

Inspection, Testing, and Maintenance Cover Sheet NFPA25 as amended by CCR, Title 19

Property Information:					
Name:	Occupancy/Use	:			
Address:	Construction Ty	pe:		E OF C	CALIFOR
City:	No. Stories:			15	
ZIP:	Year Constructe	ed:		May SE	No state
Contact:	_			FIRE	MARS
Telephone:					
Contractor Information:		Number of System F	Risers		
Name:		Copy sent to:			
Address:		Owner Date:			_
City:		Fire AHJ Date:			_
State:	_	Contractor Date:			
Telephone:		NOTES: 1) For specific inspecti			
CA License#:		requirements and infor edition as amended by	mation, see California	e NFPA 25, 2 Code of Reg	011 ulations,
Job #:		Title 19, §901 to §906.			
Performed by:		2) Inspection items ma accordance with Califo §904.1(a)	y be perfor ornia Code (med by the o of Regulation	owner in ns, Title 19,
Check box for each system ins Check boxes (Fail or Pass) to	pected and enter th	ne number of forms use	d for inspec	ction.	
Forms Included with this Report	NFPA 25	Number of Forms	N/A	Fail*	Pass
☐ Automatic Sprinkler System	Chapter 5				
Standpipe and Hose System	6				
☐ Private Water Supply System	7				
Fire Pump	8				
	9				
Water Storage Tank					
Water Spray System	10	+			
Foam Water Sprinkler System	11	-			
Water Mist System	12				
Concerns that are Not Deficiencies (i.e. Non-Sprink *See "Deficiencies and Comments" section at end	<u> </u>	e form		☐ Yes	□ No

TRG Fire Systems www.trgfs.com

C	orrective	Action
and	Repairs	Performed

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and Repairs Performed Insp		pection, Testing, and N	Maintenance		1 of 1			
Property Information			THOF CALIFORNIA	Contractor or Licensed Owner Information				
Building Nar	me				To E	Name		
Address					A STATE OF THE STA	Address		
					FIRE MARS	City	St.	Zip
City					License #	Phone		·
Contact Per	son				☐ SFM	Job #		
Phone					☐ CSLB	Misc.		
						•		
Item	AES Form #	Date Found	Date Corrected		Def	iciencies and Col	mments at were repaired or repla	aced
	FOIIII#	Found	Corrected		mulcate all equipment,	, uevices and parts the	at were repaired or repr	aceu
T			1					
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			\vdash					
			\vdash					
			\sqcup					
			\vdash					
	I h	ereby certif with	y that the fire CCR, Title 19	protect	tion equipment listed abov ns 901 to 906 and that the c	e has been correc equipment is fully	ted in accordance operable.	

I hereby certify that the fire protection equipment listed above has been corrected in accordance with CCR, Title 19, Sections 901 to 906 and that the equipment is fully operable.						
Building Representative Technician						
Signature	Date	Signature	Date			

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				esting, and N				port	1 of 7	
Property Information			OF CALIFORNIA			Contractor or Licensed Owner Information				
Building Nam	е			900	THE P	Naı	me			
Address				NET.	ATT.	Add	dress			
			100	FIRE MAR	City	/	St		Zip	
City				License	#	Pho	one			
Contact Person	on			☐ SFN		Job) #			
Phone				CSLI	B 	Mis	SC.			
Pump #				Pum	o and Drive	r Informa	ation			
Pump Manufa	cturer		Max Suction	on Pressur	е		psi	Driver Mfr.		
Pump Model			Max psi (s	hutoff)			psi	Driver Model		
Pump Serial #			Rated Cap				gpm	Driver Rated RPI	М	
Rated RPM			Rated Pre	ssure			psi	Full Load Amp (F	LA)	Amp
Controller Mfr			150% Rate	ed Capacit	у		gpm	Rated Voltage		Volts
Controller Mod	del				ited Capacity			Service Factor (S	SF)	
Controller S/N						(1)				
Where th	ne pump and	d driver manufacture	er's recommendatio	ns are not a	vailable, use t	he items in	this form, whi	ch reference NFPA	25, Table 8.	5.3. If the
		manuracii	ırer's recommendat	ons are ava	illable, trieri tric	ose recornir	nenualions ar	e to be usea.		
				Annı	ıal Flow Te	est				
			Suction (psi)	Suction Discharge (psi) (psi)			Ne	et Pressure (psi)		Speed (rpm)
		(SF)				,			, , ,	
Churn (0%)		Phase	Volts	Volts		ps		VxA	Rated '	√x FLA x SF
8.3.5.1		A-B								
		B-C								
		C-A								
	8.3.5.5	V x A accepta	able? Yes	? Yes No		8.3.5.6 Voltage accepta		acceptable?	Yes	No
	Nozzle #	Size	Pitot Pressure	Flov (gpm		hase	Volts	Amps	V x A	Rated V x FLA x SF
	1									
	2							1 1		
100% Rated Flow	3							1 1		
rated riow	4				8.3.5.	5 V x A	acceptable?	Yes	No	
	5				8.3.5.	6 Voltag	e acceptable		_ No	
	6					_				
	Nozzle #	Size	Pitot Pressure	Flov		hase	Volts	Amps	V x A	Rated V x FLA x SF
	1		Fiessule	(gpm	1)					VALLAXOF
	2							+ +		
4=654	3							+ +		
150% Rated Flow	4				0 2 5	F \/ \/ \^ .	accentable?		es No	

8.3.5.5 V x A acceptable?

8.3.5.6 Voltage acceptable?

Yes

☐ No

Yes

Suction pressure at 150% of rated flow at least 0 psi?

☐ No

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Property Information	THE OF CALIFORNIA	Contractor or Lice	ensed Owner Info	rmation
Building Name		ame		
Address	J.	ob#		
City	FIRE MARY			

Fire Pump Test Curves						
Manufacturer's shop test curve	1. 8.3.5.3(1)					
Original adjusted fire pump curve using net pump pressures	2. 8.3.5.3(1)					
Current adjusted fire pump curve using net pump pressures	3. 8.3.5.3(1)					
Original unadjusted fire pump curve using net pump pressures	4. 8.3.5.3(1)					
Current unadjusted fire pump curve using net pump pressures	5. 8.3.5.3(1)					
Current unadjusted fire pump curve using total pump pressure + supply pressure	6. 8.3.5.7					
*Note: The fire pump nameplate data is permitted to be used if the manufacturer's shop test curve is unavailable. (8.3.5.3(2))						

Test Results and Evaluation (8.3.5.7)							
Fire Prote	ection System Demand Informati	ion		Fire	Pump		
Type of System	Type of System Required Pressure at the Pump Discharge Flange (psi) (gpm)				Is the fire pump capable of supply the system demand using the unadjusted pump curve?		
			Yes No				
			Yes No				
			Yes No				
			Yes No				
			Yes No				
Are fire pump test results satisfactory?			Yes No	8.1.6 8.3.5 8.3.5.2.1	8.3.5.3 8.3.5.4 8.3.5.5	8.3.5.6 8.3.5.7	

	Annual Fire Pump Inspection, Testing, and Maintenance								
	Include ALL Monthly and Annual Inspection, Testing, and Maintenance Items								
		I = Inspection T = Test M = Maintenance	1	P = F	Pass $F = Fail$ $N/A = Not Applicable$	•			
Item		Description	NFPA 25 CA ed. Reference	Date	Comments Only	P,F,N/A			
		Fire pump Start/Stop Pressures							
1.01	ı	Fire Pump Start Pressure	8.3.2.8(1)(f)		psi				
1.02	ı	Fire Pump Stop Pressure	8.3.2.8(1)(f)		psi				
1.03	ı	Pressure Maintenance Pump Start Pressure	8.3.2.8(1)(g)		psi				
1.04	ı	Pressure Maintenance Pump Stop Pressure	8.3.2.8(1)(g)		psi				
		Pump House							
1.05	I	Pump House Heating and Ventilating Louvers. Illumination	8.2.2(1)(a) 8.2.2(1)(b) 8.3.4.3						
		Fire Pump System							
1.06	ı	Control Valves - Identification Sign	13.3.1						
1.07	ı	Control Valves - Inspection	13.3.2						
1.08	I	Pump Suction, Discharge & Bypass Valves Open	8.2.2(2)(a)						
1.09	ı	Normally Closed Valves are Closed (Test Header/Venturi Meter)	8.2.2(2)(g) 13.3.2.2						

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re Pump	Inspection, Testing, and Maintenance

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Pro	nerty	Info	rma	tior
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Building Name						
Address						
City						



Contractor or Licensed Owner Information

Name			
Job #			

Annual Fire Pump Inspection, Testing, and Maintenance Include ALL Monthly and Annual Inspection, Testing, and Maintenance Items

		I = Inspection T = Test M = Maintenance		P = F	Pass F = Fail N/A = Not Applicabl	le l
Item		Description	NFPA 25 CA ed. Reference	Date	Comments Only	P,F,N/A
1.10		Piping is Free of Leaks	8.2.2(2)(b)			
1.11	I	Suction Line Pressure Gauge Reading within Acceptable Range (Same as Water Level in Tank or Static Pressure in Water Main)	8.2.2(2)(c)			
		Suction Pressure Reading	8.2.2(2))c)		psi	
1.12	ı	Discharge Line Pressure Gauge Reading within Acceptable Range (Same as Suction Gauge Reading)	8.2.2(2)(d)			
		Discharge Pressure Reading	8.2.2(2)(d)		psi	
1.13	ı	Suction Reservoir Full	8.2.2(2)(e)			
1.14	ı	Wet Pit Suction Screens are Unobstructed and in Place	8.2.2(2)(f)			
1.15	ı	Check Pump Packing Glands for Slight Discharge (Pump Not Running)	8.2.2(2)(h)			
1.16	ı	Check Pump Packing Glands for Slight Discharge (Pump Running)	8.3.2.8(1)(b)			
1.17	ı	Suction Line Pressure Gauge Reading (Pump Running)	8.3.2.8(1)(a)		psi	
1.18	ı	Discharge Pressure Gauge Reading (Pump Running)	8.3.2.8(1)(a)		psi	
1.19	1	Check for Unusual Noise or Vibration	8.3.2.8(1)(d)			
1.20	ı	Check Packing Boxes, Bearings, or Pump Casing for Overheating	8.3.2.8(1)(e)			
1.21	I	Circulation Relief Valve Operating Properly	13.5.7.1.2			
1.22	ı	Observe Time for Motor to Accelerate to Full Speed	8.3.2.8(2)(a)			
1.23	ı	Record Time the Controller is on 1st Step (For Reduced Voltage or Reduced Current Starting)	8.3.2.8(2)(b)			sec
1.24	Т	Record Time Pump Runs after Starting (For Automatic Stop Controllers)	8.3.2.8(2)(c)			mir
1.25	Т	Control Valve Test	13.3.3			
1.26	М	Control Valve Maintenance	13.3.4			
1.27	М	Adjust Gland Nuts, if Necessary	8.3.2.8(1)(c)			
		Electrical System Conditions				
1.28	l	Controller "Power On" Pilot Light is Illuminated	8.2.2(3)(a)			
1.29	I	Transfer Switch Normal Pilot Light is Illuminated	8.2.2(3)(b)			
1.30	ı	Isolating Switch is Closed - Standby (Emergency) Source	8.2.2(3)(c)			
1.31	ı	Reverse Phase Alarm Pilot Light is Off, or, Normal Phase Rotation Pilot Light is On	8.2.2(3)(d)			

Ele	ctric
Fire	Pump

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Property Information

Building Name
Address
City



Contractor or Licensed Owner Information

Name				
Job#	·		·	

Annual Fire Pump

		Include ALL Monthly and Annual Ins I = Inspection T = Test M = Maintenance	pootion, resulty,		Pass F = Fail N/A = Not Appli	cable
Item			NFPA 25 CA ed. Reference	Date	Comments Only	P,F,N/A
1.32	1	Oil Level in Vertical Motor Sight Glass is within Acceptable Range	8.2.2(3)(e)			
1.33	ı	Power to Pressure Maintenance (Jockey) Pump is Provided	8.2.2(3)(f)			
		Tests				
2.01	Т	Engine Generator Sets (Monthly)	NFPA 110			
2.02	Т	Exercise Isolating Switch and Circuit Breaker	Table 8.1.2			
2.03	Т	Annual Test - Indicate Method of Discharge If the current test does NOT use the method described in 8.3.3.1.2.1 - then indicate the DATE the last time this method was used:	8.3.3.1.2.1 8.3.3.1.2.2 8.3.3.1.2.3 8.3.3.1.3		8.3.3.1.2.1 8.3.3.1.2.2 8.3.3.1.2.3	
2.04	Т	Automatic Transfer Switch Test	8.3.3.4			
2.05	Т	Alarm Tests	8.3.3.5			
2.06	Т	Electronic Fuel Management Control System Test	8.3.3.8			
2.07	Т	Trip Circuit Breaker	Table 8.1.2			
2.08	Т	Operate Manual Starting Means	Table 8.1.2			
2.09	М	Inspect and Operate Emergency Manual Starting Means (Without Power)	Table 8.1.2			
2.10	Т	Parallel and Angular Alignment Test	8.3.3.4			
		Maintenance				
3.01	М	Lubricate Pump Bearings	Table 8.1.2			
3.02	М	Check Pump Shaft End Play	Table 8.1.2			
3.03	М	Check Accuracy of Pressure Gauges	Table 8.1.2			
3.04	М	Check Pit Suction Screens	Table 8.1.2			
3.05	М	Lubricate Coupling	Table 8.1.2			
3.06	М	Lubricate Right-angle Gear Drive	Table 8.1.2			
3.07	М	Tighten Electrical Connections	Table 8.1.2			
3.08	М	Lubricate Mechanical Moving Parts (Excluding Starters and Relays)	Table 8.1.2			
3.09	М	Calibrate Pressure Switch Settings	Table 8.1.2			
3.10	М	Grease Motor Bearings	Table 8.1.2			
3.11	М	Check Voltmeter and Ammeter for Accuracy	Table 8.1.2			
3.12	М	Corrosion on Printed Circuit Boards	Table 8.1.2			
3.13	М	Any Cracked Cable/Wire Insulation	Table 8.1.2			

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Electric Fire Pump	Californ Inspe	ia Code of Regulations ection, Testing, and Mainte	- Title nance	19	Annual Report	5 of 7
Property Information		OF CALLAGO		Contractor or L	icensed Owner Info	rmation
Building Name			Name			
Address		A THE STATE OF THE	Job#			
City		FIRE MAR		·		

Address						NET.		Job #			
City	City							TRE MAN			
						Monthly and A	on, Testi <i>Innual Ins</i>	l Fire Pump ng, and Mainte spection, Testing	, and Maint		
			= Inspecti		T = 1		intenance	NFPA 25 CA ed.	P = 1	Pass F = Fail N/A = Not Appl I	
Item					Descri	ption		Reference	Date	Comments Only	P,F,N/A
3.14	М	Any L	eaks in Plu	umbin	g Part	3		Table 8.1.2			
3.15	М	Any S	igns of Wa	ater or	n Elect	rical Parts		Table 8.1.2			
3.16	М	Suction	on Screens	3				8.3.3.7			
3.17	М	Is Obs If "Yes for Re		vestig ficiend	gation cies ar	Required? Id Comments Se	ction	14.3		☐ Yes ☐ No	
3.18	М	Syste	m Returne	d to S	Service			4.5.3		Yes	
								15.7	<u> </u>	□ No	
D = De	ficien	су С	= Comme	nt ((Indica	ite type)					
Item	D	ate	Riser	D	С		Indicat		ncies and Co	omments hat were repaired or replaced	
							maioat	o un oquipinoni, uovi	soo arra parto t	nat word ropalion or ropiacou	
	+										
	+										
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Che	ck her	e if add	itional Defi	ciencie	es and	Comments are lis	ted on Forn	n AES 9. Number at	tached:		
☐ See	Corre	ction F	orm AES 1	0 for c	correcte	ed deficiencies.		Number at	tached:		
I h	I hereby certify that the fire protection equipment listed above has been fully inspected, tested, and maintained on this date by the company indicated above, in accordance with CCR, Title 19, Sections 901 to 906 and that the equipment is fully operable except as noted in the "Deficiencies and Comments" section of this form.										

I hereby certify that the fire protection equipment listed above has been fully inspected, tested, and maintained on this date by the company indicated above, in accordance with CCR, Title 19, Sections 901 to 906 and that the equipment is fully operable except as noted in the "Deficiencies and Comments" section of this form.						
Print Name						
Signature	Date					

Electric	California Code of Regulations - Title 19
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Property Information

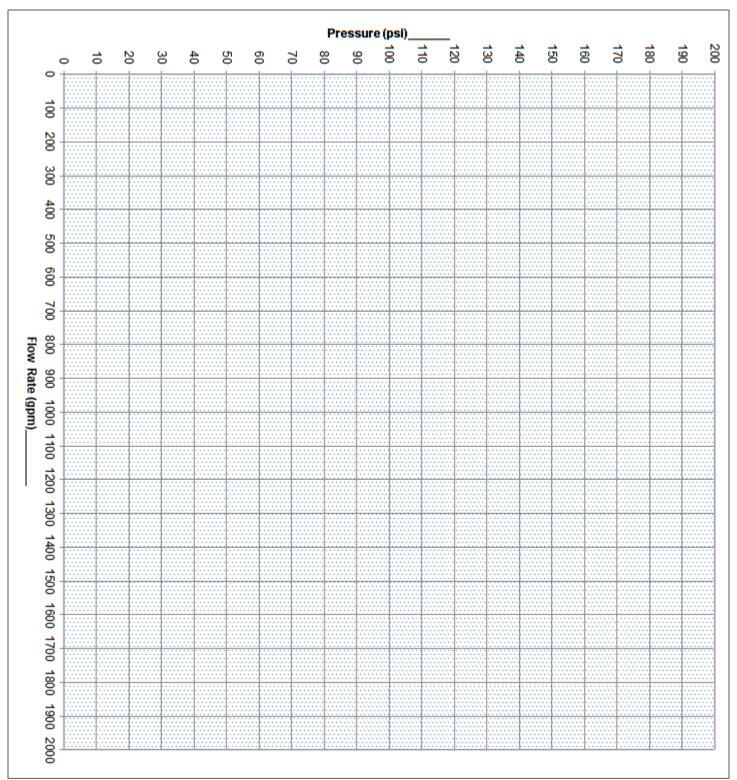
Building Name Address

City



Contractor or Licensed Owner Information

Name Job#



- Curve Identification:
 1. Manufacturer's shop test curve
- Original adjusted fire pump curve
 Current adjusted fire pump curve

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Property	Information
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Building Name

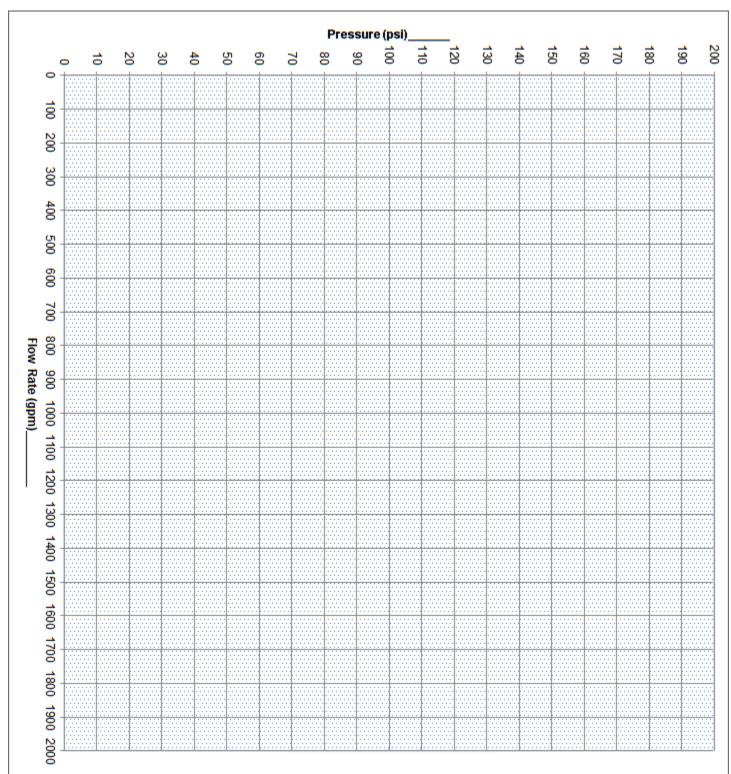
Address City



Contractor or Licensed Owner Information

Name Job#

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Curve Identification:

- Original unadjusted fire pump curve
 Current unadjusted fire pump curve
 Current unadjusted fire pump curve
 Current unadjusted fire pump curve using total pump pressure + supply pressure