJ/ Page 340 of 1228



General Inf	ormation					
Plant: Alpha ☑ Beta □	Date: 1/20/24					
Operator: Taylor	*To be completed each time unit is operated.					
Reason for running pumps: Weekly test 1/2 Maintenan	nce 🗆 Emergency 🗆					
Jockey Elect	tric Pump					
Pre-start Inspection: Electrical Feed ☐ Mechanical	│					
Check the jockey pump on pressure drop. Start up pressure:						
Discharge Pressure:						
Pump Suction Pressure: Pur	mp Discharge pressure:					
Comments:						
Electric						
Pre-start Inspection: Electrical Feed ☐ Mechanical	I □ Valves □					
Start the pump on pressure drop. Start up pressure:						
Start time:						
	p Discharge pressure:					
op time: Total time runn	ing					
Comments:						
Diesel I	Pump					
Pre-start Inspection: Coolant ☑ Oil ☑ Mechanica	│ ☑ Valves ☑ Water Jacket Heater ☑					
Fuel level > 2/3: Yes No Mor	nthly Fuel Consumption:					
Battery volt Crank 1: 🗸 Battery volt Crank 2:	Battery Condition: Good					
Starting hour meter: 131,9	Start time: 10:39pm					
Oil pressure start:	Oil Pressure finish: 46					
Pump Suction Pressure: Pu	mp Discharge pressure:					
Coolant temperature after 30 minutes running: 21 7						
Stop time: [0], 49 pm Stop hour meter:	Total time running:					
Comments:						
Sulfur Concentrations (less than or equal to 0.0015% on a weight per	weight basis).					
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start -up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/ h approximately. re is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]						



				Condens		
No.	System	PSI	Viv. Pos.		Locked	Comments
1	SG Unit 1 B1-1	160	VO/C	-	YEND	
2	SG Unit 2 B1-2	(60	O/C		YEND	
3	Reheaters B1-3	160	0 /C	V	YUND	
4	Rack 2 West HTF B1-4	[60	√ 0/c		YMN	
5	Rack 2 East HTF B1-5	160	V O/C	~	YMNU	
6	North Steel Pro 81-6	160	√ 0/C	~	YMND	
7	HTF Pumps B1-7	160	O/C	V.	YMND	
8	HTF Heaters B1-8	160	√ 0/C	✓	Y IZ N 🗆	
9	South Steel Pro B1-9	160	VO/C		YEND	
10	Lube Oil B1-10	160	√ 0/C	/	YN ND	
11	Turbine Hose Stations B1-11	160	√ 0/C		YZNO	(16)
12	Turbine Bearings B1-12	160	VO/C	ン	YEND	
		Valve Sh	ed # 2 by	Overflo	w	
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels 82-1	165	VO/C	~	YEND	72
2	Ullage Area B2-2	טרו	1 0/C		YEND	
3	Ullage Structure 82-11	155	√ 0/C	5	YEND	10
4	Rack 1 Middle Area B2-5	168	1 0/C	ン	YUND	22
5	Overflow Tanks 82-9	125	1 0/C	V	YEND	The state of the s
6	Rack 1 South Area B2-6	128	V 0/C	10	YEND	
7	Rack 1 West B2-7	150	√ 0/C		YEND	
	Rack 1 West B2-7 Rack 1 North Area B2-4		√ 0/C	10	YEND	
8		165		-	YEND	
9	Over flow AFFF B2-8		0/C 🔭	-		4
10	Expansion Vessel AFFF B2-3	Jahra Charl # 2 !	0/C 3		Y DO NO	
		/alve Shed # 3 b				C
No.	System	PSI		Signage	Locked	Comments
1_	Transformer Aux	160	V 0/C	V	YWND	
2	Transformer Main	165	V O/C	V Tauran V	YZND	
		/alve Shed # 4 b			Vest Side	
No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	VO/.C	-	YND	
		Valve Shed				
No.	System	PSI		Signage	Locked	Comments
1	Control Room B4-5	160	√ 0/C		YOND	
2	Offices B4-3	160	∨ 0/C	V	YEND	
3	Electrical Room B4-4	155	10/C		YEND	
	Turbine Sprin	kler Valves (The	se are to	be locke	d in the open	position)
No.	System	Locked	Viv. Pos.			Comments
1	Bearing 2	YEND				
2	Bearing 3	YEND				
3	Bearing 4	YEND				
4	Bearing 5	Y-Z N D				
		ge System Valve		ocked in	the Open Pos	ition)
Nie			Viv. Pos.	ocked iii	the openios	Comments
No.	System					Comments
1	MP-201	YPND				
2	MP-200A	YEND				
3	MP-200B	YNU				
4	MP-200C	YND	V 0/C			
5	MP-200D	YEND	₩0/C			
		Fire Pump	House De	luge Sys	tem	
No.	System	PSI	O/C	Locked		Comments
_			V	YND		
1	Fire Pump House Deluge	IQD				
_			PIV Chec	KS Date		
No.	System	Position	Cycled	Cycled		Comments
1	Maintenance Shop Drive Way #7	0/0		- LILIEU		
2	Maintenance Shop Drive Way #8	10/C				
3	West Side Power Block by VS-3 # 9	₩ 0/C				
4	West Side Power Block by VS-1 # 10	0/C		-		
5		O/C				
	West Side Cooling Tower by VS-4 # 11					
6	West side Cooling Tower by VS-4 # 12	-0/C				
7	N.W. Corner Chemical Storage #1	10 /C				
8	N.E. Corner Chemical Storage # 2	0/c				
9	East Side W.T. by Multimedia Filters # 3	√ 0/C				
10	East Side W.T. by Multimedia Filters # 5	V Q/C				
11	North Side Bldg 10 # 6	₽ 0/C				
12	Between MP-444's and Water Treat # 4	0/C X				
13	West Side Power Block Valve Shed #1 0-MT-FOR-000027 Automated Fire Systems Inspection Check	0/0			B1+6 0	21.4
16-004	0-MT-FOR-000027 Automated Fire Systems Inspection Check	To Be Cycled Fir	st Saturd	ay of Eve	ry Month	
	The second secon					Comments / Actions ge 342 of 1228
lo.	System		of TRevised			Comments / Actions O G70-16-0040-MT-F



			Valve She				
lo.		System	4 PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	V60	O/C		YON	
2	SG Unit 2	B1-2	160	O/C	~	YND	
3	Reheaters	B1-3	160	1 0/C		YMNU	
4	Rack 2 West HTF	B1-4	155	1 0/C		YEND	
5	Rack 2 East HTF	B1-5	160	VO/C		YEND	
6	North Steel Pro	B1-6	160	10/C	~	Y N D	
7	HTF Pumps	B1-7	160	VO/C	V	YDN	
8	HTF Heaters	81-8	150	VO/C	0	YOND	
9	South Steel Pro	B1-9	160	VO/C	V	YEND	
10	Lube Oil	B1-10	0	0/C X		YMNU	LOTO
11	Turbine Hose Stations	B1-11	160	VO/C	V	YEND	
12	Turbine Bearings	B1-12	160	VO/C	~	YUNU	
	Totaling Dearings	BT IL	Valve Sh		Overflor	N	
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	165	√ O/C	1	YND	
2	Ullage Area	B2-2	180	VO/C	-	Y D N	
			163	VO/C	V	YEND	
3	Ullage Structure	B2-11	180	VO/C	V	YEND	
4	Rack 1 Middle Area	B2-5	132	V Q/C	~	YEND	
5	Overflow Tanks	B2-9	125	10/C	V	YEVNO	
6	Rack 1 South Area	B2-6	160		V	YEVNU	
7	Rack 1 West	B2-7	160	VO/C			
8	Rack 1 North Area	B2-4	165	√ 0/C	V	YDND	
9	Over flow AFFF	B2-8	2	0/C X	V	YEND	
10	Expansion Vessel AFFF	B2-3	0	O/C X		YDNO	
		V	alve Shed # 3 b				
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		160	Voic	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	YOUND	
2	Transformer Main		150	V O/C	~	YEND	
		- N	alve Shed # 4 b	y Cooling	Tower V	Vest Side	
No.		System	PSI	Viv Fos.	Signage		Comments
1	Cooling Tower West Si		160	► O/C	V	YND	
	10001119		Valve Shed	# 5 by Co	ntrol Bld	a 10	
No.	T	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	160	VO/C	6	YEND	
2	Offices	B4-3	160	VOIC	1/	YEND	
3	Electrical Room	B4-4	160	16/C	سا	YEND	
	Liectifical Room	Turbing Sprin	kler Valvės (The	se are to	he locke		en nosition)
			Locked		De locke	u iii tiie op	Comments
No.	2	System	YEND	Viv_Pos.			Commend
1	Bearing 2						
2	Bearing 3		Y	VO/C			
3	Bearing 4		YDDA				
4	Bearing 5		YND	V 0/C	l		0 141 1
		HTF Delug	e System Valve		ocked in	the Open	
No.		System	Locked	Viv. Pos.			Comments
1	MP-201	37.	YPN				
2	MP-200A		Y N D				
3	MP-200B		YEND				
4	MP-200C		YMND	VO/C			
5	MP-200D		Y DO N D				1
			Fire Pump		eluae Svs	tem	
Ma		Curtom	PSI	O/C	Locked		Comments
No.		System					/ 55,1111,115
1	Fire Pump House Delu	je	195	1	Y N O		
				PIV Chec			
No.		System	Position	Cycled	Date		Comments
	Maintonance Ct D :		0/C X		Cvcled		
1	Maintenance Shop Driv						
2	Maintenance Shop Driv		10/C				
3	West Side Power Block		√ 0/c				
4	West Side Power Block		- 0/c				
5	West Side Cooling Tow		VOIC				
6	West side Cooling Tow		• O/C				
7	N.W. Corner Chemical		VO/C				
8	N.E. Corner Chemical S	torage # 2	√ 0/C				Y
9	East Side W.T. by Multi		V 0/c				
10	East Side W.T. by Multi		O/C				
11	North Side Bldg 10 # 6		10/c				
12	Between MP-444's and		0/0				
13	West Side Power Block		0/0			134	ta Only
	I KARPE PIOCE LOMBE BIOCK	valve andu # [O/C			17.5	IN UNIY
10	e la		To Re Curled Fire	ST Satisfa	AV OF FUA	ry Month	
16-004 Vo.	0-MT-FOR-000027 Automated	Fire Systems Inspection Check System	Rose Cycled Fire	of TRevised	ay of Eve	ry Month	Comments / Actionage 343 of 122



General Information									
Plant: Alpha 🗆 Beta 🗹 Date: 7 27 24									
Operator: To be completed each time unit is operated.									
Manuel Garcia 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 Valves									
Check the jockey pump on pressure drop. Start up pressure: 155 psi									
Discharge Pressure: 160 psi									
Pump Suction Pressure: No Pump Discharge pressure: 162 ps (
Comments:									
Electric Pump									
Pre-start Inspection: Electrical Feed ☐ Mechanical ☐ Valves ☐									
Start the pump on pressure drop. Start up pressure: 145 ps									
Start time: 0530									
Pump Suction Pressure: 15 psi Pump Discharge pressure: 150 psi									
Stop time: 0540 Total time running 10 min S									
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: 刀 (Battery volt Crank 2:									
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 von via recommendation by hiller									
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)]									



Fire Pump Weekly Test Log							
General Information							
Plant: Alpha Beta Date: 7/7/24	-						
Operator: Free *To be completed each time unit is operated.							
Reason for running pumps: Weekly test Maintenance 🗆 Emergency 🖸							
Jockey Electric Pump	CALL S						
Pre-start Inspection: Electrical Feed Mechanical Valves							
Check the jockey pump on pressure drop. Start up pressure: 155 -	-						
Discharge Pressure: 167							
Pump Suction Pressure: N Pump Discharge pressure: (6+)							
Comments:							
Electric Pump Wechanical Published Valves							
Pre-start inspection.							
Start the pump on pressure drop. Start up pressure: 145	\dashv						
Start time: 20'-20 Pump Suction Pressure: 12 Pump Discharge pressure: 150							
Turnp Sacriett Test Sacriett S							
Comments:							
Diesel Pump	- 7 f						
Pre-start Inspection: Coolant Oil O 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: 136 Start time: 1/1/4 -	_						
Oil pressure start: 0/4 Oil Pressure finish: A/A							
Pump Suction Pressure: Pump Discharge pressure:							
Coolant temperature after 30 minutes running: ~/~							
Stop time: N/r Stop hour meter: n/r Total time running:							
Comments:							
Solenoid leaking @ control pannel.							
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).	atod no						
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be open 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 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 So (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.							



			Valve She	ed # 1 by	Condens	er		piego R.	
No.		System	PSI	Viv. Pos.	Signage	Locked		Comments	
1	SG Unit 1	85-1	0	0/2	\	Y D N Z			
2	SG Unit 2	31-2	0	0/2	>	Y D N Ø			
3	Reheaters	3143	125	Ø/C	\	A'EL NO			
4	Rack 2 West HTF	31-4	145	Ø/C)	Y D N D			
5	Rack 2 East HTF	3 N 5	140	Ø/C	/	Y Z N D			
6	North Steel Pro	81.6	0	0/2	/	Y D N Z			
7	HTF Pumps	81.7	TUS	Ø/C		Y Z N D			
8	HTF Heaters	31-3	150	Ø/C	/	YZND			
9	South Steel Pro	31-9	150	Ø/C	1	YZ N 🗆			
10	Lube Oil	31-10	10	0/2	1/	Y D NZ			
11	Turbine Hose Stations		Ŏ	0/2	-	Y D N Z			
12	Turbine Bearings	81=12	iun	O/C	1	YZNO	-		
12	Turonte bearings	3 - 12	Valve Sh	ed # 2 by	Overflo				
Ma.		System	PSI	Viv. Pos.	Signage	Locked		Comments	
No.	E des Massals		140	D/C	Signage	YO NO			
1	Expansion Vessels	32-1				YOND			
2	Ullage Area	B2-2	140	D/C	-	YOND			
3	Ullage Structure	82-11	140	Φ/C	-	YOND			
4	Rack 1 Middle Area	82-5	140	Ø/C	<u> </u>	YOND			
5	Overflow Tanks	32-9	100	Φ/C		YUNU			
6	Rack 1 South Area	B2-6	140	9 /C					
7	Rack 1 West	B2-7	140	Q/C		YUNU			
8	Rack 1 North Area	B2-4	142	d/c		YUNU			
9	Over flow AFFF	B2-8	102	Φ/C		YUND			
10	Expansion Vessel AFF	F 82-3	145	d/C		YUND	p		
	101 101	Va	alve Shed # 3 b			trical Bldg			
No.		System	PSI	Viv. Pos.		Locked		Comments	
1	Transformer Aux		185	Ø/C	V,	Y D N D			
2	Transformer Main		155	SIC	/	Y CD N 🗆			
		V	alve Shed # 4 b			West Side			
No.		System	PSI	Viv. Pos.	Signage			Comments	
1	Cooling Tower West S	ide	80	D/C	1	YZNO	New	sign rudget.	
			Valve Shed						
No.		System	PSI	Viv. Pos.		Locked		Comments	
1	Control Room	B4-5	140	D/C	~	AD NO			
2	Offices	B4-3	160	D/C	/	YD ND			
3	Electrical Room	84-4	140	þ/c	/	YD ND			
		Turbine Sprink	der Valves (The		be locke	d in the o	pen positi	on)	
No.		System	Locked,	Viv. Pos.			C	omments	
1	Bearing 2		Y□ N 中	Ф/С					
2	Bearing 3		Y D N D	Ø/C					
3	Bearing 4		YOND	D/C					
4	Bearing 5		YOND	D/C					
		HTF Deluge	e System Valve:	(To be I	ocked in	the Open	Position)		
No.		System	Locked	Viv. Pos.			C	omments	
1	MP-201		YO NØ	ØIC					
2	MP-200A		YO NO	Ø//C					
3	MP-200B		YONZ	ØIC					
4	MP-200C		YO NO						
5	MP-200D		YO NØ	ØIC					
)	INIT - 2000		Fire Pump		eluge Svs	stem			
								Comments	
No.		System	PSI	O/C	Locked			Comments	
1	Fire Pump House Del	uge	180	0	YZNO				
				PIV Chec	ks				
Ma	A CHEST OF THE PERSON.	Suctors	Position	Cycled	Date			Comments	
No.		System		Cycleu	Cvcled				
1	Maintenance Shop D		0/9						
2	Maintenance Shop D		ØIC						
3	West Side Power Bloo		Ø/C						
4	West Side Power Bloo		0/2						
5	West Side Cooling To		ØIC						
6	West side Cooling To		ØIC						
7	N.W. Corner Chemica		ØIC						
8	N.E. Corner Chemical		SIC						
9	East Side W.T. by Mu		SIC SIC						
10	East Side W.T. by Mu	timedia Filters # 5	BIC						
11	North Side Bldg 10 #		ØIC						
	Between MP-444's ar		0/2						
12	West Side Power Blog		ØIC		-	1			
1.4	Avest 21de Nomer Rios	x valve offed #1	- D - C - d - J Fin	ct Enture	av of Eve	ny Month			
05 Jan 1									
16-004 No.	0-MT-FOR-000027 Automate	ed Fire Systems Inspection Check System	Donnie .	of TRevised			Comm	ents / Adrage 346,015-10	228.



General Inf	ormation										
Plant: Alpha 🗆 Beta 🖹	Date: 7/10/21/1.										
Operator: Erick Carrillo	*To be completed each time unit is operated.										
Reason for running pumps: Weekly test 🗆 Maintenar	nce 🛘 Emergency 🗎										
Jockey Elec	tric Pump										
Pre-start Inspection: Electrical Feed Mechanica	Pre-start Inspection: Electrical Feed										
Check the jockey pump on pressure drop. Start up pressure:	55 *										
Discharge Pressure: 167											
Pump Suction Pressure: N 19 Pump Discharge pressure: 162											
Comments:											
Electric											
Pre-start Inspection: Electrical Feed Mechanica											
Start the pump on pressure drop. Start up pressure: 145	en										
Start time: 20:48											
	np Discharge pressure: 150										
top time: 20:58 Total time running 10 min											
Comments:											
Diesel	Pump										
Pre-start Inspection: Coolant [] Oil [] Mechanica	Valves Water Jacket Heater D										
Fuel level > 2/3: Yes No No Mo	nthly Fuel Consumption:										
Battery volt Crank 1: Battery volt Crank 2:	Battery Condition: Good.										
Starting hour meter: mm	Start time: 1/1/4										
Oil pressure start: p A	Oil Pressure finish:										
Pump Suction Pressure: Pu	ımp 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	r weight basis).										
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hourand 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. are is no limit on engine operation for emergency use, [Title 17 CCR 93115.6(a)(4)]											



				hed # 1 by			perator DRYO K-
No.		System	PSI	Viv. Pos.			Comments
1		5.1	155	d /C	1	Y D N	
2	SG Unit 2	1-2	155	0/C		YO NI	
3		31-3	155	Ø/C	V	YOND	
4	Rack 2 West HTF	3164	155	Ø/C	1	Y D N D	
5	Rack 2 East HTF	31-3	155	d/C		N DY	
6		34-6	155	Q/C	~	YDND	
7		1-7	140	d/C	/	YD NO	
8		31-8	155	d/C		YO NO	
9		31-9	100	O/C		YO NO	
10		31-10	10	0/2	~	Y D N D	
11		B1-11	155	Q/C	-	YDND	
12		31-12	185	D/C		YUND	
	Transmit dearnings			hed # 2 b	v Overflo		
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1		32-1	155	D/C	Jighage	Y D N D	Comments
2		32-2	-	D/C	-	Y D N D	
3		32-11	140	D/C	-	YOU NO	
4		32-1	100	D/C		YDND	
5		52-5 32-9	1130			YIII N	
6		B2-6			-	YDND	
7		B2-0 B2-7	1,400	Φ/C	1	Y III N 🗆	
8		B2-4	1700		—	YUND	
9		B2-8	140	0/C	-	Y THE N L	
			160			YOUND	
10	Expansion Vessel AFFF	B2-3	1(00)	¢/C	CE Floor		
						trical Bldg	
Vo.		ystem	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		150			Y ID N II	
2	Transformer Main	77.1	140	D/C	L	YDND	
	704	THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SE		by Cooling	-	vest Side	
lo.		ystem	PSI	Viv Pos.	Signage	1.4	Comments
1	Cooling Tower West Side		1 140	Ø/C	151	A th M 🗆	
				# 5 by Co	ontrol Bio		
lo.		ystem	PSI	Viv. Pos.		Locked	Comments
1		34-5	160	Q/C		YD ND	
2		4-3	160	9 /C		YDND	
3	Electrical Room	34-4	160	Ø/C		YD ND	
		Turbine Sprinkler			be locke	d in the of	
lo.		ystem	Locked	Viv. Pos.			Comments
1	Bearing 2		YUNE				
2	Bearing 3		YUND				
3	Bearing 4		YE NE				
4	Bearing 5		YONE				
		HTF Deluge Sys			ocked in	the Open	
lo.	S	ystem	Locked	Viv. Pos.			Comments
1	MP-201		YONE	p/c			
2	MP-200A		YUNE				
3	MP-200B		YENE				
4	MP-200C		YUNE	Ø/C			
5	MP-200D		YD NO	Ø/C			
				House De	eluge Sys	tem	
lo.	c	ystem	PSI	O/C	Locked		Comments
		Joseph Company			1	1	-Juneau
1	Fire Pump House Deluge		180	0	YZND		
				PIV Chec			
lo.	S	ystem	Position	Cycled	Date		Comments
1	Maintenance Shop Drive		0/8		Cycled		
2	Maintenance Shop Drive		Ø/C				
3	West Side Power Block by		0/C	-			
4	West Side Power Block by		0/C				
5	West Side Power Block by		0/C	-	-		
				-			
6	West side Cooling Tower		q/c				
7	N.W. Corner Chemical Sto		q/c			1	
8	N.E. Corner Chemical Stor		d/c	_			
9	East Side W.T. by Multime		9/C				
10	East Side W.T. by Multime	edia Filters # 5	9 /C				
11	North Side 8ldg 10 # 6		₫/C				
12	Between MP-444's and W		0/10				
	West Side Power Block Va	alve Shed #1	Ø/C				
13	West Side Fower Slock Va	Part of the second seco	_				
13 6-0040	-MT-FOR-300027 Automated Fire	e Systems Inspection Checkle & Be	Cycled Fi	rst Saturd	ay of Eve	ry Month	Page 348 of 1228 Comments / Actions 670-16-0040-MT-FG



General Infor	mation								
Plant: Alpha □ Beta 🗹	Date: 7/19/24								
Operator: Taylor	*To be completed each time unit is operated.								
Reason for running pumps: Weekly test 🗹 Maintenance	□ Emergency □								
Jockey Electric	c Pump								
Pre-start Inspection: Electrical Feed ☑ Mechanical ☑	Valves 🗹								
Check the jockey pump on pressure drop. Start up pressure: 15	5								
Discharge Pressure: 159									
Pump Suction Pressure: Pump Discharge pressure:									
Comments:									
Electric Pu	imp								
Pre-start Inspection: Electrical Feed ☑ Mechanical ☑	∽ Valves ☑∕								
Start the pump on pressure drop. Start up pressure: 162									
Start time:									
Pump Suction Pressure: Pump Dis	scharge pressure:								
p time: Total time running									
Comments:									
Diesel Pu	mp								
Pre-start Inspection: Coolant 🖳 Oil 📝 Mechanical 🗹	Valves ☑ Water Jacket Heater ☑								
	Fuel Consumption:								
Battery volt Crank 1: ✓ Battery volt Crank 2: Ba	ettery Condition: Good								
Starting hour meter: 136.3	art time: 10:15 pm								
	il Pressure finish: 50								
Pump Suction Pressure: Pump D	oischarge pressure:								
Coolant temperature after 30 minutes running: 200									
Stop time: 10:12 Stop hour meter:	Total time running: 7 min								
Comments:	(#) (#)								
Sulfur Concentrations (less than or equal to 0.0015% on a weight per w	eight basis).								
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and confidences of hours necessary to comply with the testing requirements of the National Fire Protection Association (for (current edition). The hours of operation for source testing will not be counted towards either of the allowative Fuel consumption 27 gal/h approximately. Is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	compliance demonstrations. Additionally, this engine shall not be operated more than the number. NFPA). 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems".								



Transformer Yard Refuse Check

Automated Fire Systems Inspection Checklist

BETA: Date: 7/20/24 Operator Anthony V. Plant: ALPHA Valve Shed # 1 by Condenser Viv. Pos. | Signage | Locked No. System Comments YDNO YDNO YDNO VOIC SG Unit 1 60 VO/C SG Unit 2 160 Reheaters V V0/C YDND 4 Rack 2 West HTF ~ YONO Rack 2 East HTF 60 V0/0 VO/C YNN б North Steel Pro 168 V VO/C YDNO HTF Pumps 160 YIZINO 10/C 8 HTF Heaters V0/0 YDON South Steel Pro V Y D N D VOIC 10 Lube Oil VOIC 11 Turbine Hose Stations 1010 12 Turbine Bearings 160 YDN Valve Shed # 2 by Overflow Viv. Pos. | Signage PSI Comments Locked No. System YEND 170 Expansion Vessels VOIC V YND 185 Ullage Area VO/C YDNO 3 Ullage Structure VSIC Y R N 4 Rack 1 Middle Area 170 10/0 Overflow Tanks VOIC 165 YEND 6 Rack 1 South Area VOIC YDNO Rack 1 West 163 YDNO Rack 1 North Area 8 16/0 YDND Over flow AFFF 9 Expansion Vessel AFFF B2-3 Valve Shed # 3 by Bldg 35 GE Electrical Bldg 10 PSI Viv. Pos. Signage Locked Comments System YDND Transformer Aux YDND Valve Shed # 4 by Cooling Tower West Side Transformer Main Comments PSI Viv. Pos. Signage No. System Valve Shed # 5 by Control Bldg 10 1 Cooling Tower West Side Comments No. System PSI Viv. Pos. Signage Locked Turbine Sprinkler Valves (These are to be locked in the open position) YOND Control Room Offices 3 Electrical Room Locked Viv. Pos. No. System Bearing 2 Bearing 3 2 Bearing 4 Bearing 5 Locked Viv. Pos. Comments No. System Y 10 N 0 0/C MP-201 MP-200A MP-200B MP-200C 4 MP-200D Fire Pump House Deluge System O/C Comments No. System Locked Ofen YD N -140 Fire Pump House Deluge **Position** Cycled Comments No. Cycled 0/01 Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 DIC 0/C 0/C 0/C West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 VOIC V0/C N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 0/0 9 10 East Side W.T. by Multimedia Filters # 5 10/C North Side Bldg 10 # 6 0/0 Between MP-444's and Water Treat # 4 West Side Power Block Valve Shed #1 13 Page 350 of 1228 G70-15-D040-MT-FOR-000027 Automated Fire Systems Inspection Check 9x8e Cycled First Saturday of Every Month G70-16-0040-MT-FOR-00002 System Debris Y Page of TRevised 09/24/2019



Automated Fire Systems Inspection Checklist

BETA: Date: 8/31/21 Operator Exick. Plant: ALPHA Valve Shed # 1 by Condenser Comments Locked Viv. Pos. Signage PSI System YO NO 1010 60 YZND SG Unit 1 10/0 155 SG Unit 2 YA NO 10/0 160 10/0 YZ N 🗆 Reheaters Rack 2 West HTF VØ NO 10/C 10/C 10/C 100 Rack 2 East HTF YZ NO 155 B1-6 YZ NO North Steel Pro HTF Pumps YZ NO HTF Heaters YD ND 155 155 155 8 ,/ 0/0 South Steel Pro VE NO 10/C YZI NO Lube Oil V0/C B1-1 Turbine Hose Stations V0/C Turbine Bearings Valve Shed # 2 by Overflow 81-12 12 Comments Locked Signage Viy. Pos. PSI System YD ND 19/C 65 Expansion Vessels VO NO 165 Ullage Area 10/0 160 YZ NO Ullage Structure P/C 105 Rack 1 Middle Area B2-5 1010 60 YD NO Overflow Tanks 10/0 160 Rack 1 South Area YZ NO 6 160 VØ NO Rack 1 West 1,0/0 Rack 1 North Area VO NO /0/C Valve Shed #3 by Bldg 35 GE Electrical Bldg Over flow AFFF Expansion Vessel AFFF B2-3 10 Comments Signage Locked Viv. Pos. YND System Valve Shed # 4 by Cooling Tower West Side Transformer Aux Transformer Main Comments Viv. Pos. Signage System Valve Shed # 5 by Control Bldg 10 No. Cooling Tower West Side Comments Locked PSI Viv. Pos. Signage System YX NO (0)c No. Control Room YZIND Y M N D Offices 65 Turbine Sprinkler Valves (These are to be locked in the open position) Electrical Room Locked Viv. Pos.
Y Z N D V O/C
Y Z N D V O/C System No. Bearing 2 Bearing 3 YND VO/C YND VO/C Bearing 4 HTF Deluge System Valves (To be Locked in the Open Position) Bearing 5 Comments Locked Viv. Pos. **System** No. YZ NO VO/C MP-201 Y N D V O/C MP-200A MP-2008 VE NO VO/C MP-200C Fire Pump House Deluge System MP-200D Comments Locked PSI System No. YN 1010 Fire Pump House Deluge PIV Checks Date Comments Cycled Position Cycled System € 0/C V Maintenance Shop Drive Way #7 √ O/C # Maintenance Shop Drive Way #8 V 0/C West Side Power Block by VS-3 # 9 10/0 West Side Power Block by VS-1 # 10 4 10/0 West Side Cooling Tower by VS-4 # 11 V 0/C West side Cooling Tower by VS-4 # 12 10/0 N.W. Corner Chemical Storage #1 10/0 N.E. Corner Chemical Storage # 2 8 10/0 East Side W.T. by Multimedia Filters # 3 9 10/C East Side W.T. by Multimedia Filters # 5 10 10/0 North Side Bldg 10 # 6 11 -0/C V Between MP-444's and Water Treat # 4 To Be Cycled First Saturday of Every Month West Side Power Block Valve Shed #1 Comments / Actions G70-16-0040-MT-FOR-00003 570-N60040-MT-FOR-000027 Automated Psystem is Inspection Checklist Debris Page 351 of 1228 Transformer Yard Refuse Check



			Plant Albus 5		Date: \$	102/2	(d) 0-	perator Manuel Carria
			Plant: ALPHA □ B	ETA: 🔟 Valve She	ed # 1 bv	Condens	er op	relator
	No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
	1	SG Unit 1	A/B1-1	160	Olt	-	A Q N D	
	2	SG Unit 2	A/B1-2	160	(O)C	//	YOND	
	3	Reheaters	A/B1-3	160	70%C	_/_	YEND	
		Rack 2 West HTF	A/31-4	160	O)C	-//	YZND	
_	5	Rack 2 East HTF	A/B1 5	160	OL	-/	YZND	
_		North Steel Pro	A/B1-6	160	CO/C		YOND	
H		HTF Pumps	A/B1-7 A/B1-8	160	(O)C	-/-	YEND	
H	9	HTF Heaters South Steel Pro	A/B1-9	160	Q)c	1	YEND	
H	10	Lube Oil	A/B1-10	1100	Ovc	1/	YWND	
H		Turbine Hose Stations	A/81-11	160	(O)C	~	YEND	
Н	12	Turbine Bearings	A/B1-12	160	COL	/	YEND	
_		Transmis a daming		Valve Sh	ed # 2 by	Overflo	W	
Г	No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
	1	Expansion Vessels	A/B2-1	100	(O/C	//	YZNO	
	2	Ullage Area	A/B2-2	160	O/C	1	YUNU	
	3	Ullage Structure	A/B2-11	160	Ø/c	/	YDND	
	4	Rack 1 Middle Area	A/B2-5	160	(C)/C	1	YDYNO	
-	5	Overflow Tanks	A/B2-9	160	©/C	1	YEM	
	6	Rack 1 South Area	A/B2-6	160	(g)c	1	YOYAG	
-	7	Rack 1 West Rack 1 North Area	A/B2-7 A/B2-4	160	Ove	1	YEAR	
-	9	Over flow AFFF	A/B2-8	160	Ø/c	~	YWND	
H	10	Expansion Vessel AFFF		160	Ö/c	_/	YEND	
-		Trobansion Acose VLLL	Valve S	hed # 3 b	y Bldg 35	GÉ Elect		
Г	No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
г	1	Transformer Aux		155	CO10		A Q MO	
Г	2	Transformer Main		155	/O/C	V	YEND	
			Valve S	hed # 4 b			Nest Side	
	No.		System	PSI	Viv. Pos.	Signage		Comments
L	1	Cooling Tower West Si	de	1.55	COVC	1 1 1	YEND	
_				lve Shed	# 5 by Co	ntroi Bio	ig 10	Comments
	No.		System	PSI	Viv. Pos.	Signage	Locked YvZ N 🗆	Comments
L	_1	Control Room	A/B4-5	160	COXC	//	YEND	
H	2	Offices	A/B4-3 A/B4-4	150	OR	-/	YEVND	
L	3	Electrical Room	Turbine Sprinkler V	alves (The	se are to	he locke		pen position)
	No.		System	Locked	Viv. Pos.			Comments
Н	1	Bearing 2	Jystem .	YEND	/Q/c			
H	2	Bearing 3		YEND	G/c			
Г	3	Bearing 4		YONO	(O)C			
_	4	Bearing 5		YDNO	CO/IC			
			HTF Deluge Syst	tem Valve		ocked in	the Open	Position)
	No.		System	Locked	Viv. Pos.			Comments
	1	MP-201		Y 🗹 N 🗆	OK			
	2	MP-200A		Y Z N D	Oft			
	3	MP-200B		YDNO	Cox			
L	4	MP-200C		YEND	G/c			
L	5	MP-200D		re Pump	LOKE DE	duna Sur	tem	
							Celli	
	No.		System	PSI	O/C	Locked	113	Comments
	1	Fire Pump House Delu	ge	155	\circ	YEND		
_					PIV Chec			
	No.		System	Position	Cycled	Date Cycled	F	Comments
	1	Warehouse/Maintenan		O/C)	NO	CVCIED		
	2	Warehouse/Maintenan		(O/G				
	3	West Side Power Block		CO/C	1			
H	4	West Side Power Block		(Q/C				
Г	5	West Side Cooling Tow		COXC				
	6	West side Cooling Tow	ver by VS-4 # 12	Conc				
Г	7	N.W. Corner Chemical	Storage #1	CO/C				
	8	N.E. Corner Chemical S	itorage # 2	COIC				
E	9	East Side W.T. by Multi		COIC		-1-		
Ĺ	10	East Side W.T. by Multi		Coic				
L	_11	North Side Bldg 10 # 6		CO/C		-		
L	12	Between MP-444's and		(O/C	+	-1-		
L	13		ower Block Valve Shed #1	Cycled Ein	st Saturd	ay of Eve	ry Month	Page 352 of 1228
FO		V-104 Automated Fire System	System 10 Be	Debris	Jesulu	Ly OI LVE	month	Comments / Actions FO-08M-MJV
	No.							
F	No.	Transformer Yard Refu		Y D KWEN	09/24/2019	age 1 of 1		10-00/



	Figure Assista	Valve She	d # 1 bv	Condens	er	erator Diego. F.
	. 77		Viv. Pos.	Signage	Locked	Comments
0.	System	140	Φ/C		YDND	
	SG Unit 1 B1-1	160	D/C	1	YDND	
	SG Unit 2 B1-2	155	Ø/C	/	YD ND	
	Reheaters 81-3	140	Ø/C	/	YD ND	
	Rack 2 West HTF B1-4	160	Φ/ C	/	YD ND	
	Rack 2 East HTF B1-5	140	0/C	/	YD NO	
	North Steel Pro 81-6	145	d/C	/	YDND	
	HTF Pumps B1-7	160	d/C	7	YD ND	
_	HTF Heaters B1-8 South Steel Pro B1-9	148	d/C		YDND	
_		160	Ø/C	./	YDND	
	2000	160	Ø/C	~	YD ND	
		185	₫/C	/	YD ND	
12	Turbine Bearings B1-12	Valve She	ed # 2 by	Overflor	N	
OH S	System	PSI	Viv. Pos.	Signage	Locked	Comments
0.			d)/C	/	YOU NO	
	HIT PARTY COLUMN	168	d/C	~	УФ ИО	
2	70.5	155	Ø/C	/	YOND	
	Ullage Structure B2-11 Rack 1 Middle Area B2-5	155	Ø/C	1	YONO	
5	Overflow Tanks B2-9	155	Ø/C	1	YO NO	
	Rack 1 South Area B2-6	luo	Ø/C	1	YDND	
6	Rack 1 West B2-7	160	Φ/C	/	YO NO	
7 8	Rack 1 North Area 82-4	160	ø/c	/	YOU NO	
9	Over flow AFFF B2-8	0	0/9	/	YZ NO	
10	Expansion Vessel AFFF B2-3	Ø		/	YONZ	
10	Val	ve Shed # 3 by	y Bldg 3	5 GE Elect	rical Bldg	
1	System	PSI	Viv. Pos.	Signage	Locked	Comments
lo. 1	Transformer Aux	155	Ø/C		AD NO	
2	₩100000000000 A 4	200	Ø/C	/	YO NO	
	Val	ve Shed # 4 b	y Coolin	g Tower \	Nest Side	
lo.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	100	ØIC	×	YXNX	NOT LOCKEU.
_	Cooling Tower West side	Valve Shed	# 5" by C	ontrol Blo	ig 10	
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-5	160	Φ/C	~	AD NO	
2	Offices 84-3	140	ф/С		YD ND	
3		100	Φ/C		A D N D	
-	Electrical Room 54-4 Turbine Sprinkl	er Valves (The	se are to	be locke	d in the o	Comments
No.	System	Locked	Viv, Pos.			Comments
1	Bearing 2	Y D N D	Ф/С			
2	Bearing 3	Y D N D	Φ/C	1		
3	Bearing 4	YDND	Ф/С			
4	Bearing 5	YDND	φ/c	11	the Open	Position)
	HTF Deluge	System Valve	s (10 be	Locked II	the Open	Comments
No.	System	Locked	Viv. Pos.			Commence
1	MP-201	Y D N	BIC			
2	MP-200A	YPNO	Ø/C	-		
3	MP-200B	YAND	Ø/C	-		
4	MP-200C	Y N D		-		
5	MP-200D	Y Z N D	ØIC	Values C.	rtom	
		Fire Pump			steiti	
No.	System	PSI	O/C	Locked		Comments
140.		190	0	YZNE	1	
	Fire Pump House Deluge	1770	PIV Che			
1_			Cycled	Date		Comments
		D-clair-		Cycled	-	
	System	Position	Cyclea			
	Maintenance Shop Drive Way #7	0/8	Cyclea			
No.	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8	O/d	Cyclea			
No.	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9	old Dic Dic	Cyclau			
No. 1 2	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10	9/c 9/c 9/c	Cycleu			
No. 1 2 3	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11	9/C 9/C 9/C 9/C	Gyelea			
No. 1 2 3 4	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12	Old Bic Bic Sic Sic	Gyelea			
No. 1 2 3 4 5	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1	gic gic gic gic gic gic	Gyeles			
No. 1 2 3 4 5	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2	BIC BIC BIC BIC BIC BIC BIC	Cycles			
No. 1 2 3 4 5 6 7	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3	BIC BIC BIC BIC BIC BIC BIC BIC	Cycles			
No. 1 2 3 4 5 6 7	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1	BIC BIC BIC BIC BIC BIC BIC BIC	Cycles			
No. 1 2 3 4 5 6 7 8 9 10	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3	SIGNOCON SICCON	Cyclia			
No. 1 2 3 4 5 6 7 8	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5	SIGNOCOME SIC SIC SIC SIC SIC SIC SIC SI	Cyclia			
No. 1 2 3 4 5 6 7 8 9 10 11 12	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	PIC PIC PIC PIC PIC PIC PIC PIC PIC PIC			Name Name (
No. 1 2 3 4 5 6 7 8 9 10 11 12	Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	PIC PIC PIC PIC PIC PIC PIC PIC PIC PIC		day of Ev	ery Month	1 Comments / AcDopeje 35ആട് എമുള



Fire Pump Weekly Test Log **General Information** Date: 8/4/24 Alpha 🗗 Beta □ Plant: *To be completed each time unit is operated. Operator: And Maintenance Emergency \square Weekly test 1 Reason for running pumps: **Jockey Electric Pump** Mechanical 🗹 Electrical Feed Pre-start Inspection: Check the jockey pump on pressure drop. Start up pressure: $155\,$ Discharge Pressure: 162 Pump Discharge pressure: — Pump Suction Pressure: --Comments: **Electric Pump** Mechanical 🕡 Valves • Electrical Feed 🕡 Pre-start Inspection: Start the pump on pressure drop. Start up pressure: 145 Start time: 2337 Pump Discharge pressure: 150 Pump Suction Pressure: 20 Total time running 10 min Stop time: 2347 comments: **Diesel Pump** Valves Water Jacket Heater Oil Mechanical M Coolant 🗓 Pre-start Inspection: No D Monthly Fuel Consumption: — Fuel level > 2/3: Yes □ Battery volt Crank 2: 26 Battery Condition: Good Battery volt Crank 1: 26 Starting hour meter: 132.0 Start time: 7352 Oil Pressure finish: 3 8 Oil pressure start: Pump Discharge pressure: 150 Pump Suction Pressure: 20 Coolant temperature after 30 minutes running: 203 @ 10 min Stop hour meter: 137_ 1 Total time running: 10 min Stop time: $\bigcirc\bigcirc\bigcirc\bigcirc$ 7 Comments: Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis). his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/ h approximately.

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



Fire Pump Weekly Test Log **General Information** Date: 8/5/74 Beta 🔟 Plant: Alpha □ *To be completed each time unit is operated. Operator: Anthor Emergency 🗀 Weekly test 1 Maintenance Reason for running pumps: **Jockey Electric Pump** Valves 12 Electrical Feed 🗗 Mechanical **B** Pre-start Inspection: Check the jockey pump on pressure drop. Start up pressure: 155 Discharge Pressure: Pump Discharge pressure: -Pump Suction Pressure: * Comments: **Electric Pump** Valves 🖳 Mechanical 📝 Electrical Feed 🕟 Pre-start Inspection: Start the pump on pressure drop. Start up pressure: 145Start time: 235 7 Pump Discharge pressure: 150 Pump Suction Pressure: 20 Total time running 10 min 5 time: 0007 Comments: **Diesel Pump** Water Jacket Heater Valves □ Mechanical Oil 🗆 Coolant [] Pre-start Inspection: Monthly Fuel Consumption: Fuel level > 2/3: Yes □ No 🛘 **Battery Condition:** Battery volt Crank 2: Battery volt Crank 1 Start time: Starting hour meter: Oil Pressure finish: Oil pressure start: Pump Discharge pressure: Pump Suction Pressure: Coolant temperature after 30 minutes running: Frump Beiv8 Stop hour meter: Total time running: Stop time: Comments: Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis). his new direct drive fire pump engine shall be junted 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. s no lumn on engine operation for emergency use. [Title 17 CCR 93115 6(a)(4)]



Transformer Yard Refuse Check

Automated Fire Systems Inspection Checklist

BETA: Date: \$ 9.24 Operator Marcelino S. Plant: ALPHA Valve Shed # 1 by Condenser Comments Locked System Viv. Pos. Signage No. 07C YI NI SG Unit 1 B1-1 160 YO NO SG Unit 2 YD ND DIC Reheaters B1-3 160 Y D N D SIC Rack 2 West HTF 100 Y D N D DIC Rack 2 East HTF B1-5 140 $V \square N \square$ 1100 6 North Steel Pro B1-6 Y D N D Ø/C HTF Pumps 100 Y D N D HTF Heaters **1**0/C B1-8 160 Y D N D 1600 Ø/C South Steel Pro DIC Y D N D Lube Oil B1-10 10 V II N E Turbine Hose Stations 11 B1-11 Y D N D 12 Turbine Bearings Valve Shed # 2 by Overflow Comments Locked PSI Viv. Pos. Signage System No. YØ NO Expansion Vessels 160 P/C 160 Ø/C Ullage Area B2-2 Y P N D Ø/C Ullage Structure 160 Y 📝 N 🗖 Ø/C Rack 1 Middle Area d/C Y 📝 N 🗆 Overflow Tanks 160 Y D N D Ø/C Rack 1 South Area B2-6 160 YZ NO Ø/C Rack 1 West 160 Ø/C YZND Rack 1 North Area Y 🗷 N 🗆 Over flow AFFF 9 Y Z N 🗆 10 Expansion Vessel AFFF Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments Viv. Pos. | Signage | Locked PSI System No. Ø/C Transformer Aux Y I N I Transformer Main Valve Shed # 4 by Cooling Tower West Side Comments PSI Viv. Pos. Signage System O/C Cooling Tower West Side Valve Shed # 5 by Control Bldg 10 Comments Locked System Viv. Pos. | Signage No. YOND O/C Control Room O/C YO NO Offices Y D N D O/C Electrical Room Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. No. YZNO Ø/C Bearing 2 YZ N 🗆 Bearing 3 Ø/C YZINO Bearing 4 Bearing 5 Comments Locked Viv. Pos. System No. YMND MP-201 YMN MP-200A Ø/C Y Z N 🗆 MP-200B YZN MP-200C YZ NO Ø/C MP-200D Fire Pump House Deluge System Comments O/C Locked System Y D N D Fire Pump House Deluge PIV Checks Comments Position Cycled System Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 Ø/C \$10 West Side Power Block by VS-3 # 9 **B**/(West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 0/0 West side Cooling Tower by VS-4 # 12 9/0 N.W. Corner Chemical Storage #1 **B**/0 N.E. Corner Chemical Storage # 2 **3**/0 East Side W.T. by Multimedia Filters # 3 \$10 East Side W.T. by Multimedia Filters # 5 10 North Side Bldg 10 # 6 Ø/C 11 Between MP-444's and Water Treat # 4 12 West Side Power Block Valve Shed #1 To Be Cycled First Saturday of Every Month Comments / Actions Page 35610fc412280R-000037 370-Nic 040-MT-FOR-000027 Automated Psystemms Inspection Checklist Debris



General Info	ormation					
Plant: Alpha ■ Beta □	Date: 8/11/24					
Operator: Anthony V.	*To be completed each time unit is operated.					
Reason for running pumps: Weekly test V Maintenance	ce 🛘 Emergency 🗇					
Jockey Elect	ric Pump					
Pre-start Inspection: Electrical Feed Mechanical	Valves V					
Check the jockey pump on pressure drop. Start up pressure: / 1	55					
Discharge Pressure: 162						
Pump Suction Pressure: — Pump Discharge pressure: —						
Comments:						
Electric I						
Pre-start Inspection: Electrical Feed Mechanical	Valves Valves					
Start the pump on pressure drop. Start up pressure: 145						
Start time: 23/5	1573					
Turns Succion Tressure, 20	p Discharge pressure: 15()					
Stop time: 2325 Total time runn	ing 10 m;n					
Comments:						
Diesel F	Pumn					
Pre-start Inspection: Coolant Oil Mechanical						
The start inspection.	nthly Fuel Consumption:					
rderiever > 2/3: Tes E Tes	Battery Condition: Good					
	Start time: 2331					
Starting from the total 02,1	Oil Pressure finish: 4()					
Oil pressure start.	mp Discharge pressure: /50					
Coolant temperature after 30 minutes running: OVET LEGY	,30					
2.20	·					
230	1					
Comments:						
Sulfur Concentrations (less than or equal to 0.0015% on a weight per	weight basis).					
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as more than 30 minutes in any one hourand no more than 10 hours per year for initial start-up testing a of hours necessary to comply with the testing requirements of the National Fire Protection Associati (current edition). The hours of operation for source testing will not be counted towards either of the Note: Fuel consumption 27 gal/ h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	s in response to a fir e or due to low fire water pressure. In addition, this engine shall be operated no and compliance demonstrations. Additionally, this engine shall not be operated more than the number ion (NFPA) 25 - "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"					



			valve Sne		Condens		
No.		System	PSI	Viv. Pos.		Locked	Comments
1	SG Unit 1	B1-1	160	VO/C		YD, NO	
2	SG Unit 2	B1-2	1100	V 0/C	V	Y 12 / N □	
3	Reheaters	B1-3	1100	V/0/C	Va	Y ID/ N 🗆	
4	Rack 2 West HTF	B1-4	160	V O/C	/	YZ, N 🗆	
5	Rack 2 East HTF	B1-5	100	V,0/C	1/	YZ N 🗆	
		B1-6	160	V, O/C	Va	YZN	
6	North Steel Pro		160	√ O/C	1	YDND	
7	HTF Pumps	B1-7		√ 0/C	ν,	YM, NO	
8	HTF Heaters	B1-8	160			YO, NO	
9	South Steel Pro	B1-9	1,000	√, O/C	V	Y DE /N D	
10	Lube Oil	81-10	160	V O/C		and the same of th	
11	Turbine Hose Stations	B1-11	140	V ,O/C	V .	Y DZ N 🗖	
12	Turbine Bearings	B1-12	160	V O/C	V	YZND	
			Valve Sh	ed # 2 by	Overflo	W	
No.		System	PSI	Viv. Pos.	Signage.	Locked	Comments
1	Expansion Vessels	B2-1	165	V 0/C	1/	YID NO	
		B2-2		1/ O/C	1	YZZNO	
2	Ullage Area			1/ O/C	1/.	NØ NO	
3	Ullage Structure	B2-11	100	V 0/C	V	YDND	
4	Rack 1 Middle Area	B2-5	160		V /	Y17/NO	
5	Overflow Tanks	B2-9	100	V 0/C	1	YUZ NO	
6	Rack 1 South Area	82-6	1100	1/0/C	1/		
7	Rack 1 West	B2-7	1100	1/0/C	1	YZNO	
8	Rack 1 North Area	B2-4	165	V 0/C	V	YEND	
9	Over flow AFFF	B2-8	0	0/CV	V	YZND	
10	Expansion Vessel AFFF	R2-3	()	0/C V	V	YZND	
10	Tryballaioli vessel ATTI	Va	ve Shed # 3 b	v Blda 3	GE Élect	trical Bldg	
			PSI		Signage	Lockéd	Comments
No.		System	160	√0/C	V	YUND	
1	Transformer Aux		100	V0/C	1	YATEND	
2	Transformer Main		ve Shed # 4 b	100/C	Tower \	Mort Side	
	·	Va			growers	vest side	Comments
No.		System	PSI	Viy. Pos.	Signage	115	Commend
1	Cooling Tower West S	de	1100	√ O/C	V	YAZNO	
			Valve Shed	# 5 by C	ontrol Bio		
No.		System	PSI	Viy. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	iuo	VD/C	V.	Y D N D	
2	Offices	B4-3	400	V Q/C	V.	YM NO	
	Electrical Room	R4_4	((46)	MO/C	V	YOU NO	
3	Electrical Room	Turbine Sprink	or Valves (The	se are to	he locke	d in the op	en position)
				Viy. Pos.	T TOURS		Comments
No.		System			-		
_1	Bearing 2		YIZ NO	V .0/C			
2	Bearing 3		YAND				
3	Bearing 4		YZNO				
4	Bearing 5		Y D N D	1/ O/C			
		HTF Deluge	System Valve	s (To be	Locked in	the Open	Position)
No.		System	Logked	Viv. Pos.			Comments
1	MP-201		YEVND	1/0/C			
2	MP-200A		YE NO				
3	MP-200B		YDIND				
4	MP-200C						
5	MP-200D		YO'N D	V O/C	1		
			Fire Pump	House D	eluge Sys	stem	
No		System	PSI	O/C	Locked		Comments
No.		System					
1	Fire Pump House Delu	ge	190		Y12 N 🗆		
				PIV Che			
No		System	Position	Cycled	Date		Comments
No.					Cvcled	1	
1	Maintenance Shop Dr		Ø ,O/C \			 	
2	Maintenance Shop Dr		V O/C		-		
3	West Side Power Bloc	c by VS-3 # 9	V 0/C				
4	West Side Power Bloc		V,0/C				
5	West Side Cooling To		1/,0/0				
6	West side Cooling To		V, 0/C				
			V ,0/C	1			
7	N.W. Corner Chemical		V/0/C	+	1	-	
8	N.E. Corner Chemical				1		
9	East Side W.T. by Mul		V 0/C	!	1		
10	East Side W.T. by Mul	imedia Filters # 5	V 0/C				
_11	North Side Bldg 10 #	6	V 0/C				
12	Between MP-444's an		0/CV				
17	Mest Cido Douger Plac	k Valvo Shed #1	O/C				
را	IN LAT TOD MACKET A	d Fire Systems Inspection Checkly	Be Cycled Fir	st Satur	day of Eve	ery Month	D 050 £ 4000
THE RESERVE OF	DIAMOTAR PROPERTY AND	a rine systems inspection unecons	more				POCO 358 OT 1778
No.	IO-WIT-TOX GOODET PLEISTING	System			d 09/24/2019		Comments / Action ge 358 of 1228



General Info	rmation							
Plant: Alpha 🗆 Beta 🗗	Date: 8/13/24							
Operator: Anthony	*To be completed each time unit is operated.							
Reason for running pumps: Weekly test 1 Maintenance	e 🗆 Emergency 🗆							
Jockey Electri	c Pump							
Pre-start Inspection: Electrical Feed Mechanical	Valves 🖟							
Check the jockey pump on pressure drop. Start up pressure: 15	15							
Discharge Pressure: 162								
Pump Suction Pressure: — Pump Discharge pressure: —								
Comments:								
Electric Po	итр							
Pre-start Inspection: Electrical Feed Mechanical	Valves 🕡							
Start the pump on pressure drop. Start up pressure: 145								
Start time: (2006)								
	Discharge pressure: 150							
Ctop time: 0016 Total time runnin	g 10 min							
comments:								
Diesel Pu	ımp							
Pre-start Inspection: Coolant □ Oil □ Mechanical	□ Valves □ Water Jacket Heater □							
Fuel level > 2/3: Yes No Montl	hly Fuel Consumption:							
Battery volt Crank 1: Battery volt Crank 2: Battery	attery Condition:							
Starting hour meter:	tart time:							
Oil pressure start:	il Pressure finish:							
Pump Suction Pressure: Pum	p Discharge pressure:							
Coolant temperature after 30 minutes running:	Light Call							
Stop time: Stop hour meter hu	Total time running:							
Starting hour meter: Oil pressure start: Pump Suction Pressure: Coolant temperature after 30 minutes running: Stop time: Stop hour meter but the property of the comments:								
Sulfur Concentrations (less than or equal to 0.0015% on a weight per w	reight basis).							
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and of hours necessary to comply with the testing requirements of the National Fire Protection Association (current edition), The hours of operation for source testing will not be counted towards either of the allowater. Fuel consumption 27 gal/h approximately. The is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	compliance demonstrations. Additionally, this engine shall not be operated more than the number (NFPA) 25 - "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"							





Fire Pump Weekly Test Log **General Information** Date: 8/16/27____ Beta 🛮 Plant: Alpha □ *To be completed each time unit is operated. Operator: FVIC Maintenance 🔲 Emergency Reason for running pumps: Weekly test **Jockey Electric Pump** Valves Mechanical E Electrical Feed Pre-start Inspection: Check the jockey pump on pressure drop. Start up pressure: /5< Discharge Pressure: 162 Pump Discharge pressure: / 6 2 Pump Suction Pressure: 1/4. Comments: **Electric Pump** Pre-start Inspection: Electrical Feed Mechanical Valves -Start the pump on pressure drop. Start up pressure: /45Start time: 20:31 Pump Suction Pressure: 12. Pump Discharge pressure: 150 Total time running / O Min ap time: 20'41 comments: **Diesel Pump** Pre-start Inspection: Coolant Oil Mechanical Valves Water Jacket Heater O Monthly Fuel Consumption: Fuel level > 2/3: Yes No Battery Condition: Chood forming / recol replace. Battery volt Crank 1: 26.5 Battery volt Crank 2: 26.5 Starting hour meter: 136.4 Start time: 1/4 Oil pressure start: n/a Oil Pressure finish: n/aPump Suction Pressure: 1/4 Pump Discharge pressure: 1/4 Coolant temperature after 30 minutes running: Total time running: -Stop hour meter: ____ Stop time: -Comments: Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis). his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above Note: Fuel consumption 27 gal/ h approximately. is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]



Transformer Yard Refuse Check

Automated Fire Systems Inspection Checklist

BETA: Date: 8/16/24 Plant: ALPHA Valve Shed # 1 by Condenser PSI Viv. Pos. Signage Locked Comments System Y 🗹 N 🗖 SG Unit 1 160 O/C YEND 100 O/C SG Unit 2 B1-2 Y X N 🗆 0/0 Reheaters B1-3 Y 🗹 N 🗆 .O/C Rack 2 West HTF الما Y 🗹 N 🗖 Rack 2 East HTF B1-5 100 O/C Y 🗹 N 🗆 100 O/C North Steel Pro YIN O/C B1-7 HTF Pumps YND 160 0/0 8 HTF Heaters B1-8 0/0 Y 🗹 N 🗖 South Steel Pro 60 Y 🗹 N 🗖 O/C 10 Lube Oil B1-10 Y 🗹 N 🗆 Turbine Hose Stations 160 O/C 11 V YMND O/C 12 Turbine Bearings B1-12 Valve Shed # 2 by Overflow Comments PSI Viv. Pos. | Signage Locked No. System Y 🗹 N 🗖 O/C **Expansion Vessels** YZND Ullage Area O/C Y 🗹 N 🗆 Ullage Structure O/C Y 🗹 N 🗆 150 O/C Rack 1 Middle Area Y N 彩 O/C Overflow Tanks Y 🗹 N 🗖 O/C Rack 1 South Area B2-6 150 Y 🗹 N 🗖 Rack 1 West O/C Y 🗹 N 🗖 Rack 1 North Area B2-4 O/C Y N D Over flow AFFF OIC YMND Expansion Vessel AFFF O/C 10 **GE Electrical Bldg** Valve Shed # 3 by Bldg 35 Comments Viv. Pos. Signage Locked System O/C Transformer Aux YND Transformer Main O/C Valve Shed # 4 by Cooling Tower West Side Comments PSI Viv. Pos. Signage System No Y 🗹 N 🗆 Valve Shed # 5 by Control Bldg 10 Cooling Tower West Side Locked Comments Viv. Pos. Signage **PSI** System Control Room 60 O/C Y 🗗 N 🗆 160 0/0 Offices YEND Electrical Room O/C Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. No Y S N D V O/C
Y S N D V O/C
Y S N D V O/C
Y S N D V O/C Bearing 2 Bearing 3 Bearing 4 Bearing 5 HTF Deluge System Vaives (To be Locked in the Open Position) Comments System MP-201 MP-200A MP-200B 3 MP-200C 10/0 Y D N D MP-200D Fire Pump House Deluge System Comments PSI O/C Locked System Y 📝 N 📮 Fire Pump House Deluge PIV Checks Comments **Position** Cycled No. Maintenance Shop Drive Way #7 O/C Maintenance Shop Drive Way #8 O/C West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 0/0 O/C West Side Cooling Tower by VS-4 # 11 O/C West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 0/0 O/C N.E. Corner Chemical Storage # 2 0/0 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 O/C 10 North Side Bldg 10 # 6 0/0 11 Between MP-444's and Water Treat # 4 0/0 12 West Side Power Block Valve Shed #1 13 To Be Cycled First Saturday of Every Month Comments / Actions
Page 36/11/01/41/2/28 R-0000/7 370-No.0040-MT-FOR-000027 Automated PSystem is Inspection Checklist. Debris

Y D N M 1 Page 1 of 1Revised 09/24/2019



General Info	ormation							
Plant: Alpha ☐ Beta □	Date: 8/17/24							
Operator: Zay	*To be completed each time unit is operated.							
Reason for running pumps: Weekly test Maintenand	ce 🛘 Emergency 🗆							
Jockey Elect	ric Pump							
Pre-start Inspection: Electrical Feed Mechanical	Valves B							
Check the jockey pump on pressure drop. Start up pressure: 19	5 T							
Discharge Pressure: 165								
Pump Suction Pressure: 117 Pump Discharge pressure: 165								
Comments: no suction gauge								
Electric I	Pump							
Pre-start Inspection: Electrical Feed 🗹 Mechanical	☑ Valves							
Start the pump on pressure drop. Start up pressure: 195								
Start time: // . 1 /								
Pump Suction Pressure: /5	p Discharge pressure: 750							
Stop time: // 26 Total time runn	ing to min							
Comments:								
Diesel F	Dump.							
Pre-start Inspection: Coolant 🗹 Oil 🗹 Mechanical								
The start inspection.	nthly Fuel Consumption:							
Taci icver 2/5. Vee	Battery Condition: C100 d							
	Start time: 11.30							
Transfer of the second	Oil Pressure finish: 40							
011 01 050001 0 0101 11 (mp Discharge pressure:/54							
Coolant temperature after 30 minutes running: 195								
Stop time: 11 Stop hour meter: 13	7.3 Total time running: 10 min							
Comments: Over caling								
Sulfur Concentrations (less than or equal to 0.0015% on a weight per								
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as more than 30 minutes in any one hourand no more than 10 hours per year for initial start-up testing ar of hours necessary to comply with the testing requirements of the National Fire Protection Associatic (current edition). The hours of operation for source testing will not be counted towards either of the Note: Fuel consumption 27 gal/h approximately.	nd compliance demonstrations. Additionally, this engine shall not be operated more than the hamour on (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"							



		Plant: ALPHA	Valve Sh			Oper	
Ma	·	Curtom	PSI	Viv. Pos.	Signage	Locked	Comments
No.	SG Unit 1	System 81-1	1,60	Ø/C	Jighaga	YZN	
2	SG Unit 2	B1-2	160	Ø/C		YZNO	
3	Reheaters	B1-3	160	Ø/C		YDND	
4	Rack 2 West HTF	B1-4	160	Ø/C	1	YZN	
5	Rack 2 East HTF	B1-5	110	Ø/C	V	YZNO	
6	North Steel Pro	B1-6	110	Ø/C	V	YZND	
7	HTF Pumps	B1-7	160	Ø/C	V	YZNU	
8	HTF Heaters	B1-8	160	Ø/C	V	YZNO	
9	South Steel Pro	B1-9	160	Ø/C	V	YZNO	
10	Lube Oil	B1-10	80	g//C	V	Y D N D	
11	Turbine Hose Stations		50	DIC	V	YZIND	
12	Turbine Bearings	B1-12	150	BIC		YZNO	
14	Turbine bearings	DITE	Valve Sh	ed # 2 by	Overflo		
No.		System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	140	O/C	Jiginog-	YONO	
2	Ullage Area	B2-2	100	Ø/C		YONO	
3	Ullage Structure	B2-11	160	Ø/C		YONO	
4	Rack 1 Middle Area	B2-11	160	D/C		YONO	
5	Overflow Tanks	B2-5 B2-9	160	Ø/C		YONO	
6	Rack 1 South Area	B2-6	160	Ø/C		YONO	
7	Rack 1 South Area	B2-5 B2-7		Ø/C	-	YONO	
	Rack 1 West	B2-7	160	Ø/C		YONO	
<u>8</u> 9	Over flow AFFF	B2-4 B2-8	160 D	0/4		Y D N D	
			0	0/2		YE NE	
10	Expansion Vessel AFF	DZ-3	alve Shed # 3 b	v Blda 3	GE Flort		
41.			PSI PSI	Viv. Pos.		Locked	Comments
No.	Transformer Aux	System	1100	1/ Ø/C	Jigilage	YOND	- Commone
1			160	V 0/C	5/	YDNO	
2	Transformer Main		alve Shed # 4 b		Tower \		
Ma		System	PSI	Viv. Pos.	Signage	Vest side	Comments
No.	Cli Tayyan Mast C		50	Ø/C	Jigitage	YDNZ	4
1	Cooling Tower West S	side	Valve Shed	# 5 by Co	ntrol Blo		
		(2000) (2000) (2000) (2000) (2000) (2000) (2000)	PSI	Viv. Pos.	Signage	Locked	Comments
No.	6 . 15	System	150	B/C	Signage	YELNO	Commence
1	Control Room	B4-5			-	YEND	
2	Offices	B4-3	46	Ø/C	-	YEND	
3	Electrical Room	B4-4	kler Valves (The	1 20/C			on position)
					De locke	u iii ale ope	Comments
No.		System	Locked Y Ø ∠N □	Viv. Pos.			Comments
1	Bearing 2						
2	Bearing 3		Y DZ , N D				
3	Bearing 4		Y Z N D				
4	Bearing 5	UTF Dalue	je System Valve		acked in	the Open D	locition\
	-				ockeu iii	the Open r	Comments
No.		System	Locked	Viv. Pos.			Comments
1	MP-201		YZ NO	/ O/C			
	MP-200A		YZND	O/C			
2			Y 🖸 N 🗆	O/C	1		
3	MP-200B			100			
3	MP-200B MP-200C		YØ NO				
3	MP-200B		YØ NO	/ O/C	lune Co	tom	
3	MP-200B MP-200C		YØ NO YØ NO Fire Pump	/ O/C House D		tem	
3	MP-200B MP-200C	System	YØ NO	/ O/C	eluge Sys	tem	Comments
3 4 5 No.	MP-200B MP-200C MP-200D		YØ NO YØ NO Fire Pump	/ O/C House D			Comments
3 4 5	MP-200B MP-200C		YØ NO YØ NO Fire Pump	/ O/C House D	Locked Y D N D		Comments
3 4 5 No.	MP-200B MP-200C MP-200D	nge	YØND YØND Fire Pump PSI	O/C House Do O/C	Locked Y		
3 4 5 No. 1	MP-200B MP-200C MP-200D Fire Pump House Delu	System	Y Ø N □ Y Ø N □ Fire Pump PSI Position	/ O/C House Do	Locked Y D N D		Comments
3 4 5 No. 1 No.	MP-200B MP-200C MP-200D Fire Pump House Delu	System ive Way #7	Y Ø N □ Y Ø N □ Fire Pump PSI Position O/C	O/C House Do O/C	Locked Y		
3 4 5 No. 1 No.	MP-200B MP-200C MP-200D Fire Pump House Delu Maintenance Shop Dr Maintenance Shop Dr	System ive Way #7 ive Way #8	Y Ø N □ Y Ø N □ Fire Pump PSI Position O/C ✓/Q/C	O/C House Do O/C	Locked Y		
3 4 5 No. 1 No. 1 2 3	MP-200B MP-200C MP-200D Fire Pump House Delu Maintenance Shop Dr Maintenance Shop Dr West Side Power Bloc	System ive Way #7 ive Way #8 k by VS-3 # 9	Position O/C VO/C	O/C House Do O/C	Locked Y		
3 4 5 No. 1 No. 1 2 3 4	MP-200B MP-200C MP-200D Fire Pump House Delu Maintenance Shop Dr Maintenance Shop Dr West Side Power Bloc West Side Power Bloc	System ive Way #7 ive Way #8 k by VS-3 # 9 k by VS-1 # 10	Y ☑ N □ Y ☑ N □ Fire Pump PSI Position O/C √O/C √O/C ✓O/C	O/C House Do O/C	Locked Y		
3 4 5 No. 1 No. 1 2 3	MP-200B MP-200C MP-200D Fire Pump House Dela Maintenance Shop Dr Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To	System ive Way #7 ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11	Y ☑ N □ Y ☑ N □ Fire Pump PSI Position ○/C/ ▼/O/C ▼/O/C ▼/C	O/C House Do O/C	Locked Y		
3 4 5 No. 1 2 3 4 5 6	MP-200B MP-200C MP-200D Fire Pump House Dela Maintenance Shop Dr Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West side Cooling To	System ive Way #7 ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 wer by VS-4 # 12	Y ☑ N □ Y ☑ N □ Y ☑ N □	O/C House Do O/C	Locked Y		
3 4 5 No. 1 2 3 4 5	MP-200B MP-200C MP-200D Fire Pump House Dela Maintenance Shop Dr Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West side Cooling To N.W. Corner Chemica	System ive Way #7 ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 wer by VS-4 # 12 I Storage #1	Y ☑ N □ Y ☑ N □ Y ☑ N □	O/C House Do O/C	Locked Y		
3 4 5 No. 1 2 3 4 5 6	MP-200B MP-200C MP-200D Fire Pump House Dela Maintenance Shop Dr Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West side Cooling To	System ive Way #7 ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 wer by VS-4 # 12 I Storage #1	Y ☑ N □ Y ☑ N □ Y ☑ N □	O/C House Do O/C	Locked Y		
3 4 5 No. 1 2 3 4 5 6 7	MP-200B MP-200C MP-200D Fire Pump House Delu Maintenance Shop Dr Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West side Cooling To N.W. Corner Chemica East Side W.T. by Mul	System ive Way #7 ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 J Storage #1 Storage #2 timedia Filters # 3	Y ☑ N □ Y ☑ N □ Y ☑ N □	O/C House Do O/C	Locked Y		
3 4 5 No. 1 2 3 4 5 6 7 8	MP-200B MP-200C MP-200D Fire Pump House Dele Maintenance Shop Dr Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West side Cooling To N.W. Corner Chemica N.E. Corner Chemical	System ive Way #7 ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 J Storage #1 Storage #2 timedia Filters # 3	Y ☑ N □ Y ☑ N □ Y ☑ N □ PSI PSI PSI PSI PSI PSI PSI	O/C House Do O/C	Locked Y		
3 4 5 No. 1 2 3 4 5 6 7 8 9	MP-200B MP-200C MP-200D Fire Pump House Delu Maintenance Shop Dr Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West side Cooling To N.W. Corner Chemica East Side W.T. by Mul	System ive Way #7 ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 wer by VS-4 # 12 I Storage #1 Storage #2 timedia Filters # 3 timedia Filters # 5	Y ☑ N □ Y ☑ N □ Y ☑ N □ PSI PSI	O/C House Do O/C	Locked Y		
3 4 5 No. 1 2 3 4 5 6 7 8 9 10	MP-200B MP-200C MP-200D Fire Pump House Dela Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To West side Cooling To N.W. Corner Chemical East Side W.T. by Mul East Side W.T. by Mul East Side W.T. by Mul	System ive Way #7 ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 wer by VS-4 # 12 I Storage # 1 Storage # 2 timedia Filters # 3 timedia Filters # 5	Y ☑ N □ Y ☑ N □ Y ☑ N □ PSI PSI PSI PSI PSI PSI PSI	O/C House Do O/C	Locked Y		
3 4 5 No. 1 2 3 4 5 6 7 7 8 9 10 11 12	MP-200B MP-200C MP-200D Fire Pump House Dela Maintenance Shop Dr Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To N.W. Corner Chemica East Side W.T. by Mult East Side W.T. by Mult North Side Bldg 10 # Between MP-444's an West Side Power Bloc	System ive Way #7 ive Way #8 k by VS-3 # 9 k by VS-1 # 10 wer by VS-4 # 11 Storage #1 Storage #2 timedia Filters # 3 timedia Filters # 5 6 d Water Treat # 4	Y ☑ N □ Y ☑ N □ Y ☑ N □ Y ☑ N □	PIV Chec	Locked Y N N		
3 4 5 No. 1 2 3 4 5 6 7 7 8 9 10 11 12	MP-200B MP-200C MP-200D Fire Pump House Dela Maintenance Shop Dr Maintenance Shop Dr West Side Power Bloc West Side Power Bloc West Side Cooling To N.W. Corner Chemica East Side W.T. by Mult East Side W.T. by Mult North Side Bldg 10 # Between MP-444's an West Side Power Bloc	System ive Way #7 ive Way #8 k by VS-3 # 9 k by VS-4 # 10 wer by VS-4 # 12 I Storage #1 Storage #2 timedia Filters # 3 timedia Filters # 5 6 d Water Treat # 4	Y ☑ N □ Y ☑ N □ Y ☑ N □ Y ☑ N □	PIV Chec	Locked Y N N		



	Plant: ALPHA 🖽	BETA:	Date: 8	12516	۰ 	perator <u>Foy</u>
			ned # 1 by		ser	
No.	System	PSI	Viv. Pos.		Locked	Comments
2	SG Unit 1 B1-1 SG Unit 2 B1-2	150	V 0/C	7	YDYND	
3	SG Unit 2 B1-2 Reheaters B1-3	155	√ 0/C √ 0/C	V	YE, NO	
4	Rack 2 West HTF B1-4	155	V O/C	V	YEND	
5	Rack 2 East HTF B1-5	150	V.0/C	V	YMNO	
6	North Steel Pro B1-6	155	O/C	V	YEVNO	
7	HTF Pumps B1-7	150	V 0/C	1	YEND	
8	HTF Heaters B1-8	150	1,0/C	V	YZNO	
9	South Steel Pro B1-9	155	20/C	V	YOVNU	
10	Lube Oil B1-10	153	V0/C		Y D N E	
11	Turbine Hose Stations B1-11	153	√ 0/C	1	YEND	
12	Turbine Bearings B1-12	155 Value 5	√0/c hed # 2 b	· 0	YEND	
No.	System	PSI	Viv. Pos.		Locked	6
1	Expansion Vessels B2-1	165	V O/C	Signage	Y M N D	Comments
2	Ullage Area B2-2	150	v 0/C	~	YE, NO	
3	Ullage Structure B2-11	153	V O/C	1	YEND	
4	Rack 1 Middle Area B2-5	150	V 0/C	V	YEND	
- 5	Overflow Tanks B2-9	150	√ O/C	V.	YEND	
6	Rack 1 South Area B2-6	160	√ 0/C	V	YD, NO	
7	Rack 1 West B2-7	105	≥ O/C	~	A EA, N E	
8	Rack 1 North Area B2-4 Over flow AFFF B2-8	BU	✓ O/C		Y D N D	
9 10		0	0/C ./	~	Y D N Z	
10	Expansion Vessel AFFF B2-3	Shed # 3 b	0/C V		rical Bldg	
No.	System	PSI PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	155	√ O/C	Signage	YVZ N 🗆	Commend
2	Transformer Main	155	V 0/C	\overline{v}	YETND	
	Valve	Shed # 4 b	y Cooling	Tower V	Vest Side	
No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	V 0/C	X	Y D N E	
		Valve Shed				
No.	System Control Room 84-5	155	Viv. Pos.	Signage	Locked	Comments
2	Control Room B4-5 Offices B4-3	155	✓ O/C	~		
3	Electrical Room B4-4	155	V 0/C	7	YOV	
	Turbine Sprinkler	Valves (The	ese are to			en position)
No.	System	Locked	Viv. Pos.			Comments
1	Bearing 2	YZ N 🗆				
2	Bearing 3	YEND				
3	Bearing 4	YEND				
4	Bearing 5	YOND	V 0/C	and and to	4 0	B. M. S.
No.	HTF Deluge Sy			ockea in	tne Open	
1	MP-201	Locked YVI N I	Viv. Pos.			Comments
2	MP-200A	YDN				
3	MP-200B		V 0/C			
4	MP-200C	YVN				
5	MP-200D	YD'ND				
		Fire Pump		luge Syst	tem	
No.	System	PSI	0/C	Locked		Comments
1	Fire Pump House Deluge	190	0	YEND		
		1	PIV Chec			
No.	System	Position	Cycled	Date	re,	Comments
1	Maintenance Shop Drive Way #7	0/C √	-,	Cycled		- Comments
2	Maintenance Shop Drive Way #7 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	√ 0/C				
5	West Side Cooling Tower by VS-4 # 11	√ 0/C				
6	West side Cooling Tower by VS-4 # 12	✓ O/C				
7	N.W. Corner Chemical Storage #1	V 0/C				
8	N.E. Corner Chemical Storage # 2	√ O/C				
	East Side W.T. by Multimedia Filters # 3	√ 0/C				
	East Side W.T. by Multimedia Filters # 5	V 0/C				
	North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	V 0/C				
13	West Side Power Block Valve Shed #1	0/C V	-			
	MT-FOR-000027 Automated Fire Systems Inspection CheckligxBe		st Saturda	v of Ever	v Month	B 001 11000
No.	System System	Debris	Jacarda	, o. Lvei	, month	Page 364 of 1228 G70-16-0040-MT-FOR-0000
1	Transformer Yard Refuse Check		of TRevised	19/24/2019		Gro-jo-contrib-for-0000



General Info								
Plant: Alpha 🗹 Beta 🗆	Date: 8/24 / 24							
Operator: Pay	*To be completed each time unit is operated.							
Reason for running pumps: Weekly test 🗆 Maintenand	ce 🗆 Emergency 🗆							
Jockey Electron	ric Pump							
Pre-start Inspection: Electrical Feed 日 Mechanical								
Check the jockey pump on pressure drop. Start up pressure: 🗡	55							
Discharge Pressure: 167								
Pump Suction Pressure: Pump Discharge pressure:								
Comments:								
Electric F								
Pre-start Inspection: Electrical Feed Mechanical	□ Valves □							
Start the pump on pressure drop. Start up pressure: /40								
Start time: 0548								
Pump Suction Pressure: 10 Pump Discharge pressure: 150								
Stop time: 05% W Total time runni	ng							
Comments:								
Diesel Pump								
Pre-start Inspection: Coolant 🗹 Oil 🗹 Mechanical	Valves Water Jacket Heater V							
Fuel level > 2/3: Yes ☑ No ☐ Mon	nthly Fuel Consumption:							
Battery volt Crank 1:27.3 Battery volt Crank 2: 27.3	Battery Condition: 「つooを							
Starting hour meter: 137.3	Start time: 0533							
Oil pressure start: 60 ps:	Oil Pressure finish: 37							
Pump Suction Pressure: /5	mp Discharge pressure: /6 6							
Coolant temperature after 30 minutes running: 701								
Stop time: 544 Stop hour meter: 13	32.9 Total time running:// かれ							
Comments: Overhanking								
Sulfur Concentrations (less than or equal to 0.0015% on a weight per								
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as a more than 30 minutes in any one hourand no more than 10 hours per year for initial start-up testing and of hours necessary to comply with the testing requirements of the National Fire Protection Association (current edition). The hours of operation for source testing will not be counted towards either of the answer of the consumption 27 gal/ happroximately. There is no limit on engine operation for emergency use. (Title 17 CCR 93115.6(a)(4))	on (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"							



Automated Fire Systems Inspection Checklist

BETA: Date: 024/24 Operator Eriel Plant: ALPHA Valve Shed # 1 by Condenser Comments Locked Y ☑ N □ Viv. Pos. Signage PSI System 10/C 160 SG Unit 1 10/0 YD ND 1.5 SG Unit 2 YD NO 10/0 160 YZ NO Reheaters 10/0 165 Rack 2 West HTF B1-4 YZNO VO/C 160 Rack 2 East HTF A M N O 1100 10/0 North Steel Pro ND 10/0 155 HTF Pumps YZND 10/0 HTF Heaters 8 YD'ND 10/0 South Steel Pro B1-9 YOND /0/C /0/C /0/C Lube Oil YD'ND 10 155 Turbine Hose Stations YD NO Valve Shed # 2 by Overflow Turbine Bearings 12 Comments Viv. Pos. Signage Locked PSI System YZIND No. V 0/C Expansion Vessels YD NO 160 V 0/C Ullage Area 10/C 160 Ullage Structure YZND V0/C 160 Rack 1 Middle Area Y D N D J 0/C Overflow Tanks B2-9 YD NO V 0/C Rack 1 South Area YZNO 6 J 0/C 166 YZ, NO Rack 1 West 10/C 160 Rack 1 North Area V 0/C YD NO 8 160 Over flow AFFF YDND Valve Shed # 3 by Bldg 35 GE Electrical Bldg Expansion Vessel AFFF 10 B2-3 Comments PSI Viv. Pos. Signage Locked System YDYND No. √0/C √0/C Transformer Aux VI NO Valve Shed # 4 by Cooling Tower West Side Transformer Main Comments Viv. Pos. Signage PSI **System** No. 0 0/0 Valve Shed # 5 by Control Bldg 10 Cooling Tower West Side Comments PSI Viv. Pos. Signage Locked System Y N D No. V 0/C Turbine Sprinkler Valves (These are to be locked in the open position) Control Room Offices Electrical Room Comments Locked Viv. Pos. System No. AB NO \0/C Bearing 2 YEND VO/C Bearing 3 3 Bearing 4 HTF Deluge System Valves (To be Locked in the Open Position) Bearing 5 Comments Locked Viv. Pos. System No. MP-201 Y N D V O/C MP-200A MP-200B VEND 16/C MP-200C Y☑ N□ ✓O/C Fire Pump House Deluge System MP-200D 5 Comments Locked PSI System No. YMND Fire Pump House Deluge PIV Checks Date Comments Cycled Position Cycled 0/0/ Maintenance Shop Drive Way #7 √ 0/C Maintenance Shop Drive Way #8 West Side Power Block by V5-3 # 9 J 0/C West Side Power Block by VS-1 # 10 4 West Side Cooling Tower by VS-4 # 11 10/0 West side Cooling Tower by VS-4 # 12 V 0/0 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 8 V 0/C East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 10 V 0/C North Side Bldg 10 # 6 11 O/CV Between MP-444's and Water Treat # 4 10/0 West Side Power Block Valve Shed #1 To Be Cycled First Saturday of Every Month Comments / Actions G70-16-0040-MT-FOR-000027 570-No0040 MT-FOR-000027 Automated PSystem is Inspection Checklist Debris Y | N | 1 | 1Revised 09/24/2019 Page 366 of 1228 Transformer Yard Refuse Check



General Information							
Plant: Alpha 🗆 Beta 🔟 Date: 🖇	25/24						
	e completed each time unit is operated.						
	gency 🗆						
Jockey Electric Pump							
Pre-start Inspection: Electrical Feed Mechanical Valve	es- U						
Check the jockey pump on pressure drop. Start up pressure: 165							
Discharge Pressure: /55							
Pump Suction Pressure: 1/2- Pump Discharge pressure: 160							
Comments:							
Electric Pump							
Pre-start Inspection: Electrical Feed Mechanical Valve	es D						
Start the pump on pressure drop. Start up pressure: 145							
Start time: 6:22							
Pump Suction Pressure: /3 . Pump Discharge pressur	re: /50 ·						
top time: 6:32_ Total time running 0 min							
Comments:							
Diesel Pump	Water lacket Hoster H						
	Water Jacket Heater						
Fuel level > 2/3: Yes No Monthly Fuel Consumpt							
Battery volt Crank 1: 27, 0 Battery volt Crank 2: 27 Battery Condition							
Starting hour meter: 136. 4 Start time: 66							
Oil pressure start: 105 ps., Oil Pressure finish							
Pump Suction Pressure: 18 ps i Pump Discharge pressu	ure: 145						
	55 pi.						
Stop time: 06:19 Stop hour meter: /36.5 To	otal time running: 그						
Comments: 1760 Rpm Charge Air Coder temper to Engine #1 ECU ADA	p out of Runger						
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).							
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstration of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above ote: Fuel consumption 27 gal/ h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	ns. Additionally, this engine shall not be operated more than the number						



Fire Fullip Wee	
General Info	
Plant: Alpha Ø Beta □	Date: 09-01-24
Operator: Soscharcia	*To be completed each time unit is operated.
Reason for running pumps: Weekly test Maintenan	nce 🛘 Emergency 🗔
Jockey Elect	tric Pump
Pre-start Inspection: Electrical Feed Mechanica	ValvesÆ ValvesÆ
Check the jockey pump on pressure drop. Start up pressure:	155 ps1
Discharge Pressure: 16 δ ρ91	
	ımp Discharge pressure: ורק צאון
Comments:	
Commends.	
Electric	
Pre-start Inspection: Electrical Feed 🔟 Mechanica	al 🗹 Valves 🗹
Start the pump on pressure drop. Start up pressure: 145	<
Start time: 0025	
Pump Suction Pressure: 15 psl Pun	mp Discharge pressure: /ڪٽ وڃڙ
Total time run	ning tomen
Comments: Small Pin have Suction buttom SI	de of pump
	Pump
Pre-start Inspection: Coolant 🖟 Oil 🗆 Mechanica	
Fuel level > 2/3: Yes \(\text{No } \text{V} \) No \(\text{V} \)	onthly Fuel Consumption: N/N
Battery volt Crank 1: 24 Battery volt Crank 2: 26	Battery Condition: weed deganes
Starting hour meter: 48 136.5	Start time: 0050
Oil pressure start:	Oil Pressure finish: 4/
Pump Suction Pressure: 10 psi	Pump Discharge pressure: 165 951
Coolant temperature after 30 minutes running:	196
Stop time: 0 100 Stop hour meter:	132. U Total time running: 10mm
Comments:	
Comments.	
Sulfur Concentrations (less than or equal to 0.0015% on a weight p	er weight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined	d as in response to a fire or due to low tire water pressure. In addition, this crighte state of opening ag and compliance demonstrations. Additionally, this engine shall not be operated more than the numb liation (NFPA) 25 - "Standards for the Inspection, Testing, and Maintenance of Water Based Fire System



Transformer Yard Refuse Check

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

BETA: Date: 9-01-24 Operator Rem Plant: ALPHA 🗹 Valve Shed # 1 by Condenser Comments Viv. Pos. Signage Locked System 150 V O/C SG Unit 1 VET NO J 0/C 155 SG Unit 2 V 0/C YD. ND Reheaters B1-3 V 0/C YE NO Rack 2 West HTF YE NO V 0/C 150 Rack 2 East HTF YEND V 0/C 155 B1-6 North Steel Pro YE NO 150 1010 B1-7 HTF Pumps Y D N D 150 VO/C HTF Heaters 8 YEND V 0/C South Steel Pro YO NE 150 V / O/C 10 Lube Oil B1-10 A A N D V 0/C 155 Turbine Hose Stations B1-12 12 Turbine Bearings Valve Shed # 2 by Overflow Comments PSI 655 Signage Locked Viv. Pos. System 1,0/C Y Ø , N D Expansion Vessels 150 156 155 YE NO O/C Ullage Area J 0/C YEND Ullage Structure B2-11 YE NO V0/C Rack 1 Middle Area Δ YM NO 155 V 0/C 82-9 Overflow Tanks V J,0/C YEND 6 Rack 1 South Area B2-6 V 0/C YIND Rack 1 West YEND VO/C Rack 1 North Area B2-4 B YEVNO O/CV Over flow AFFF 9 YOVND 0/C -B2-3 10 Expansion Vessel AFFF Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments Viv. Pos. Signage Locked PSI System No. Transformer Aux YIN NO V 0/C Transformer Main Valve Shed # 4 by Cooling Tower West Side Comments Viv. Pos. Signage PSI System No Valve Shed # 5 by Control Bldg 10 VOIC Cooling Tower West Side Comments Locked Viv. Pos. Signage PSI System No. YE, NO 155 V 0/C Control Room V 0/C YD ND Offices 84-3 / O/C YUND Electrical Room Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. No. Y □ N □ ✓ O/C Y □ N □ ✓ O/C Bearing 2 Bearing 3 YE NO VO/C Bearing 4 3 YEND VO/C Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Comments Locked Viv. Pos. System No. N - VO/C MP-201 YEND VOIC 2 MP-200A YE NO V/0/C MP-200B MP-2000 4 YD NO O/C MP-200D 5 Fire Pump House Deluge System Comments Locked O/C YEND 190 Fire Pump House Deluge PIV Checks Comments Position Cycled Cycled On-D1 No. System V 0/C J Maintenance Shop Drive Way #7 09-01 √ O/C Maintenance Shop Drive Way #8 10-60 V0/0 West Side Power Block by VS-3 # 9 09-01 V 0/C West Side Power Block by VS-1 # 10 √ O/C 09-61 West Side Cooling Tower by VS-4 # 11 V 0/C V 09-01 West side Cooling Tower by VS-4 # 12 09-01 V 0/C N.W. Corner Chemical Storage #1 0/0 N.E. Corner Chemical Storage # 2 10-10 East Side W.T. by Multimedia Filters # 3 V 0/C 04-01 V 0/C East Side W.T. by Multimedia Filters # 5 10 09-01 J 0/0 North Side Bldg 10 # 6 11 10-10 0/C ~ Between MP-444's and Water Treat # 4 12 West Side Power Block Valve Shed #1 0/0 G70-16-0040-MT-FOR-000027 Automated Fire Systems Inspection Checking Be Cycled First Saturday of Every Month Comments / Actions 369 01 1228 System Y ☐ 1 TREVISED 09/24/2019



General In	
Plant: Alpha □ Beta ☑	Date: 69-02-24
Operator: Jose Marcia	*To be completed each time unit is operated.
Reason for running pumps: Weekly test Maintena	nnce 🗆 Emergency 🗆
Jockey Ele	ctric Pump
Pre-start Inspection: Electrical Feed 🗹 Mechanic	al 🕡 Valves 🗗
Check the jockey pump on pressure drop. Start up pressure:	155 (3)
Discharge Pressure: 105 p51	
Pump Suction Pressure: N/A	ump Discharge pressure: 165 ps
Comments:	
The Carlotte of the Control of the C	c Pump Valves 🗹
Pre-start Inspection: Electrical Feed Mechanic	
Start the pump on pressure drop. Start up pressure: 149	
Start time: 0616	ump Discharge pressure: /50 ps/
Full by Suction 11633dire. 75 pg	
Top time. OC 2 G	Tilling /Opertie)
Comments:	
Diese	el Pump
Pre-start Inspection: Coolant □ Oil □ Mechani	cal □ Valves □ Water Jacket Heater □
	Ionthly Fuel Consumption:
Battery volt Crank 1: Battery volt Crank 2:	Battery Condition:
Starting hour meter:	Start time:
Oil pressure start:	Oil Pressure finish:
	Pump Discharge pressure:
Coolant temperature after 30 minutes running:	
Stop time: Stop hour meter:	Total time running:
Comments: Not Runing Diesel Purily Mr41	Futher Motics.
Sulfur Concentrations (less than or equal to 0.0015% on a weight	per weight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, define	ed as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated he ing and compliance demonstrations. Additionally, this engine shall not be operated more than the number ociation (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems'



		Va	ilve Shec	# 1 by	Condense	er	2200 Polymonicano:
	System		PSI	Viv. Pos.	Signage	Locked	Comments
o.			100 V		V	YEND	
	SG Unit 1 81-1 SG Unit 2 81-2		100 1	/ O/C	V	YD'ND	
	30		100	/,O/C	V	Y D N D	
3	THEFT		40	/ O/C	V.	Y D N D	
_	rider a free		160	7. O/C	V	YDNO	
5	TOUR E MADE		100 1	/ O/C	V	YDNO	
6	North Steel Pro 81-6 HTF Pumps 81-7		160	/,O/C	V	YD,NO	
7	Title College			/,O/C	/	Y D, N D	
8	HTF Heaters B1-8		(01)	/ O/C	/.	Y D, N D	
9	South Steel Pro B1-9		140	/, O/C	V	YZND	
10	Lube Oil B1-10		(40)	V.0/C	¥ /	YELND	
11	Turbine Hose Stations 81-11			V 0/C	V	YMND	
12	Turbine Bearings 81-12		Jalve She	d # 2 by	Overfloo	W	
	V - MIN M - MI		PSI	Viv. Pos.	Signage	Locked	Comments
lo.	System			V 0/C	V	YDNO	
1	Expansion Vessels 82-1		160	10/C	V	YD, NO	
2	Ullage Area B2-2		160	V,0/C	V	YZ-NO	
3	Ullage Structure B2-11			V 0/C	1	YDND	
4	Rack 1 Middle Area B2-5		160	V 0/C	1/2	YD NO	
5	Overflow Tanks B2-9		160	V O/C	V	YD, NO	
6	Rack 1 South Area 82-6			VO/C	V.	YDINO	
7	Rack 1 West 82-7		160		- V	YE NO	
8	Rack 1 North Area B2-4		iled	V 0/C	V/	Y D N D	
9	Over flow AFFF B2-8		0	0/0	V	YDND	
10	Expansion Vessel AFFF 82-3		4	0/C/		trical Bldg	
		Valve Sh		/ Blag 3	GE EIEC	Locked	Comments
No.	System		PSI	Viv. Pos.	Signage	Y E N D	
1	Transformer Aux		160	VO/C	1/	YEND	
2	Transformer Main		160	V 0/C	T		
Ė	The state of the s	Valve Sh		y Coolin	g rower	West Side	Comments
No.	System		PSI	Viv. Pos.	Signage	YEND	- Common -
1	Cooling Tower West Side		160	VO/C	V		
	Cooking Town	Val			ontrol Blo	ag iv	Comments
No.	System		PSI	Viv. Pos.	Signage	Locked	Commence
1	Control Room 84-5		160	VOIC	V/	Y DV N D	
2	Offices B4-3		1100	1V p/c	-Y/	Y D N D	
3			160	VOIC	· /	Y D N D	- Inches
,	Tu	rbine Sprinkler Val	ves (The	se are to	be locke	ed in the o	pen position)
NI-	System		Locked	Viv. Pos.			Comments
No.	Bearing 2		YDND	VOIC			
1			YDND	VOIC			
2	Bearing 3		YO'NO	VOIC			
3	Bearing 4		YDND	VOIC			
4	Bearing 5	HTF Deluge Syste	m Valve	s (To be	Locked in	n the Open	Position)
	System		Locked	Viv Pos.			Comments
No.			YDND				
1	MP-201		YDND				
2	MP-200A		YDIND	-			
3	MP-200B		YM/NO		-		
4	MP-200C		Y D ND	1/ 0/0	1		
5	MP-200D	c).	re Pumn	House I	Deluge Sy	stem	
				1			Comments
No.	System		PSI	O/C	Locked		
1	Fire Pump House Deluge		180	0	YDN	4	
	The rump mouse a ange			PIV Che			
	System		Position	Cycled	Date Cycled		Comments
No.			.0/C1/	4	Lycled		
1	Maintenance Shop Drive Way #	<i>l</i> :					
2	Maintenance Shop Drive Way #	5	V 0/C	-	+	1	
3	West Side Power Block by VS-3	# 9	V O/C	-	+		
4	West Side Power Block by VS-1	# 10	V,0/C		-	-	
5	West Side Cooling Tower by VS	-4 # 11	V 0/C				
6	West side Cooling Tower by VS	-4 # 12	V 0/C	-		_	
7	N.W. Corner Chemical Storage	#1	V 0/C			_	
8	N.E. Corner Chemical Storage #	2	V/0/C				
9	East Side W.T. by Multimedia Fi	Iters # 3	J 0/C				
10	East Side W.T. by Multimedia Fi	Iters # 5	V O/C				
	North Side Bldg 10 # 6		V 0/C				
11	Between MP-444's and Water T	reat # 4	- O/C U				
12			nic.				
13	West Side Power Block Valve SI 340-MT-FOR-000027 Automated Fire Syste	malesastica Charling Re (Cycled Fi	rst Satu	rday of E	very Montl	1
0-16-00	340-MT-FOR-000027 Automated Fire System System	IIIS UISDECUON CHECKISCAS C	Debris		sed 09/24/201		Comments / Apigge 37 478 f61228 FF
No.							



Transformer Yard Refuse Check

Moiave Solar LLC

Automated Fire Systems Inspection Checklist

124 Operator Ends BETA: 🔽 Date: Plant: ALPHA Valve Shed # 1 by Condenser Comments Viv. Pos. Signage Locked PSI System No. YZND 10/C V Usc SG Unit 1 YDND **√**0/C SG Unit 2 EXT. HaD YZNO V0/C Reheaters JO/C YDYND 16 Rack 2 West HTF 4 V 0/C YDND Rack 2 East HTF Y D NO 10/0 6 North Steel Pro 160 YZND V0/C HTF Pumps Y Z N D / O/C HTF Heaters B1-8 8 JO/C Y D N D South Steel Pro 9 Ν□ V 0/C Lube Oil YOND 10/C Turbine Hose Stations 0/0 YZND Turbine Bearings 12 Valve Shed # 2 by Overflow Comments Viv. Pos. Signage Locked PSI System No. Y N D V0/C **Expansion Vessels** YDNO 0/0 Ullage Area YZND V 0/C Ullage Structure YO NO -0/C Rack 1 Middle Area B2-5 YD NO √0/C Overflow Tanks / O/C 92-6 Rack 1 South Area 6 YO'NO **/**0/C Rack 1 West YONO -O/C 60 Rack 1 North Area 70/C VEND Over flow AFFF YDND 0/0 Expansion Vessel AFFF B2-3 10 Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments Locked PSI Viv. Pos. Signage System No. **/** 0/C Transformer Aux Valve Shed # 4 by Cooling Tower West Side YD ND Transformer Main Comments PSI Viv. Pos. Signage System -010 Cooling Tower West Side Valve Shed # 5 by Control Bldg 10 Comments Locked Viv. Pos. Signage PSI System No. Y D N D V0/0 Control Room YZ, NO /0/0 Offices Y D N D 10/0 Electrical Room Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. No. Y N D V O/C Bearing 2 2 Bearing 3 Y Ø N □ V O/C Y Ø N □ V O/C HTF Deluge System Valves (To be Locked in the Open Position) Bearing 4 4 Bearing 5
 Locked
 Viv. Pos.

 Y □ N Ø ✓ O/C

 Y Ø N □ ✓ O/C
 System No. MP-201 MP-200A 2 Y N D V O/C MP-2008 MP-2000 YZNO /O/C MP-200D Fire Pump House Deluge System Comments O/C Locked PSI System No. YZNO Fire Pump House Deluge PIV Checks Comments **Position** Cycled System Cycled 0/0 Maintenance Shop Drive Way #7 0/0 Maintenance Shop Drive Way #8 /O/C West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 0/0 V 0/C West Side Cooling Tower by VS-4 # 11 5 · 0/C West side Cooling Tower by VS-4 # 12 **/** 0/C N.W. Corner Chemical Storage #1 V0/C N.E. Corner Chemical Storage # 2 8 ✓ O/C East Side W.T. by Multimedia Filters # 3 /O/C East Side W.T. by Multimedia Filters # 5 10 V 0/C North Side Bldg 10 # 6 11 Between MP-444's and Water Treat # 4 O/C 12 West Side Power Block Valve Shed #1 To Be Cycled First Saturday of Every Month Comments / Actions G70-No0040-MT-FOR-000027 Automated PSystem Inspection Checklist Debris Page 379 of 0228 FOR 0000 YDND

of 18eviseu 09/24/2019



General Ir	nformation					
Plant: Alpha 💢 Beta 🗆	Date: 9.13.24					
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 🗹 Mainte	nance 🛘 Emergency 🖟					
Jockey Ele	ectric Pump					
Pre-start Inspection: Electrical Feed 🗹 Mechan	nical 🗸 Valves 🗹					
Check the jockey pump on pressure drop. Start up pressur	e: 15 5					
Discharge Pressure: 162						
Pump Suction Pressure: —	ump Discharge pressure: —					
Comments:						
	nical 🛮 Valves 🗹					
Pre-start inspection.	THEORY (IEI)					
Start the pump on pressure drop. Start up pressure: 14 z	2					
Start time: 10:59	Pump Discharge pressure: 150					
Pump Sucuon Pressure. 20						
Stop time: 2309	running /O					
Comments:						
Dies	el Pump					
Pre-start Inspection: Coolant □ Oil □ Mecha	anical 🗆 Valves 🗆 Water Jacket Heater 🗅					
Fuel level > 2/3: Yes \(\Bar{\sqrt{1}}\) No \(\Bar{\sqrt{1}}\)	Monthly Fuel Consumption:					
Battery volt Crank 1: Battery volt Crank 2:	Battery Condition:					
Starting hour meter:	Start time:					
Oil pressure start:	Oil Pressure finish:					
mp 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 weig	ht per weight basis).					
This new direct drive fire pump engine shall be limited to use for emergency fire suppression, or	defined as in response to a fire or due to low life water plessure. In addition, this engine are then -up testing and compliance demonstrations. Additionally, this engine shall not be operated more than ection Association. (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based.					



					d # 1 by			Charles and the second
Vo.		System		PSI	Viv. Pos.	Signage	Locked Y N D	Comments
1	SG Unit 1	B1-1	1.	60	VO/C		YOND	
2	SG Unit 2	81-2		,	V 0/C	V	YEVND	
3	Reheaters	81-3	1	34.34	V 0/C	V,_		
4	Rack 2 West HTF	B1-4		55	√ 0/c		YEVU	
5	Rack 2 East HTF	B1-5		160	√ 0/C	✓		
6	North Steel Pro	B1-6		155	√ 0/C	\mathcal{L}	Y DEN D	
7	HTF Pumps	B1-7		160	V 0/C		YEND	
8	HTF Heaters	B1-8	1	60	VO/C	V	YDZNO	
9	South Steel Pro	B1-9		60	V O/C	V	Y ID-N	
10	Lube Oil	B1-10	1	44	1/O/C	レ	YEND	
11	Turbine Hose Stations	B1-11		60	VO/C	V	YMAN	
12	Turbine Bearings	B1-12		11.12	VO/C	V	Y D N	
12	Truibilie bearings	BT IE	Va	ve Sh	ed # 2 by	Overflor	w	
N.		System		PSI	Viv. Pos.	Signage	Locked	Comments
No.	#			60	√ 0/C	V	YEND	
1_	Expansion Vessels	B2-1		60	VO/C	V	YOND	
2	Ullage Area	B2-2		2	√ 0/C	~	YEND	
3	Ullage Structure	B2-11	_	EE	V0/C	-	YDVN	
4	Rack 1 Middle Area	B2-5		155		V	YDYNO	
5	Overflow Tanks	82-9		155	VO/C		YDNO	
6	Rack 1 South Area	82-6		155	VO/C		The second secon	
7	Rack 1 West	82-7		160	VO/C	1	YDND	
8	Rack 1 North Area	B2-4		160	VO/C		YEVND	
9	Over flow AFFF	B2-8			0/07	V	YDND	
10	Expansion Vessel AFFF	B2-3			0/C X	V	Y 2 N D	
		Val	ve Shec		y Bldg 3	GE Elect	trical Bldg	Comments
No.		System		PSI		Signage	Locked	Commend
.1	Transformer Aux			155	VO/C	1	YUND	
2	Transformer Main			156	√ 0/C	1	Y □ N □ West Side	
		Val	ve Shed	1#4b	y Coolin	g Tower \	West Side	
No.		System		PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West S			512	20 /€		YEND	
	Tooling .		Valve	Shed	# 5 by C	ontrol Blo	dg 10	
No.		System		PSI	Viv. Pos.		Locked	Comments
1	Control Room	B4-5		160	VO/C	V	YEND	
	Offices	B4-3		60	1 √0/C	~	YEND	
2	Electrical Room	D4 4		Tin	18/0		YDN	
3	Electrical Room	Turbine Sprinkl	er Valve	S The	ese are to	be locke	d in the o	pen position)
				ocked	Viv. Pos.			Comments
No.	B-0-1-1-1	System	V	NI	VO/C			
1	Bearing 2			NO		-		
2	Bearing 3				1/0/C			
3	Bearing 4				10/C			
4	Bearing 5	HTF Deluge	Count name	Value	To be	locked in	the Oner	Position)
						LOCKEU II	the open	Comments
No.		System		ocked	Viv. Pos.			Comments
1	MP-201				VO/C	-		
2	MP-200A				VO/C			
3	MP-200B		Y	ON D	VO/C			
4	MP-200C				VO/C			
5	MP-200D		Y	NO	VO/C			
-51			Fire	Pump	House D	eluge Sy:	stem	
NI.		System		PSI	O/C	Locked		Comments
No.		140-11-11-11			V	YIDNO	1	
1_	Fire Pump House Delu	ige		an	PIV Che		'	
					-	Date		Comments
No.		System	P	osition	Cycled	Cycled		Comments
_	Maintenance Shop Dr		-	0/0 >				
1	Maintenance Shop Dr			0/C				
2				0/5		1		
3	West Side Power Bloc			0/C			1	
4	West Side Power Bloc					_		
5	West Side Cooling To			O/C		-		
6	West side Cooling To			O/C				
7	N.W. Corner Chemica	Storage #1		O/C				
8	N.E. Corner Chemical	Storage # 2		O/C				
9	East Side W.T. by Mul		L	O/C				
10	East Side W.T. by Mul			-0/C				
11	North Side Bldg 10 #			O/C				
12	Between MP-444's an			0/C 🗸			W	
12	West Side Dower Bloc	k Valve Shed #1		O/C			Qeta.	only
13	TWEST SIDE FOWER BIOL	d Fire Systems Inspection Checking	Be Cve	led Fi	rst Satur	day of Ev	ery Month	
	an in the Longitude of the last	in the Systems inspection Checkin	APP -					Comments / Actionge 374706-10202
		Strefortt		Dehric				Commence dio to to to
No.	Transformer Yard Ref	System		Debris	1 of TRevise	d 09/24/2019)	Commence Actions



Automated Fire Systems Inspection Checklist

		Valve Shed	# 1 by	Condense	r	Comments
	System	PSI	Viv. Pos.	Signage	Locked	Commence
		160	O/C		YIND	
	SG Unit 1	160	√ 0/C		YWND	
_	SG Unit 2	1100 V	/ O/C	~	Y D N D	
	Reheaters	160	/ D/C		Y ■ N □	
_	KACK & WEST IIII	1600 V	2/C \		YWND	
	Rack 2 East HTF		10/C	V	Y I N I	
	North Steel Pro	Vot I	/ O/C	1	Y D' N D	
	HTF Pumps	The I	/ O/C		Y M N D	
1	HTF Heaters	Koo V	/ O/C	V	A B N D	
9	South Steel Pro	160	OIC	V	YUND	
	Lube Oil A. 5" 10	160	V 0/C	V	Y V N D	
1	Turbine Hose Stations 4/31 11	1440	√ O/C	1	YNU	
2	Turbine Bearings 4/31 13	Valve She	nd # 2 by	Overflow	V	
		PSI	Viv. Pos.	Signage	Locked	Comments
0.	System		J 0/C		YWND	
	Expansion Vessels A/B2-1		V 0/C	1	YE NO	
	Ullage Area A/82-2	6.30	V 0/C	7	YEND	
	Ullage Structure A/82-11	-	J 0/C	1	YEND	
4	Rack 1 Middle Area A/82-5		√ 0/C	1	YEND	
	Overflow Tanks A/B2 9	160	√ 0/C	7	Y V N D	
	Rack 1 South Area A/82-6	160	V 0/C	1	YND	
	Rack 1 West A/82-7	160	10/C	1	YND	
	Rack 1 North Area A/B2-4	160	-	V	YD ND	
	Over flow AFFF A/82-8		O/C		YOND) ₀
	Expansion Vessel AFFF A/82-3	Shed # 3 b	Pldc 3	5 GF Fler	rical Blda	
10	Valve	5hed # 3 D	y blug 3	Signage	Locked	Comments
o.	System	PSI		Signage	YEND	
1	Transformer Aux	160	√ O/C	-	YND	
2	Transformer Main	KOO	√ 0/C	Tower !		
4	Valv	e Shed # 4 b	y Coom	Giorne	1	Comments
lo.	System	PSI	Viv. Pos.	Signage	YEND	
1	Cooling Tower West Side	100	√ O/C	antrol Bl		
1	Cooling tower west over	Valve Shed	# 5 DY C	יום וטווווס.	Locked	Comments
	System	PSI		Signage	Y N D	
Vo.	1.71.5	1600	J 0/C		YE'ND	
1	Control Room A/84-5 Offices A/84-3	160	V. O/C		YO'ND	
2		160	√ 0/C	- ha laste	od in the o	nen position)
3	Electrical Room A/84-4 Turbine Sprinkle	r Valves (The	ese are t	o De lock	ed in the O	Comments
N.	System	Lacked	AIA' LOP			
No.		YND				
1	Bearing 2	Y D' N D	_			
2	Bearing 3	Y M N D				
3	Bearing 4	YND	√ 0/C	1 , , ,	Alex Ones	Position)
		The second secon			n the Ope	1 Tostalon/
4	Bearing 5 HTF Deluge 5	ystem Valve	es (To be	Locked	CALL THE RESERVE	Comments
		ystem Valve	VIV. POS	Locked I		Comments
4 No.	System	Locked	VIV. POS	Locked I		Comments
No.	System MP-201	ystem Valve Locked	VIV. POS	Locked I		Comments
No. 1 2	MP-201 MP-200A	Locked	VIV. POS I ✓ O/C I ✓ O/C	Locked I		Comments
No.	MP-201 MP-200A MP-200B	Locked Y D N D Y D N D	1 / 0/C 1 / 0/C 1 / 0/C	Locked I		Comments
No. 1 2	MP-201 MP-200A MP-200B MP-200C	Locked Y NO Y NO Y NO	1 0/C 1 0/C 1 0/C 1 0/C			Comments
No. 1 2 3	MP-201 MP-200A MP-200B	Locked Y NO Y NO Y NO	1 0/C 1 0/C 1 0/C 1 0/C			
No. 1 2 3 4	MP-201 MP-200A MP-200B MP-200C	Verteen Valve Locked YE NO Fire Pump	VIV. POS V O/C V O/C V O/C V O/C V O/C D House	Deluge S	ystem	Comments
No. 1 2 3 4 5	MP-201 MP-200A MP-200B MP-200C	Locked YEND YEND YEND YEND YEND FIRE PUMP	VIV. POS V O/C V O/C V O/C V O/C V O/C D House O/C	Deluge Sy Locked	ystem	
No. 1 2 3 4 5	MP-201 MP-200A MP-200B MP-200C MP-200D System	Verteen Valve Locked YE NO Fire Pump	VO/C 	Deluge S	ystem	
No. 1 2 3 4 5	MP-201 MP-200A MP-200B MP-200C MP-200D	Locked YEND YEND YEND YEND YEND FIRE PUMP	VIV. POS V O/C V O/C V O/C V O/C V O/C D House O/C	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5	MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge	VE NO Fire Pump	V O/C V O/C V O/C V O/C V O/C O/C 	Deluge Sy Locked	ystem	
No. 1 2 3 4 5	System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System	System Valve Locked Y S N O Y S N O Y S N O Y S N O Fire Pump PSI Position	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 5 No. 1	System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Wasphouse/Maintenance Shop Drive Way #7	Vision Valve Locked Yis No Yis No Yis No Yis No Yis No Position O/C	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 No. 1	System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Shop Drive Way #8	System Valve Locked Y S N O Y S N O Y S N O Y S N O Y S N O Fire Pump PSI Position O/C V	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 5 No. 1 No. 1 2	System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9	Position O/C Volvey Position O/C Volvey O/C Volvey O/C Volvey Volvey	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 No. 1 No. 1 2 3	System MP-201 MP-200A MP-200B MP-200C MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10	Position O/C V O/C V O/C V O/C V O/C	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 5 No. 1 No. 1 2 3 4	System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Snop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Conling Tower by VS-4 # 11	Position O/C V O/C	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 5 No. 1 2 3 4 5 5	System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Snop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Conling Tower by VS-4 # 11	Position O/C V O/C	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 1 No. 1 2 3 4 5 6	System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 Wast side Cooling Tower by VS-4 # 12	Position O/C V O/C	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 5 No. 1 1 2 3 4 4 5 6 7	System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1	Position O/C V O/C	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 5 6 6 7 8	System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2	Position O/C V O/C	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 5 No. 1 1 2 3 4 5 5 6 6 7 8 9	System MP-201 MP-200A MP-200B MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 East Side WT. by Multimedia Filters # 3	Position O/C V O/C	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 5 No. 1 1 2 2 3 4 4 5 5 6 6 7 8 9 10	System MP-201 MP-200A MP-200B MP-200C MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Shop Drive Way #8 West Side Power Block by VS-3 #9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters #3 East Side W.T. by Multimedia Filters #5	Position O/C V O/C	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 5 6 7 8 9 9 10 11 1	System MP-200A MP-200B MP-200B MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Blda 10 # 6	Locked	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 5 5 6 7 8 9 10 11 12	System MP-200A MP-200B MP-200C MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	Locked	V O/C V O/	Deluge Sy Locked	ystem	Comments
No. 1 2 3 4 4 5 5 No. 1 1 2 3 4 4 5 6 6 7 8 9 10 11 12 12	System MP-200A MP-200B MP-200C MP-200C MP-200D System Fire Pump House Deluge System Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage #2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	Locked	V O/C V O/	Deluge Sy Locked	ystem	Comments





Fire Pullip Weeki	y rest 109
General Inform	
Plant: Alpha □ Beta 🔽	Date: 9/14/24
Operator: Anthony	*To be completed each time unit is operated.
Reason for running pumps: Weekly test Maintenance	□ Emergency □
Jockey Electric	Pump Pump
Pre-start Inspection: Electrical Feed Mechanical	Valves 🖟
Check the jockey pump on pressure drop. Start up pressure: 155	
Discharge Pressure: 162	
	scharge pressure: —
Comments:	
Electric Put	
Pre-start Inspection: Electrical Feed Mechanical Mechanical	Valves 🛮
Start the pump on pressure drop. Start up pressure: 145	
Start time: 2257	
Pump Suction Pressure: 20 Pump Disc	charge pressure: 150
Stop time: 2307 Total time running /	o min
Comments:	
Diesel Pui	The state of the s
Pre-start Inspection: Coolant Oil Mechanical	
Tuel level > 2/3. Tes = 1.00	Fuel Consumption:
Battery voit Crank in Sattery voit	ittery Condition: Good
Starting nour meter. [30 , 5]	art time:
Oil pressure start.	il Pressure finish:
Pump Suction Pressure: Pump D	ischarge 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 wi	eight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and c of hours necessary to comply with the testing requirements of the National Fire Protection Association (I (current edition). The hours of operation for source testing will not be counted towards either of the allowards. Note: Fuel consumption 27 gal/ h approximately.	NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire System



The tump wee	
General Info	
Plant: Alpha 🗹 Beta 🛚	Date: 9/8/20
Operator: Poy	*To be completed each time unit is operated.
Reason for running pumps: Weekly test Maintenand	
Jockey Electr	
Pre-start Inspection: Electrical Feed Mechanical	
Check the jockey pump on pressure drop. Start up pressure: /	5%
Discharge Pressure: // Z	
Pump Suction Pressure: Pum	np Discharge pressure:
Comments:	
Electric I	
Pre-start Inspection: Electrical Feed 🗹 Mechanical	☐ Valves L/
Start the pump on pressure drop. Start up pressure:	
Start time: Z107	50
Tamp Sacreting	p Discharge pressure: 150
Stop time: 717 Total time runn	ing /DMM
Comments:	
Diesel I	Dumn
OUT Machanian	
FIE-Start Inspection.	nthly Fuel Consumption:
ruer level > 2/3. Tes E Tro	Battery Condition:
Battery volt Crank 1: Battery volt Crank 2:	Start time:
Starting hour meter:	Oil Pressure finish:
Oil pressure start:	mp Discharge pressure:
Pump Suction Fressure.	mp Discharge process
Coolant temperature after 30 minutes running:	Total time running:
Stop time: Stop hour meter:	rotal time running.
Comments:	
* 1	(Falsa leggie)
Sulfur Concentrations (less than or equal to 0.0015% on a weight per his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined a his new direct drive fire pump engine shall be limited to use for emergency for initial dark any testing.	
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined a more than 30 minutes in any one hour and no more than 10 hours per year for initial start -up testing of hours necessary to comply with the testing requirements of the National Fire Protection Associal (current edition). The hours of operation for source testing will not be counted towards either of the Note: Fuel consumption 27 gal/h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	ion (NFPA) 25 - "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"



	Experience of the control of the con
General Info	1 1/2 /2
Plant: Alpha □ Beta ☑	Date: 9/20/24
Operator: Taylor	*To be completed each time unit is operated.
Reason for running pumps: Weekly test 🗸 Maintenance	☐ Emergency □
Jockey Electri	
Pre-start Inspection: Electrical Feed ☐ Mechanical ☐	Valves □
Check the jockey pump on pressure drop. Start up pressure:	
Discharge Pressure:	
rump suction i ressure.	ischarge pressure:
Comments: Need to be showen	
Electric Po	ımp
Pre-start Inspection: Electrical Feed ☐ Mechanical ☐	Valves □
Start the pump on pressure drop. Start up pressure:	
Start time:	
Pump Suction Pressure: Pump Dis	scharge pressure:
top time: Total time running	
Comments: need to be 6hower	
Diesel Pu	ımp
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: B	attery Condition:
Starting hour meter:	tart 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: Not Runing until futher notice	,
Sulfur Concentrations (less than or equal to 0.0015% on a weight per w	reight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as it more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and of hours necessary to comply with the testing requirements of the National Fire Protection Association (current edition). The hours of operation for source testing will not be counted towards either of the allow other Fuel consumption 27 gal/ h approximately.	n response to a fire or due to low fire water pressure. In addition, this engine shall be operated no compliance demonstrations. Additionally, this engine shall not be operated more than the numbe (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems'



General Inf	formation
Plant: Alpha ᡚ Beta □	Date: 0/20/24
Operator:	To be completed each time unit is operated.
Antone Mailigs	The NFPA Form AES 5.1 must be completed weekly.
Reason for running pumps: Weekly test Mainten	
Jockey Elec	
Pre-start Inspection: Electrical Feed Mechanic	
Check the jockey pump on pressure drop. Start up pressure:	165
Discharge Pressure:	
Pump Suction Pressure:	Pump Discharge pressure: 1
Comments:	
Electric	
Pre-start Inspection: Electrical Feed ☐ Mechani	cal 🗆 Valves 🗆
Start the pump on pressure drop. Start up pressure:	
Start time:	D' La company de
Pullip Suction Fressure.	ump Discharge pressure:
Stop time: Total time ru	inning
Comments: Failed test, lost Power to	fire house
	Pump
Pre-start Inspection: Coolant 🗹 Oil 🗹 Mechan	ical 🔽 Valves 🖟 Water Jacket Heater 🖫
	Nonthly Fuel Consumption:
Battery volt Crank 1: Battery volt Crank 2:	Battery Condition: Correction
Starting hour meter: 132.6	Start time: 2344
Oil pressure start:	Oil Pressure finish: 46
Pump Suction Pressure:	Pump Discharge pressure: 120
Coolant temperature after 30 minutes running: 257	
Coolaire terriber and	ປ _{າທຸກ} ຽ January 1 st hour meter: Total YTD hours:
	∧ MIN N
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight	per weight basis).
	to design a service of the 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 nours per year for initial start-up	on Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fi
Systems" (current edition). The hours of operation for source testing will not be counted toward. Note: Fuel consumption 27 gal/ h approximately.	is either of the allowable afth dai illing above.
There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	



Automated Fire Systems Inspection Checklist

BETA: Date: 9/2/24 Operator An Hony V. Plant: ALPHA 🗆 Valve Shed # 1 by Condenser Comments Viv. Pos. | Signage Locked PSI System Y D N D Valved O/C Y D ND SG Unit 1 0/5 Y D N D 155 SG Unit 2 Reheaters 10/0 V Rack 2 West HTF V6/C 60 valved out Rack 2 East HTF YEND North Steel Pro V 155 V/C VIVE Shed # 2 by Overflow **V**0/C YOND HTF Pumps YEND B1-8 HTF Heaters 8 B1-0 South Steel Pro YEND Lube Oil YZNO B1-1 Turbine Hose Stations 11 Turbine Bearings Comments Locked Signage Viv. Pos. PSI YND System VO/C v No. 165 YDND Expansion Vessels 160 YDND Ullage Area V0/0 V 82-1 Ullage Structure V8/C L 16/0 Rack 1 Middle Area YEND 82-9 Overflow Tanks 10/C 60 YEND Rack 1 South Area YEND Rack 1 West V0/C YO NO Rack 1 North Area 010 O/C 8 YO NO Over flow AFFF O/C 9 Valve Shed # 3 by Bldg 35 GE Electrical Bldg Expansion Vessel AFFF B2-3 10 Comments Viv. Pos. | Signage PSI Valve Shed # 4 by Cooling Tower West Side System YOND Transformer Aux Transformer Main Comments Viv. Pos. Signage PSI Valve Shed # 5 by Control Bldg 10 System No. Cooling Tower West Side Comments Viv. Pos. Signage Locked PSI Y 10 N O System V 68 VOIC No. V Control Room Turbine Sprinkler Valves (These are to be locked in the open position) 84-3 Offices Electrical Room 3 Locked Viv. Pos. System No. Bearing 2 YDNO VO/C Bearing 3 YOUNG VOIC HTF Deluge System Valves (To be Locked in the Open Position) Bearing 4 Bearing 5 4 Comments Locked Viv. Pos. System AUNO OVC No. MP-201 Y D NO O/C MP-200A Y D NO O/C MP-200B MP-200C 4 Fire Pump House Deluge System MP-200D Comments O/C Locked PSI System YON open 185 Fire Pump House Deluge PIV Checks Comments Cycled Position Cycled No. O/CV Maintenance Shop Drive Way #7 0/0 Maintenance Shop Drive Way #8 V0/C 2 West Side Power Block by VS-3 # 9 10/0 West Side Power Block by VS-1 # 10 V0/C West Side Cooling Tower by VS-4 # 1 West side Cooling Tower by VS-4 # 12 VOIC N.W. Corner Chemical Storage #1 0/0 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 V9/C East Side W.T. by Multimedia Filters # 5 V 0/C North Side Bldg 10 # 6 DICU Between MP-444's and Water Treat # 4 V 0/0 12 To Be Cycled First Saturday of Every Month West Side Power Block Valve Shed #1 Comments / Actions G70-16-0040-MT-FOR-0000-7 G70-No0040-MT-FOR-000027 Automated Psystems Inspection Checklist Debris Y D N D 1 of 1Revised 09/24/2019 Page 380 of 1228 Transformer Yard Refuse Check



Transformer Yard Refuse Check

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

BETA: Date: 9,21,24 Operator Marcelino S. Plant: ALPHA Valve Shed # 1 by Condenser Comments Locked Viv. Pos. Signage PSI System YZND Ø/C SG Unit 1 YDYND Ø/C 155 B1+2 SG Unit 2 YZND 3 Reheaters YZND 160 Rack 2 West HTF YRND ØIC 160 Rack 2 East HTF YEND 201C 160 North Steel Pro YZND g//c 160 B1-7 HTF Pumps YEND 8 HTF Heaters VEND 160 South Steel Pro YEND Ø/C Lube Oil B1-10 YZND Ø/C Turbine Hose Stations 11 YZND Valve Shed # 2 by Overflow 12 Turbine Bearings Comments Viv. Pos. Signage PSI System No. 160 Ø/C Expansion Vessels YEND 155 Ullage Area BIC BIC BIC YPIND B2-11 Ullage Structure YEND 160 Rack 1 Middle Area YE NO 160 Overflow Tanks 160 Rack 1 South Area B2-6 6 YZN D/C 170 Rack 1 West YZND Ø/C Rack 1 North Area YZNO P17 Over flow AFFF 0/9 Expansion Vessel AFFF 10 **GE Electrical Bldg** Valve Shed # 3 by Bldg 35 Comments Locked PSI Viv. Pos. Signage System No. 155 Transformer Aux Valve Shed # 4 by Cooling Tower West Side YDENO Transformer Main Comments Viv. Pos. Signage PSI System No. YZ NO 160 Ø/C Y 図 Valve Shed # 5 by Control Bldg 10 Cooling Tower West Side Comments Viv. Pos. Signage Locked PSI System No. DIC 160 Control Room YEND Turbine Sprinkler Valves (These are to be locked in the open position) Offices B4-3 Electrical Room Locked Viv. Pos. No. 0/0 YZND Bearing 2 YEND Bearing 3 Y D N D 20/0 3 Bearing 4 VEY N Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Locked Viv. Pos. System No. YEND 8/C MP-201 YEND MP-200A YEND Ø/C MP-200B YZNO 0/0 MP-200C 4 Y DY N D MP-200D Fire Pump House Deluge System Comments O/C Locked PSI System YZNO PIV Checks 185 Fire Pump House Deluge Comments Cycled **Position** No. System 0/9 Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 \$/C West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 East Side W.T. by Multimedia Filters # 5 10 North Side Bldg 10 # 6 11 Between MP-444's and Water Treat # 4 0/0 12 West Side Power Block Valve Shed #1 G70-16-0040-MT-FOR-000027 Automated Fire Systems Inspection Chec ToxBe Cycled First Saturday of Every Month Comments / Actions 38 970-16-9040-14 FOR-00000-7 Y | PAGE 1 of TRevised 09/24/2019 No.



The tamp to	
General 1	Information
Plant: Alpha ₩ Beta □	Date: 0/22/24
Operator:	To be completed each time unit is operated. The NFPA Form AES 5.1must be completed weekly.
Antone Phillips Maint	tenance Emergency
Reason for fullling pumps: Weekly test =	lectric Pump
	anical 🗆 Valves 🗆
Pre-start Inspection.	ATTION D
Check the jockey pump on pressure drop. Start up pressu	ne.
Discharge Pressure:	Pump Discharge pressure:
Pump Suction Pressure:	Pump discharge pressure.
Comments:	
Clore	tric Pump
the Market	anical D Valves D
Pre-start inspection.	anical B venes =
Start the pump on pressure drop. Start up pressure: 15	bri
Start time: 2151	Pump Discharge pressure: (1)
Pump Suction Pressure: 5 Stop time: 2.2 p.1 Total time	
Stop time. 7201	erunning 10 m/nS
Comments: A-FP9-AV8-11 leaking by	
	sel Pump
Pre-start Inspection: Coolant □ Oil □ Mech	nanical 🗆 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	e: January 1 st hour meter: Total YTD hours:
Stop time.	
Comments:	
Sulfur Concentrations (less than or equal to 0.0015% on a weight	aht per weight basis).
	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 star	tection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fi
Note: Fuel consumption 27 gal/ h approximately.	wards either of the allowable ann uai iimits above.
There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	



General Info	rmation					
Plant: Alpha 🗆 Beta 🔽	Date: 9/27/24					
Tidite 7 spris =	*To be completed each time unit is operated.					
Operator: Taylor Reason for running pumps: Weekly test Maintenance	_					
Reason for running pumps: Weekly test Maintenance Jockey Electric						
Fie-start hispection.	Valves L					
Check the jockey pump on pressure drop. Start up pressure:						
Discharge Pressure:	Discharge pressure:					
Tump suction i ressure.	viscilarge pressure.					
Comments: Need to be shower						
Electric P	ump					
Pre-start Inspection: Electrical Feed Mechanical] Valves □					
Start the pump on pressure drop. Start up pressure:						
Start time:						
Pump Suction Pressure: Pump Di	scharge pressure:					
top time: Total time running						
Comments: need to be Showen						
Diesel Po	итр					
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:					
	Start time:					
	Oil Pressure finish:					
Pump Suction Pressure: Pump Discharge pressure:						
Coolant temperature after 30 minutes running:						
Stop time: Stop hour meter: Total time running:						
Comments: Not Runing until futher notice						
Sulfur Concentrations (less than or equal to 0.0015% on a weight per v	veight basis).					
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as i more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and of hours necessary to comply with the testing requirements of the National Fire Protection Association (current edition). The hours of operation for source testing will not be counted towards either of the allow ote: Fuel consumption 27 gal/ h approximately.	in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no I compliance demonstrations. Additionally, this engine shall not be operated more than the number (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"					



No.

Transformer Yard Refuse Check

Automated Fire Systems Inspection Checklist

BETA: Date: 9.78-24 Operator Marcel NOS, Plant: ALPHA Valve Shed # 1 by Condenser Locked Y Z N 🗆 Comments Viv. Pos. Signage PSI System Ø/C SG Unit 1 YND SG Unit 2 YZND Ø/C 160 Reheaters YE NO 160 B1-4 Rack 2 West HTF YZND Ø/C Rack 2 East HTF B1-VIND 160 D/C North Steel Pro YZNO 81-7 160 HTF Pumps YDND D/C 8 HTF Heaters YZNO p/c 100 South Steel Pro YZNO D/C 00 B1-10 10 Lube Oil YZND Ø/C **Turbine Hose Stations** YDYNO 11 Valve Shed # 2 by Overflow 12 Turbine Bearings Comments Viv. Pos. Signage Locked PSI System No. Y D N D Ø/C **Expansion Vessels** YEND Ø/C 180 Ullage Area YORND 160 Ø/C Ullage Structure YZND Ø/C Rack 1 Middle Area B2-5 YZND Ø/C Overflow Tanks YEND Ø/C 60 Rack 1 South Area YOND Ø/C Rack 1 West YEND Ø/C 160 Rack 1 North Area YEND 019 00 Over flow AFFF B2-8 YEND OID Expansion Vessel AFFF Bldg 35 GE Electrical Bldg 10 Valve Shed # 3 by Comments Viv. Pos. Signage Locked PSI System YZINO Transformer Aux YZND 160 Transformer Main Valve Shed # 4 by Cooling Tower West Side Comments PSI Viv. Pos. Signage System No. Cooling Tower West Side Valve Shed # 5 by Control Bldg 10 Comments Viv. Pos. Signage Locked PSI System No. 160 Control Room 160 B4-3 Offices Turbine Sprinkler Valves (These are to be locked in the open position) -Electrical Room Locked Viv. Pos. No. YZND Ø/C Bearing 2 YZND Bearing 3 Ø/C YZIND 3 Bearing 4 YZIND HTF Deluge System Valves (To be Locked in the Open Position) 4 Bearing 5 Comments Locked Viv. Pos. System No. Y D N D MP-201 Q/C MP-200A YEND 00/10 MP-200B 3 YOND O/C MP-2000 YE NO MP-200D 5 Fire Pump House Deluge System Comments Locked O/C PSI System YZND 0 190 Fire Pump House Deluge **PIV Checks** Comments **Position** Cycled No. System 0/4 Maintenance Shop Drive Way #7 Maintenance Shop Drive Way #8 2 West Side Power Block by VS-3 # 9 \$1C West Side Power Block by VS-1 # 10 4 Ø/C West Side Cooling Tower by VS-4 # 11 Ø/C West side Cooling Tower by V5-4 # 12 N.W. Corner Chemical Storage #1 Ø/C N.E. Corner Chemical Storage # 2 Ø/C East Side W.T. by Multimedia Filters # 3 Ø/C East Side W.T. by Multimedia Filters # 5 10. North Side Bldg 10 # 6 11 0/2 Between MP-444's and Water Treat # 4 12 West Side Power Block Valve Shed #1 G70-16-0040-MT-FOR-000027 Automated Fire Systems Inspection Checkles Be Cycled First Saturday of Every Month Comments / Actions 770-16-9040-MJ-FOR-000027 Y | PROE1 of TRevised 09/24/2019



File Fullip Wee	
General Info	rmation
Plant: Alpha ☑ Beta □	Date: 9/29/24
Tranc. Topina 2	To be completed each time unit is operated.
Operator: Antone Phillips	The NFPA Form AES 5.1 must be completed weekly.
Reason for running pumps: Weekly test Maintenar	nce 🗆 Emergency 🗆
Jockey Election	
Pre-start Inspection: Electrical Feed 🔽 Mechanica	2 (** e -) K
Check the jockey pump on pressure drop. Start up pressure:	148
Discharge Pressure:	
Pump Suction Pressure:	ump Discharge pressure:
Comments:	e e
Electric	
Pre-start Inspection: Electrical Feed Mechanic	val Valves D
Start the pump on pressure drop. Start up pressure:	
Start time: 0023	. An
Pump Suction Pressure. Z	mp Discharge pressure: 60
Stop time: 0033 Total time rur	nning (0 min 5
Comments:	
Diesel	Pimp
	cal 🖫 Valves 🖫 Water Jacket Heater 🖳
Pre-start inspection.	Ionthly Fuel Consumption:
Fuel level > 2/3. Yes to No to	Battery Condition:
Datter)	Start time: 0000
Starting hour meter:	Oil Pressure finish:
Oil pressure start:	Pump Discharge pressure: 65
Pump Suction Pressure.	Fullip Discharge Process 6.1
Coolant temperature after 30 minutes running:	Lapuary 1st hour meter: Total YTD hours:
Stop time: 50) 5 Stop hour meter: Total run time: 6	พ.ing January 1st hour meter: Total YTD hours:
Comments:	
Fire I insection materialian and High	engine temperature
Sulfur Concentrations (less than or equal to 0.0015% on a weight t	per weight busing.
Sulfur Concentrations (less than or equal to 0.0013/3 of the stage of this new direct drive fire pump engine shall be limited to use for emergency fire suppression, defin no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up to number of hours necessary to comply with the testing requirements of the National Fire Protection Systems" (current edition). The hours of operation for source testing will not be counted towards Note: Fuel consumption 27 gal/ h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	on Association (NEPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Bases in



Transformer Yard Refuse Check

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Operator Anthon'IV BETA: Date: 9/29/24 Plant: ALPHA Valve Shed # 1 by Condenser Comments Locked Viv. Pos. | Signage Y ZZ N O System V0/C No. SG Unit 1 NOIC 60 YNN SG Unit 2 V6/C VOIC Reheaters V YEND Rack 2 West HTF 4 VOIC 60 YDNO Rack 2 East HTF 0/0 North Steel Pro YND V0/9 YEND 160 HTF Pumps YDND HTF Heaters VOIC YDNO South Steel Pro SIC V Lube Oil 10 VO/C Turbine Hose Stations B1-11 Valve Shed # 2 by Overflow Turbine Bearings 12 Comments Locked Viv. Pos. | Signage PSI YD NO System 0/C 0/C No. Expansion Vessels 163 YDNO Uliage Area B2-2 2 V Ullage Structure 165 DIC YDND Rack 1 Middle Area VOIC YOND Overflow Tanks 160 Rack 1 South Area B2-6 VO/C 160 YDND Rack 1 West 82-V Rack 1 North Area YD ND 1010 8 O/C -Over flow AFFF B2-8 VD ND OK Valve Shed # 3 by Bldg 35 GE Electrical Bldg Expansion Vessel AFFF B2-Comments Viv. Pos. Signage Locked PSI YOND System V No. VOIC 60 Valve Shed # 4 by Cooling Tower West Side Transformer Aux Transformer Main Comments Viv. Pos. Signage PSI Valve Shed # 5 by Control Bldg 10 System Cooling Tower West Side Comments PSI Viv, Pos. Signage Locked YDND System JOIC V No. Control Room Turbine Sprinkler Valves (These are to be locked in the open position) Offices Electrical Room Locked Viv. Pos. YDND O/C No. Bearing 2 Bearing 3 Bearing 4 3 HTF Deluge System Valves (To be Locked in the Open Position) Bearing 5 Δ Locked Viv. Pos. System YDND VO/C No. MP-201 MP-200A YEND O/C MP-200B YEND VOIC YD ND 1/0/C Fire Pump House Deluge System MP-2000 4 MP-200D Comments Locked System YZND No. open 190 Fire Pump House Deluge PIV Checks Comments Cycled **Position** Cycled No. OICL Maintenance Shop Drive Way #7 VO/C Maintenance Shop Drive Way #8 V0/C West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 10/C West Side Cooling Tower by VS-4 # 11 10/0 West side Coaling Tower by VS-4 # 12 VO/C 6 N.W Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 8 VO/C East Side W.T. by Multimedia Filters # 3 V0/C East Side W.T. by Multimedia Filters # 5 10 VO/C North Side Bldg 10 # 6 11 O/CV Between MP-444's and Water Treat # 4 12 To Be Cycled First Saturday of Every Month West Side Power Block Valve Shed #1 Comments / Actions G70-16-0040-MT-FOR-000027 570-1600040-MT-FOR-000027 Automated PSystemms Inspection Checklist Debris Y D N D 1 1Revised 09/24/2019 Page 386 of 1228



General Info	rmation
Plant: Alpha ᡌ Beta □	Date: 10/6/24
Operator: Marichno Scrabia	*To be completed each time unit is operated.
Reason for running pumps: Weekly test X Maintenance	e 🗆 Emergency 🗆
Jockey Electr	ic Pump
Pre-start Inspection: Electrical Feed ☐ Mechanical	□ Valves □
Check the jockey pump on pressure drop. Start up pressure:	55
Discharge Pressure: 162	
	np Discharge pressure: —
Comments:	
Electric F	
Pre-start Inspection: Electrical Feed 🔼 Mechanical	☑ Valves ☑
Start the pump on pressure drop. Start up pressure: 145	
Start time 23 05	
Pullip Suction Pressure.	Discharge pressure: 156
Stop time: 23/6 Total time runni	ng lovin
comments:	
Diesel F	
Pre-start Inspection: Coolant ☐ Oil ☐ Mechanical	
ruer level > 2/3. Tes E TT TT	nthly Fuel Consumption:
Battery Voit Crank 1. Buttery Voit Crank 1.	Battery Condition:
Starting hour meter.	Start time:
Oil pressure start.	Oil Pressure finish:
Pump Suction Pressure:	mp Discharge pressure:
Coolant temperature after 30 minutes running:	
Stop time: Stop hour meter:	Total time running:
Comments: Coolean Below min	* :
Sulfur Concentrations (less than or equal to 0.0015% on a weight per	weight basis).
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing a of hours necessary to comply with the testing requirements of the National Fire Protection Associati (current edition). The hours of operation for source testing will not be counted towards either of the Note: Fuel consumption 27 gal/ h approximately. ere is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]	s in response to a fir e or due to low fire water pressure. In addition, this engine shall be operated he and compliance demonstrations. Additionally, this engine shall not be operated more than the number ion (NFPA) 25 - "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems"



Transformer Yard Refuse Check

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA BETA: Date: 10/6/24 Operator Antone Valve Shed # 1 by Condenser Viv. Pos. Signage Locked Comments System No. **V**0/C SG Unit 1 VO/C Y D~N □ 60 SG Unit 2 **V**O/C YEND 5 160 Reheaters Y DV N D 4 Rack 2 West HTF VOIC YEND Rack 2 East HTF YDAND WO/C North Steel Pro YDNO 10/C 60 HTF Pumps YWND **1**0/0 60 HTF Heaters V0/C YOVNO South Steel Pro YEND V Lube Oil 10 VO/C Turbine Hose Stations 11 0/0 V YEND 60 Turbine Bearings 12 Valve Shed # 2 by Overflow PSI Viv. Pos. Signage Comments No. VO/C VO/C VO/C YDN Expansion Vessels YEND Ullage Area Ullage Structure YDOND Rack 1 Middle Area 160 VO/C Y D-N Overflow Tanks YOND 10/C 6 Rack 1 South Area YDOND Rack 1 West YEND VOIC A/B2-4 Rack 1 North Area YND V O/C X Over flow AFFF O/C X YEND Expansion Vessel AFFF 10 Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments Viv. Pos. | Signage | Locked System 1 Transformer Aux YOND VOIC Transformer Main Valve Shed # 4 by Cooling Tower West Side Comments Viv. Pos. Signage PSI System No. Cooling Tower West Side Valve Shed # 5 by Control Bldg 10 Comments PSI Viv. Pos. Signage Locked System No. Turbine Sprinkler Valves (These are to be locked in the open position) Control Room Offices Electrical Room Locked Viv. Pos. System Y N D VO/C No. Bearing 2 Bearing 3 Y IN N I VO/C Bearing 4 HTF Deluge System Valves (To be Locked in the Open Position) Bearing 5 4 Comments Locked Viv. Pos. No. System YND VO/C MP-201 YVO NO VO/C MP-200A Y N D O/C MP-200B 4 MP-2000 YOND LOK MP-200D Fire Pump House Deluge System Comments O/C PSI YIDNO Fire Pump House Deluge 140 PIV Checks Date Comments **Position** Cycled System O/CX Warehouse/Maintenance Shop Drive Way #7 **1**0/C Warehouse/Maintenance Shop Drive Way #8 **V**O/C West Side Power Block by VS-3 # 9 V0/0 West Side Power Block by VS-1 # 10 4 West Side Cooling Tower by VS-4 # 11 10/C West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 10/0 N.E. Corner Chemical Storage # 2 8 East Side W.T. by Multimedia Filters # 3 V0/0 9 V0/0 East Side W.T. by Multimedia Filters # 5 10 10/0 North Side Bldg 10 # 6 O/C Between MP-444's and Water Treat # 4 12 Beta Only West Side Power Block Valve Shed #1 0/0 To Be Cycled First Saturday of Every Month Page 388 of 1228 FO-O&M-MJV-104 Automated Fire Systems Inspection Checklist Comments / Actions FO-08M-MJV-104 System



Automated Fire Systems Inspection Checklist

		Valve Sh	ed # 1 b	y Conden	ser	Comments
	- NO FORMAL	PSI	Viv. Pos	. Signage	Locked	Commence
).	System	160	V 0/C	1	YPND	
	Unit 1 B1-1	160	J 0/C	J	Y V N D	
50	5 Unit 2 B1-2	166	V 0/C		YO'ND	
Re	eheaters B1-3	165	/ O/C	V	YIN	
Ra	ack 2 West HTF B1-4	1/ata	V 0/C	V	Y M N D	
	ack 2 East HTF B1-5	100	/ O/C		YZND	
	orth Steel Pro B1-6	160	₩ 0/C	1	Y N D	
	TF Pumps 81-7	160	-	V	YUND	
	TF Heaters B1-8	160	-	- /	YEND	
	outh Steel Pro B1-9	160	√ O/C	7	Y N O	
	ube Oil B1-10	160	J 0/C		YEND	
	urbine Hose Stations 81-11	160	√ O/C	7	YND	
	Orbitie 1.444	160	V 0/C			
2 T	urbine Bearings 81-12	Valve S		by Overf	low	Comments
	System	PSI	Viv. Po	-	e Locked Y ☑ N □	
0.		1/05	V 0/C	0		
	xpansion Vessels 82-1	165	√ O/C	V	YZND	
	Illage Area B2-2	160	J 0/0	1	YMND	
3 L	Jllage Structure 82-11	160	1 0/0		YMND	
4 R	Rack 1 Middle Area 82-5	160	1 0/0		Y V NO	
	Overflow Tanks B2-9	160	/ 0/0		YMN	
	Rack 1 South Area B2-6		2 0/0	-	Y 🗹 N 🗆	
	Rack 1 West 82-7	160	10/0		Y V N	
	Rack 1 North Area B2-4	160	0/0		YOND	
9 (Over flow AFFF B2-8		0/0		YONO	
9	Expansion Vessel AFFF 82-3		0/0	35 CE EL	octrical Bldg	
10	Expansion vesser Air 1	Valve Shed # 3	by Blag	35 GE EI	ge Locked	Comments
	System	PSI	Viv. P		YE NO	
No.		Ilac	0/1		YEND	
_	Transformer Aux	lleb	V 0/		Mina Side	
2	Transformer Main	Valve Shed # 4	by Coo	ling Tow	er west side	Comments
	5000	PSI	Viv. F	os. Signa	de I	
No.	System	100	10/	C	YDND	
1	Cooling Tower West Side	Valve She	ed # 5 b	y Control	Bldg 10	Comments
		PSI	Viv.	Pos. Signa	de Procken	
No.	System	160	V 0/		YEND	
	Control Room 84-5	160	10/		YZND	
2	Offices 84-3			No. of the last of	YMND	
3	Electrical Room 84-4	IDU	Thorn as	o to be lo	cked in the c	pen position)
	 Turbine Spr 	inkler Valves (d Viv.	Por l		Comments
No.	System	Locke				
140.	Bearing 2	Y	U V O	16		
2	Bearing 3	YWN	0 /0	10		
2	Parving 4			7.2		
3	bearing 4	uge System Va		La La elso	d in the One	n Position)
4	Bearing 5 HTF Del	uge System Va	ives (10	be Locke	u iii tile ope	Comments
	System	Locke	d VIV.	PUS.		25-20 A 124 A
No.		YEN		/C		
1	MP-201	YUN	I V C	/C		
2	MP-200A	YEN)/C		
3	MP-2008	YON				
4	MP-200C	VD	UTI V C	VC.		
5	MP-200D	Eiro Du	mp Hou	se Deluge	System	
	1200					Comments
	System	PSI			ked	
No.		190	100	en Y E	ND	
1	Fire Pump House Deluge	170		Checks		
				1 0	ate	Comments
NI.	System	Positi	ion Cy	cled Cv	cled	
No.		0/	C 🗸			
1 -	Maintenance Shop Drive Way #7	V 0/				
2	Maintenance Shop Drive Way #8	V 0/				
3	I West Side Power Block by VS-3 # 9	7 0/				
4	Most Side Power Block by VS-1 # 10					
5	West Side Cooling Tower by VS-4 # 11					
6	West side Cooling Tower by VS-4 # 12	V 0/				
	N.M. Corner Chemical Storage #1	V 0/				
7	N.E. Corner Chemical Storage # 2	V 0/				
8	East Side W.T. by Multimedia Filters # 3	√ 0/				
9	East Side W.T. by Multimedia Filters # 5	V 0	/C			
10	East Side W. I. by Multimedia Filters # 3	V 0				
11	North Side 8ldg 10 # 6		/CV			
12	Between MP-444's and Water Treat # 4	1	1.4			14
	West Side Power Block Valve Shed #1		d Eirct	Saturday o	of Every Mon	Comments / Actions
13	WEST DIGCT OFF	To Be Cycle	u rust.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Comments / Actions



		General Info	mation	
Plant: Alpha □	Beta 🗹		Date: 10/7/24	
Operator: An Hony	1/2		*To be completed	d each time unit is operated.
Reason for running pumps:	Weekly test	Maintenance	☐ Emergency ☐	
Reason for furning pamps.	principal in the	Jockey Electr	c Pump	
Pre-start Inspection: Elec	trical Feed	Mechanical 🛚	/	
Check the jockey pump on p		ip pressure: 15		
Discharge Pressure: 163				
Pump Suction Pressure: —		Pump [ischarge pressure:	
Comments:				
Comments.				
		Electric P	ımp	
Pre-start Inspection: Ele	ctrical Feed 🗹	Mechanical [Valves 🛭	
Start the pump on pressure	drop. Start up pressi	ure: 145		
Start time: 23/5				
Pump Suction Pressure: 15		Pump D	scharge pressure: 50	
Stop time: 2325	Tota	al time running		
Comments:				
		Diesel P		Jacket Heater □
The state inspection	olant 🛘 Oil 🗆	Mechanical		Jacket Heater D
Fuel level > 2/3: Yes □	No 🗆		Fuel Consumption:	
20.000	Battery volt Crank 2:		attery Condition: tart time:	
Starting hour meter:			oil Pressure finish:	
Oil pressure start:				
Pump Suction Pressure:		Pump	Discharge pressure:	
Coolant temperature after 3	30 minutes running:			
Stop time:	Stop ho	ur meter:	Total time r	running:
Comments:				
Sulfur Concentrations (less tha	n or equal to 0.0015%	on a weight per	veight basis).	
his new direct drive fire pump engine shall be	e limited to use for emergency fir o more than 10 hours per year for g requirements of the National F ource testing will not be counted tely.	e suppression, defined as initial start-up testing an ire Protection Association towards either of the allo	n response to a fire or due to low fire wat compliance demonstrations. Additionally, (NFPA) 25-"Standards for the Inspection,	er pressure. In addition, this engine shall be operated no this engine shall not be operated more than the numbe Testing, and Maintenance of Water Based Fire Systems



Automated Fire Systems Inspection Checklist

		Valve She	a#1by	Congens	er Lasterd 1	Comments
No.	System		Viv. Pos.	Signage	Locked Y D N D	Commencs
1	SG Unit 1 4.31 Y	100	O/C		Y D N D	
2	SG Unit 2 9.31 2	100	O/C		YD ND	
3	Reheaters A.B. 3	160	0/C		YO NO	
4	Rack 2 West HTF AB 4	lleo	0/0		YO NO	
5	Rack 2 East HTF 4,315	160	O/C		YONO	
6	North Steel Pro A/B1-6	(00	O/C		Y D N D	
7	HTF Pumps A/B1-7	lud	O/C		170.00	
8	HTF Heaters 4/81/4	140	0/0		YOND	
9	South Steel Pro A/81 9	100	O/C		YO NO	
10	Lube Oil A,B1-10	16074	O/C		YOND	
11	Turbine Hose Stations A/B1-11	100	O/C		Y D N D	
12	Turbine Bearings A 3 1 12	140	O/C		Y D N D	
	The state of the s	Valve Sh	ed # 2 by	Overflow		SALESCONO COM
No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels A/B2-1	166	O/C		YDND	
2	Ullage Area A/B2-2	1106	O/C		Y D N D	
3	Ullage Structure A/82-11	160	O/C		YONO	
4	Rack 1 Middle Area A/B2-5	160	O/C		YONO	
		760	O/C		YO NO	
5		160	O/C		YONO	
6	110001	100	O/C		YDND	
7	The second secon	160	O/C		YONO	
8	Charles 1 Company and persons	10	O/C V	V.	YMND	10to out
9	PARTITION LAFEE A/DO 3	0	O/C V	V	YEND	11 (1
10	Expansion Vessel AFFF A/B2-3	Shed # 3 b	v Blda 3		trical Blda	
		PSI	Viv. Pos.		Locked	Comments
No.	System	160	V 0/C	V	YDNO	
1	Transformer Aux	160	1/0/C	V	YZNO	
2	Transformer Main	Shed # 4 b	v Coolin			
		PSI PSI	Viv. Pos.	Signage		Comments
No.	System	160	VO/C	Jighage	YDND	
1	Cooling Tower West Side	Valve Shed	# E by C			
				Signage	Locked	Comments
No.	System	PSI			YDND	
1	Control Room A/B4-5	140	V 0/C	W	YEND	
2	Offices A/84-3	160	1 0/C	~	YEND	
3	Electrical Room A/84-4	160	V 0/C	V halaske	d in the s	nen nosition)
	Turbine Sprinkler	vaives (The	se are to	DE IOCKE	a in the of	Comments
No.	System		Viv. Pos.		A PARTY TO	Commence
1	Bearing 2	YZ/NO				
2	Bearing 3	Y M / N D				
3	Bearing 4	Y D N D				
4		Y DY N D	/ O/C			D-Main N
	Bearing 5 HTF Deluge S	ystem Valve	s (To be	rocked II	the Open	Position)
No.	System		Viy. Pos.		- 0	Comments
1	MP-201	YO, NO		mis;	sing H	ed tics.
2	MP-200A	YZNO	V-0/C		1	
3	MP-2008	Y ZI N D	√ O/C			
4	MP-200C	YDND				
	MP-200D	Y TO NO	V/ O/C			
5	IIII 4400	Fire Pump	House D	Deluge Sy	stem	
	THE STATE OF STREET STATE OF STREET	PSI	0/0	Locked		Comments
No.	System		0/0		,	
1	Fire Pump House Deluge	190	0	YONE	<u></u>	
			PIV Che	CK5		The second secon
Me	System	Position	Cycled	Date Cvcled		Comments
No.		QK V	4	Cvcied		
11	Warehouse/Maintenance Shop Drive Way #7	.NO/C				
2	Warehouse/Maintenance Shop Drive Way #8		-	-		
3	West Side Power Block by VS-3 # 9	V 0/C	-	-	+	
4	West Side Power Block by VS-1 # 10	V, O/C	-		+	
5	West Side Cooling Tower by VS-4 # 11	V 0/C	-		+	
-6	West side Cooling Tower by VS-4 # 12	VAIC	+			
	N.W. Corner Chemical Storage #1	V O/C			+	
7	N.E. Corner Chemical Storage # 2	VOIC				
		V,0/C				
8	East Side W.T. by Multimedia Filters # 3		1			
8		V 0/C				
8 9 10	East Side W.T. by Multimedia Filters # 5	V 0/C				
8 9 10 11	East Side W.T. by Multimedia Filters # 5 North Side Bidg 10 # 6	V 0/C				
8 9 10 11 12	East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	0/C V				
8 9 10 11 12 13	East Side W.T. by Multimedia Filters # 5 North Side Bldg 10 # 6 Between MP-444's and Water Treat # 4	√ 0/C 0/C ₩		day of Ev	ery Month	Page 391 of 1228 Comments / Actions



General Information					
Plant: Alpha 🗆 Beta 🗷	Date: 10 12 24 ·				
Operator: Extel	*To be completed each time unit is operated.				
	nce Emergency—				
Jockey Elec	tric 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: Ω/A Pump	Discharge pressure: (-)				
Comments:					
Electric					
Pre-start Inspection: Electrical Feed Mechanical					
Start the pump on pressure drop. Start up pressure: 145	2				
Start time: 19.08) (0				
Tamp saction 1 costs 1	Discharge pressure: 150				
op time: 19:18. Total time runnin	g (<i>C</i>				
Comments:					
Diesel	Pump				
Pre-start Inspection: Coolant Oil Mechanical	Valves Water Jacket Heater				
46	nly Fuel Consumption:				
Battery volt Crank 1: 26 7 Battery volt Crank 2: 26.7	Battery Condition:				
Starting hour meter: 136.6	Start time: ECP				
Oil pressure start: N/A	Oil Pressure finish: A/A				
Pump Suction Pressure: — Pump Discharge pressure: —					
Coolant temperature after 30 minutes running:					
Stop time: N/A Stop hour meter: 136. 6 Total time running: 11/A					
Comments:					
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).					
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. 2: Fuel consumption 27 gal/ h approximately. 2re is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]					



General Information					
Plant: Alpha Beta 🗆	Date: 10112124 -				
Operator: Tylek C	*To be completed each time unit is operated.				
	nce Emergency				
Jockey Elec	tric Pump				
Pre-start Inspection: Electrical Feed Mechanica	Valves D				
Check the jockey pump on pressure drop. Start up pressure:	155				
Discharge Pressure: (& 2					
Pump Suction Pressure: Ω/A	ımp Discharge pressure: 1 & 2				
Comments:					
Electric	_/				
Pre-start Inspection: Electrical Feed Mechanica	al D Valves D				
Start the pump on pressure drop. Start up pressure: 145					
Start time: 20:15	Di La caracteria de la				
Pump Suction Fressure. 12	mp Discharge pressure: 150				
Ctop time: 201.25 Total time run	ning (🖒				
comments:					
Diesel	Pump				
Pre-start Inspection: Coolant Oil Mechanic	al Valves Water Jacket Heater B				
Fuel level > 2/3: Yes No D Mo	onthly Fuel Consumption:				
Battery volt Crank 1:96.6 Battery volt Crank 2: 26.6	Battery Condition:				
Starting hour meter: 1327	Start time: n/n				
Oil pressure start: 1919 —	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 p	er weight basis).				
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated in more than 30 minutes in any one hourand 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 numb 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 System (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. is no limit on engine operation for emergency use, [Title 17 CCR 93115,6(a)(4)]					



Automated Fire Systems Inspection Checklist

		Valve She	Viv. Pos.	Signage	Locked	Comments
	System	PSI	d/C	Jighage	Y D N D	
	SG Unit 1 B1 1	155	d/C	~	VI NO	
	SG Unit 2 81-2	140	d/c	1	YUND	
	Reheaters B1-3	122	0/0	V	YDND	
- 1	Rack 2 West HTF B1-4	160	d/c	-	YE NO	
	Rack 2 East HTF B1-5	122	dic		YOND	needs lock
	North Steel Pro B1-6	155	1	-	Y D N D	7
	HTF Pumps 81-7	185	d/C	1	Y D ND	
	HTF Heaters B1-8	155	Q/C		Y NO	100 ysl
	South Steel Pro 81-9	188	0/C	/	Y NO	100/51
_	Lube Oil B1-10	188	Q/C		YO NZ	needs Lock
-	Turbine Hose Stations. B1-11	155	Φ/C	/		Journ's Local
_	Turbine Bearings B1-12	150	Φ/⊂	1		
12	Turbine bearings	Valve S		y Overfl	3W	Comments
_	System	PSI	Viv. Pos	. Signage	Locked	
lo.		140	Φ/C		Y P N D	
	EXPENSION	155	Q/C	~	Y T N D	
2	Ollage vice	185	Φ/C	~	YT NO	
3	Ullage Structure 82-11	155	Q/C		YOND	
4	Rack 1 Middle Area 82-5	155	Ø/C		YO NO	
5	Overflow Tanks 82-9	140	Q/C		Y II N I	
6	Rack 1 South Area 82-6	140	Q/C	~	Y D N C	
7	Rack 1 West B2-7	100	₫/C	/	Y D N C	1015.60
8	Rack 1 North Area 82-4	100	0/4	V	Y I N	LOD in place
9	Over flow AFFF B2-8	5-1	0/4	1	YON	LOTO in place
10	Expansion Vessel AFFF 82-3	Shed # 2	by Blda	35 GE Ele	ctrical Bld	9
		PSI PSI	Viv. Po	s. Signag	e Locked	Comments
No.	System	155	\$/€	/	YDNE	
1	Transformer Aux	Lerry	DIE	- ×	YDNE	
2	Transformer Main	155	by Cool	na Towe	West Side	
	Valve	2 Sned # 4	Viv. Po	s. Signac	0	
No.	System	PSI	d/C		YZN	1 Needs Sigh.
1	Cooling Tower West Side	Valve She	1 # E by	Control		
-			Viv. Po	s. Signag	e Locked	Comments
No.	System	PSI	The second second		Y D NI	
1	Control Room B4-5	160	Φ/C		YDINI	
2	Offices B4-3	140	D/C		4 47 6	
3	Electrical Room 84-4	140	D/C	\ \V	lead in the	open position)
3	Electrical Room 84-4 Turbine Sprinkler	r Valves (1	hese are	to be loc	Red III the	Comments
No	System	Locked	VIV. P	73.		
No.	To the state of th	Y th NI		_		
1	Bearing 2	Y ID N				
2	Bearing 3	Y D NI				
3	Bearing 4	YD NI	□ b/0			Position
4	Bearing 5 HTF Deluge S	vstem Val	ves (To I	e Locked	in the Ope	Comments
		Locked	Viv. P	os.		Continents
No.	System	Y D N				
1	MP-201	Y ID N				
2	MP-200A	YEN				
3	MP-200B	YON				
4	MP-200C	VIII N	n 0/			
5	MP-200D	Eiro Pur	in House	e Deluge	System	
						Comments
Ma	System	PSI	0/			
No.		185	U		NU	
1	Fire Pump House Deluge	1,20	PIV C	hecks		
		D = 147		Da		Comments
No.	System	Positio	, cyci	ea Cvc	ed	
	Maintenance Shop Drive Way #7	0/2				
1	Maintenance Shop Drive Way #8	ØIC				
2	West Side Power Block by VS-3 # 9	SIC			DYA	Market Dal.
3	West Side Power Block by VS-1 # 10	Ø10			Bulan	White the D.
4	West Side Power Block by VS 4 # 11	\$10 \$10 \$10 \$10				
- 5	West Side Cooling Tower by VS-4 # 11	ØIC				
6	West side Cooling Tower by V5-4 # 12	8/0				
7	N.W. Corner Chemical Storage #1	100				
8	N.E. Corner Chemical Storage # 2	910				
	East Side W.T. by Multimedia Filters # 3	910				
9	East Side W.T. by Multimedia Filters # 5	9/0				
		· (2//C				
10	North Side Bldg 10 # 6		,			
10 11	North Side Bldg 10 # 6				2011	13
10 11 12	North Side Bldg 10 # 6		Fine S	turday of	P)V	nth 3
10 11 12 13	North Side Bldg 10 # 6		First Sa	turday of	Every Mon	Comments / Actions



General Information					
Plant: Alpha 🗗 Beta □	Date: 10/18/24				
Operator: Antone Phillins	*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: 151	5				
Discharge Pressure:					
Pump Suction Pressure: - Pump	Discharge pressure: -				
Comments:					
Electric Pur					
Pre-start Inspection: Electrical Feed 🗹 Mechanical 🗵	Valves 🖳				
Start the pump on pressure drop. Start up pressure: १८१५					
Start time: 20 5ら	. 2				
, amp backet it	Discharge pressure: L $oldsymbol{\mathcal{Q}}$				
Stop time: 21 Total time running	10m/n				
Comments:					
Diesel Pur	np				
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: Ba	ttery Condition:				
Starting hour meter: Sta	art time:				
Oil pressure start:	Pressure finish:				
Pump Suction Pressure: Pump Discharge pressure:					
Coolant temperature after 30 minutes running:					
Stop time: Stop hour meter:	Total time running:				
Comments:					
Mechanics meeted for test					
Sulfur Concentrations (less than or equal to 0.0015% on a weight per we					
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems' (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/ h approximately. Tre is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]					



Automated Fire Systems Inspection Checklist

Operato DI WOK BETA: Date: 10/18/14 Plant: ALPHA Valve Shed # 1 by Condenser Comments Locked Viv. Pos. Signage PSI System 155 YZ NO SG Unit 1 YZ NO SG Unit 2 VZNO Reheaters 14 0 155 155 3 YZNO Rack 2 West HTF VO NO NEEDS LOCK. Rack 2 East HTF D/C V North Steel Pro YZNO 182 81-7 YND HTF Pumps 155 V NO HTF Heaters 8 D/C South Steel Pro Φ/C 140 YO, NO NEWS LOCK Lube Oil Φ/C ~ B1-1 140 YZNO Turbine Hose Stations Valve Shed # 2 by Overflow Turbine Bearings B1-1 12 Comments Locked Viv. Pos. Signage PSI YI NU 140 YD ND Expansion Vessels 168 ~ 82-2 Ullage Area Φ/C ~ Ullage Structure YD NO 1 Rack 1 Middle Area YI N□ 4 Φ/C 165 1 B2-9 Overflow Tanks YD ND 0/C V 60 Rack 1 South Area YI NO 6 V 60 82-7 Rack 1 West VID NO 10TO YD NO under Rack 1 North Area 0/4 B2-8 Over flow AFFF 0/4 GE Electrical Bldg Expansion Vessel AFFF 82-3 10 Valve Shed # 3 by Bldg 35 Comments Viv. Pos. Signage Locked PSI Y D N D System 0/C / Transformer Aux Valve Shed # 4 by Cooling Tower West Side Transformer Main Comments Viv. Pos. Signage System Needs Sigh 740 √C × YZ Valve Shed # 5 by Control Bldg 10 No. Cooling Tower West Side Comments Viv. Pos. Signage Locked PSI System DND 0/C No. 40 Control Room YDND Turbine Sprinkler Valves (These are to be locked in the open position) 140 Offices Electrical Room Comments Locked Viv, Pos. System No. YD ND Bearing 2 D/C Y D N D Bearing 3 YD ND Bearing 4 YI NO HTF Deluge System Valves (To be Locked in the Open Position) Bearing 5 Comments Locked Viv. Pos. System NO Red Zip Til No. MP-201 YO NO Φ/C MP-200A D/C MP-200B YD ND φ/C MP-200C 4 YUNU MP-200D Fire Pump House Deluge System 5 Comments Locked PSI System YZND 190 Fire Pump House Deluge PIV Checks Date Comments Cycled Position Cycled No. Maintenance Shop Drive Way #7 Sic Sic Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 4 West Side Cooling Tower by VS-4 # 11 Ø/C West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 N.E. Corner Chemical Storage # 2 8 East Side W.T. by Multimedia Filters # 3 9 East Side W.T. by Multimedia Filters # 5 10 North Side Bldg 10 # 6 11 0/8 Between MP-444's and Water Treat # 4 To Be Cycled First Saturday of EverylMonth West Side Power Block Valve Shed #1 Comments / Actions G70-16-0040-MT-FOR-000027 G70-No0040-MT-FOR-000027 Automated PSystemms Inspection Checklist Debris , Y | N | Z | 1 | 1 | 1 | Reviseu | 09/24/2019 Page 396 of 1228 Transformer Yard Refuse Check



General Information						
Plant: Alpha □ Beta □	Date: 6/20/24/					
	*To be completed each time unit is operated.					
Operator: Evi Cl< Reason for running pumps: Weekly test Maintenance	4,70					
Reason for running pumps: Weekly test Maintenance Jockey Electri						
Pre-start Inspection: Electrical Feed Mechanical Valves						
Check the jockey pump on pressure drop. Start up pressure: 195						
Discharge Pressure: 12	Fr					
11/11	ischarge pressure: 162					
Comments:						
Electric Pt						
Pre-start Inspection: Electrical Feed Mechanical	Valves-E					
Start the pump on pressure drop. Start up pressure: US						
Start time: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\						
3102.	scharge pressure: 5 0					
top time: 19'50 Total time running	10 min					
Comments:						
Diesel Pu	ımp					
Pre-start Inspection: Coolant Oil Mechanical	Valves Water Jacket Heater					
Fuel level > 2/3: Yes □ No □ Monthly	Fuel Consumption:					
	attery Condition: 4 ood					
	Start time: —					
100	Oil Pressure finish: —					
Pump Suction Pressure: — Pump Discharge pressure: —						
Coolant temperature after 30 minutes running:						
Stop time: Stop hour meter:	Total time running:					
Comments: EOP						
Sulfur Concentrations (less than or equal to 0.0015% on a weight per w	eight basis).					
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/ h approximately, here is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]						



Transformer Yard Refuse Check

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

BETA: Date: 10/20/24 Plant: ALPHA 🗗 Valve Shed # 1 by Condenser Comments PSI Viv. Pos. Signage Locked System No. 160 10/0 Y DY N D SG Unit 1 YD/NO V 0/C 160 SG Unit 2 YUND V 0/0 100 Reheaters VOIC YDND 160 V Rack 2 West HTF 4 Y D N D 100 V 0/C W Rack 2 East HTF Y D' N D V0/0 160 North Steel Pro YDND V 0/C 140 HTF Pumps 160 NO/C YZNO 8 HTF Heaters 1100 VO/C q South Steel Pro V 0/C Y ZZ N D 160 Lube Oil YO'NO VOIC 11 **Turbine Hose Stations** 140 VO/C 12 Turbine Bearings Valve Shed # 2 by Overflow Comments Viv. Pos. Signage Locked System 160 VOIC Y DY N 🗖 V, Expansion Vessels YD,NO 160 1010 Ullage Area V 160 Ullage Structure YØ,NO 160 V 0/C Rack 1 Middle Area √ 0/C √ 0/C Overflow Tanks Y D/ND 160 Rack 1 South Area 6 YDIND V 0/C V 160 A/B2-Rack 1 West YEND Rack 1 North Area 10to out # O/CV YEND Over flow AFFF A/82-8 YDNO A/B2-3 Expansion Vessel AFFF Valve Shed # 3 by Bldg 35 GE Electrical Bldg Comments PSI Viv. Pos. Signage Locked No System VOIC Transformer Aux YD NO 1 O/C Transformer Main Valve Shed # 4 by Cooling Tower West Side PSI Viv. Pos. Signage Comments System No. Valve Shed # 5 by Control Bldg 10 Cooling Tower West Side Comments PSI Viv. Pos. Signage Locked System No. 160 YZND VO/C Control Room A/B4-3 13 (60. VO/C V Y N D
144 (60 VO/C V Y D N D
145 Turbine Sprinkler Valves (These are to be locked in the open position) Offices Electrical Room Locked Viv. Pos. No. System YE NO VOO Bearing 2 Bearing 3 Y D N D V O/C Bearing 4 Bearing 5 4 HTF Deluge System Valves (To be Locked in the Open Position) Locked Viv. Pas.
Y | N | V | O/C
Y | N | V | O/C Comments System No. Zip tic MP-201 MP-200A MP-200B 3 MP-2000 4 YDNO VOIC MP-200D Fire Pump House Deluge System Comments O/C Locked System YND 180 Fire Pump House Deluge PIV Checks Comments Cycled Position System No. O/CV Warehouse/Maintenance Shop Drive Way #7 VO/C Warehouse/Maintenance Shop Drive Way #8 V 0/C West Side Power Block by VS-3 # 9 West Side Power Black by VS-1 # 10 1 O/C West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 1/0/0 V 0/C N.W. Corner Chemical Storage #1 1/0/0 N.E. Corner Chemical Storage # 2 8 O/C East Side W.T. by Multimedia Filters # 3 9 1/ 0/0 East Side W.T. by Multimedia Filters # 5 10 1/0/0 North Side Bldg 10 # 6 11 NOT IN EXTVICE OICH Between MP-444's and Water Treat # 4 0/0 Page 398 of 1228 Beta Only West Side Power Block Valve Shed #1 13 To Be Cycled First Saturday of Every Month FO O&M-MJV-104 Automated Fire Systems Inspection Checklist

DebrisY □ Revenu 09/24/2019 Page 1 of 1

FO-O8M-MJV-104



Automated Fire Systems Inspection Checklist

			Valve She	d#Ibvu	ondenser		4
			PSI	Viv. Pos.	Signage	Locked	Comments
o.	System			V 0/C		YX NO	
	SG Unit 1 81-1		145	JO/C	7	YZS N 🗆	
2	SG Unit 2 B1-2		165	7 O/C	V	YX NO	
3	Reheaters 81-3		lus	J 0/C	1	YSE NO	
4	Rack 2 West HTF B1-4		165	J. 0/C	7	VA NO	
5	Rack 2 East HTF B1-5		الما	J 0/C	/	VS NO	
6	North Steel Pro B1-6		las		1	YE NO	
7	HTF Pumps B1-7		165	J 0/C	7	VX NO	
8	HTF Heaters 81-8		(6)	V 0/C	1	YS NO	
9	South Steel Pro B1-9		165	J 0/C	7	YN NO	
	Lube Oil B1-10		465	√ 0/C	J	VA NO	
10	Turbine Hose Stations 81-11		165	J,0/C		YX NO	
11	Turbine Bearings 81-12		465	V O/C	J		
12	Turbine bearings		Valve Sh	red # 2 by	Overflow	Locked	Comments
	Syster	,	PSI	Viv. Pos.	Signage	A & N D	
Vo.	The state of the s		170	10/C	7	1100	
1	EXPERISION VESSELL		165	V 0/C	V	YEND	
2	Unage vice		165	V O/C	V .	YEND	
3	Olinde attactore		170	√ 0/C	V	YXND	
4	Rack 1 Middle Area B2-5		160	√ 0/C	~	YXX NO	
5	Overflow Tanks 82-9		160	1.0/C		YX NO	
6	Rack 1 South Area B2-6		160	JO/C	J	AXE NO	
7	Rack 1 West B2-7		iko	0/C	V	ADR. NO	
8	Rack 1 North Area B2-4		133	0/0	J	YSV N 🗆	1 400
9	Over flow AFFF B2-8			DIC		YEVND	luto
10	Expansion Vessel AFFF B2-3	Val	ve Shed # 3 l	y Bldg 3	GE Elect	rical Bldg	Comments
			PSI	Viv. Pos.	Signage	Locked	Comments
No.	Syste	n	170	JO/C	1	YE NO	
1	Transformer Aux		- 1	Joic		AB NO	
2	Transformer Main	Val	ve Shed # 4	by Coolin	a Tower \	Nest Side	
		Val	PSI	Viv. Pos.	Signage		Comments
No.	Syste	m		1010		YEND	
1	Cooling Tower West Side		Valve Shed	1 # 5 by C	ontrol Blo	iq 10	
			PSI	Mir Pos	Signage	Locked	Comments
No.	Syste	m		VO/C	7	UN DAY	
1	Control Room B4-5		163	JO/C		YAS NO	
2	Offices B4-3		(65	1-1-	1/	VEND	
3	Electrical Room 84-4	Turbine Sprink	165	acco are to	he locke	ed in the c	ppen position)
	PHOTO:	Turbine Sprink	er valves (1)	Viv. Pos.	J DC 10 cm		Comments
No.	Syst	m	Locked	3 0/C			
1	Bearing 2			J 0/C	_		
2	Bearing 3		YEINL	J /, O/C			
3	Bearing 4			- 1 010			
4	Bearing 5		System Val	7 0/C	Locked it	the Ope	n Position)
	Dealiting 2	HTF Deluge	System Valv	es (10 be	LOCKEG II	i the op-	Comments
No	Syst		Locked	VIV. POS	•		
No.	MP-201			J 0/C	-		
_	MP-200A		Y S N I	J 0/C	-		
2	MP-200B		Y S N	J V 0/C			
3	MP-200C			J 0/C	-		
4			YX N	J 0/C	5 1 6	erkome.	
5	MP-200D		Fire Pum	p House	Deluge Sy	stem	Comments
			PSI	O/C	Locked	N	Commence
No.	Syst	em		1	Y S NI		
1	Fire Pump House Deluge		120	PIV Ch			
_					Date		Comments
	Sys	em	Positio		Cycled		
No.		C*11/40/	O/C	*			
1	Maintenance Shop Drive W	y #.L.	✓ O/C				
2	Maintenance Shop Drive W	r 2 # 0	J 0/C				
3	West Side Power Block by V	5-3#3	J 0/C				
4	West Side Power Block by V	5-1 # 1U	J 0/C				
5	West Side Cooling Tower b	(VS-4 # 11	V, O/C				
6	West side Cooling Tower b	V5-4 # 12	7 0/0				
7	N.W. Corner Chemical Stora	ge #1	V 0/C				
8	N. F. Corner Chemical Stora	ie#2	1 0/0				
9	East Side W.T. by Multimed	a Filters # 3			-		
10	East Side W.T. by Multimed	la Filters # 5	V 0/C				
11	North Side Bldg 10 # 6		0/0				
12	Retween MP-444's and Wa	er Treat # 4	0/0				
$\overline{}$	the Atlanta of the Atlanta	e Shed #1	To Be Cycled	First Care	reday of E	very Mon	th
13	E AACST SIGE LOWER SIGNATURE		To Be Cycled	First Satu	IT Gay OF E	very with	Comments / Actions
	0040 MT-FOR-000027 Automated FS9		st Debr	-			570-16-0040-MT-F



Transformer Yard Refuse Check

1

Moiave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA D BETA: Date: 10/25/24 Operator Antone Valve Shed # 1 by Condenser Locked Y W N D Comments Viv. Pos. Signage No. System SG Unit 1 160 SG Unit 2 YDV 1 Reheaters Rack 2 West HTF Y D N D Rack 2 East HTF North Steel Pro HTF Pumps Y DZ XI D 160 00 HTF Heaters 160 South Steel Pro Y DZ N D 60 10 Lube Oil 0/0 Turbine Hose Stations 160 12 Turbine Bearings Valve Shed # 2 by Overflow Viv Pos. Signage Locked Comments PSI No. System Y D Y D Expansion Vessels 155 Ullage Area Ullage Structure YEND Rack 1 Middle Area 4 AB VO 155 Overflow Tanks 160 A/B2-6 Rack 1 South Area Rack 1 West Y D N D Rack 1 North Area A/82-4 Over flow AFFF Valve Shed # 3 by Bldg 35 GE Electrical Bldg Expansion Vessel AFFF Comments Viv. Pos. Signage Locked System No. Valve Shed # 4 by Cooling Tower West Side Transformer Aux Transformer Main Viv. Pos. Signage Comments PSI System No. Valve Shed # 5 by Control Bldg 10 Cooling Tower West Side Comments VivePos. Signage Locked PSI System No. Joje VOIC Control Room YEND Offices 160 Electrical Room Turbine Sprinkler Valves (These are to be locked in the open position) Locked Viv. Pos. System No. YEND JOIC Bearing 2 Y D N D Y O/C Bearing 3 Bearing 4 3 YOND JOIC 4 Bearing 5 HTF Deluge System Valves (To be Locked in the Open Position) Comments Locked Viv Pos. System No. YEND OCC MP-201 MP-200A MP-200B MP-2000 MP-200D Fire Pump House Deluge System Comments Locked PSI O/C System YND Fire Pump House Deluge PIV Checks Date Comments Position Cycled No. OJC X Warehouse/Maintenance Shop Drive Way #7 Warehouse/Maintenance Shop Drive Way #8 West Side Power Block by VS-3 # 9 West Side Power Block by VS-1 # 10 West Side Cooling Tower by VS-4 # 11 West side Cooling Tower by VS-4 # 12 N.W. Corner Chemical Storage #1 0/0 N.E. Corner Chemical Storage # 2 East Side W.T. by Multimedia Filters # 3 V0/C East Side W.T. by Multimedia Filters # 5 10 V 0/C North Side Bldg 10 # 6 11 Between MP-444's and Water Treat # 4 O/C X 12 Beta Only West Side Power Block Valve Shed #1 To Be Cycled First Saturday of Every Month Page 400 of 1228 O O&M MJV-104 Automated Fire Systems Inspection Checklist **Debris**Y □ 1972472019 Page 1 of 1 Comments / Action System No.



General Information					
Plant: Alpha Ø Beta □	Date: 10/2-6/24				
Operator: Jose Muscus	*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:	150 psi				
Discharge Pressure: (65 ps					
Pump Suction Pressure: NA Pump	Discharge pressure: 165				
Comments:					
Electric Pur					
Pre-start Inspection: Electrical Feed 🗹 Mechanical 🖸	Valves Ø				
Start the pump on pressure drop. Start up pressure: 145					
Start time: 1040					
Tump Sacasi Tressale: 17 per	Discharge pressure: 150 PS1				
Stop time: (050) Total time running	10 migr				
Comments					
Diesel Pur	mp				
Pre-start Inspection: Coolant 🗹 Oil 🗹 Mechanical 🗗 Valves 🖫 Water Jacket Heater 🗗					
Fuel level > 2/3: Yes 🗆 No 🗗 Monthl	y Fuel Consumption: NA				
Battery volt Crank 1: 26 Battery volt Crank 2: 26 Bat	ttery Condition: V Meet cleaning				
Starting hour meter: Starting hour meter: Starting hour meter: Starting hour meter:	art time: 654				
Oil pressure start: 56 Oil	Pressure finish:				
Pump Suction Pressure: Pump	Discharge pressure: グラ 165 対				
Coolant temperature after 30 minutes running: 173 ^{f-}					
Stop time: 10 59 Stop hour meter: 1	32.7 Total time running: 5 mir				
Comments:					
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).					
his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above. Note: Fuel consumption 27 gal/ h approximately. There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]					