


Property Information			Contractor or Licensed Owner Information		
Building Name			Name		
Address			Address		
City			City	St.	Zip
Contact Person			License #	Phone	
Phone			<input type="checkbox"/> SFM <input type="checkbox"/> CSLB	Job # Misc.	

Pump and Driver Information					
Pump #		Max Suction Pressure	psi	Driver Mfr.	
Pump Manufacturer		Max psi (shutoff)	psi	Driver Model	
Pump Model		Rated Capacity	gpm	Driver Rated RPM	
Pump Serial #		Rated Pressure	psi	Fuel Tank Capacity	gal.
Rated RPM		150% Rated Capacity	gpm		
Controller Mfr		Rated Pressure @ Rated Capacity	psi		
Controller Model					
Controller S/N					

Where the pump and driver manufacturer's recommendations are not available, use the items in this form, which reference NFPA 25, Table 8.5.3. If the manufacturer's recommendations are available, then those recommendations are to be used.

Annual Flow Test								
Churn (0%) 8.3.5.1	Flow (gpm)		Suction (psi)	Discharge (psi)	Net Pressure (psi)		Speed (rpm)	
100% Rated Flow	Nozzle #	Size	Pitot Pressure	Flow (gpm)	Suction (psi)	Discharge (psi)	Net Pressure (psi)	Speed (rpm)
	1							
	2							
	3							
	4							
	5							
	6							
150% Rated Flow	Nozzle #	Size	Pitot Pressure	Flow (gpm)	Suction (psi)	Discharge (psi)	Net Pressure (psi)	Speed (rpm)
	1							
	2				Suction pressure at 150% of rated flow at least 0 psi? (8.1.6.1) <input type="checkbox"/> Yes <input type="checkbox"/> No			
	3							
	4				For pump systems installed per NFPA 20, using suction tanks where NFPA 20 permitted the suction pressure to be not less than 3 psi, is the suction pressure at least 3 psi? (8.1.6.2) <input type="checkbox"/> Yes <input type="checkbox"/> No			
	5							
	6							

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))	

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Test Results and Evaluation (8.3.5.7)													
Fire Protection System Demand Information			Fire Pump										
Type of System	Required Pressure at the Pump Discharge Flange (psi)	Required Flow (gpm)	Is the fire pump capable of supplying the system demand using the unadjusted pump curve?										
			<input type="checkbox"/> Yes <input type="checkbox"/> No										
			<input type="checkbox"/> Yes <input type="checkbox"/> No										
			<input type="checkbox"/> Yes <input type="checkbox"/> No										
			<input type="checkbox"/> Yes <input type="checkbox"/> No										
			<input type="checkbox"/> Yes <input type="checkbox"/> No										
Are fire pump test results satisfactory?			<input type="checkbox"/> Yes <input type="checkbox"/> No	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>8.1.6</td> <td>8.3.5.3</td> <td>8.3.5.6</td> </tr> <tr> <td>8.3.5</td> <td>8.3.5.4</td> <td>8.3.5.7</td> </tr> <tr> <td>8.3.5.2.1</td> <td>8.3.5.5</td> <td></td> </tr> </table>	8.1.6	8.3.5.3	8.3.5.6	8.3.5	8.3.5.4	8.3.5.7	8.3.5.2.1	8.3.5.5	
8.1.6	8.3.5.3	8.3.5.6											
8.3.5	8.3.5.4	8.3.5.7											
8.3.5.2.1	8.3.5.5												

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

I = Inspection T = Test M = Maintenance

P = 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	I	Fire Pump Start Pressure	8.3.2.8(1)(f)		psi	
1.02	I	Fire Pump Stop Pressure	8.3.2.8(1)(f)		psi	
1.03	I	Pressure Maintenance Pump Start Pressure	8.3.2.8(1)(g)		psi	
1.04	I	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	I	Control Valves - Identification Sign	13.3.1			
1.07	I	Control Valves - Inspection	13.3.2			
1.08	I	Pump suction, Discharge & Bypass Valves Open	8.2.2(2)(a)			
1.09	I	Normally Closed Valves Are Closed <i>(Test Header/Venturi Meter)</i>	8.2.2(2)(g) 13.3.2.2			
1.10	I	Piping is Free of Leaks	8.2.2(2)(b)			
1.11	I	Suction Line Pressure Gauge Reading within Acceptable Range <i>(same as water level in tank or static pressure in water main)</i>	8.2.2(2)(c)			
	I	Suction Pressure Reading	8.2.2(2)(c)		psi	
1.12	I	Discharge Line Pressure Gauge Reading within Acceptable Range <i>(same as suction gauge reading)</i>	8.2.2(2)(d)			
	I	Discharge Pressure Reading	8.2.2(2)(d)		psi	
1.13	I	Suction Reservoir Full	8.2.2(2)(e)			

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Item		Description	NFPA 25 CA ed. Reference	Date	Comments Only	P,F,N/A
1.42	I	Cooling System: Jacket Water Heater	Table 8.1.2			
1.43	I	Cooling System: Antifreeze Protection Level	Table 8.1.2			
1.44	I	Cooling System: Inspect Ductwork	Table 8.1.2			
1.45	I	Battery System: Electrolyte Level	Table 8.1.2			
1.46	I	Battery System: Charger and Charge Rate	Table 8.1.2			
1.47	I	Battery System: Equalize Charge	Table 8.1.2			
1.48	I	Battery System: Terminals Clean and Tight	Table 8.1.2			
1.49	I	Exhaust System: Leakage	Table 8.1.2			
1.50	I	Exhaust System: Flexible Exhaust	Table 8.1.2			
1.51	I	Exhaust System: Hangers and Supports	Table 8.1.2			
1.52	I	Electrical System: General Inspection	Table 8.1.2			
1.53	I	Electrical System: Circuit Breakers or Fuses	Table 8.1.2			
1.54	I	Electrical System: Wire Chafing Where Subject to Moving	Table 8.1.2			

Fire Pump Tests

2.01	T	Pump Operation - No Flow Condition	8.3.2			
2.02	T	Engine Generator Sets	NFPA 110			
2.03	T	Control Valve - Position	13.3			
2.04	T	Control Valve - Operation	13.3.3.1			
2.05	T	Supervisory Devices	13.3.3.5.1			
2.06	T	Pump Operation - Flow Condition	8.3.3.1			
2.07	T	Pressure Reducing Valve	13.5.1.2			
2.08	T	Time Pump Runs After Starting (for automatic stop controllers)	8.3.2.8(2)(c)		min/sec	
2.09	T	Control Valve Test	13.3.3			

Pump System

2.10	T	Pump System: Check Pump Shaft End Play	Table 8.6.1			
2.11	T	Pump System: Check Accuracy of Pressure Gauges/Sensors	Table 8.6.1			
2.12	T	Pump System: Check Pump Coupling Alignment	Table 8.6.1			
2.13	T	Pressure Relief Valve	13.5.7.2			
2.14	T	Circulation Relief Valve	13.5.7.1.2			
2.15	T	Exercise Isolating Switch and Circuit Breaker	Table 8.1.2			

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Item		Description	NFPA 25 CA ed. Reference	Date	Comments Only	P,F,N/A
2.16	T	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		<input type="checkbox"/> 8.3.3.1.2.1 <input type="checkbox"/> 8.3.3.1.2.2 <input type="checkbox"/> 8.3.3.1.2.3	
2.17	T	Automatic Transfer Switch Test	8.3.3.4			
2.18	T	Alarm Tests	8.3.3.5			
2.19	T	Electronic Fuel Management Control System Test	8.3.3.8			
2.20	T	Trip Circuit Breaker	Table 8.1.2			
2.21	T	Operate Manual Starting Means	Table 8.1.2			
2.22	T	Parallel and Angular Alignment Test	8.3.4.4			
Diesel Engine System						
2.23	T	Battery System: Specific Gravity or State of Charge	Table 8.1.2			
2.24	T	Electrical System: Operation of Safeties and Alarms	Table 8.1.2			
2.25	T	Exhaust System: Excessive Back Pressure	Table 8.1.2			
Maintenance						
3.01	M	Lubricate Pump Bearings	Table 8.1.2			
3.02	M	Check Pump Shaft End Play	Table 8.1.2			
3.03	M	Check Accuracy of Pressure Gauges	Table 8.1.2			
3.04	M	Check Pit Suction Screens	Table 8.1.2			
3.05	M	Lubricate Coupling	Table 8.1.2			
3.06	M	Lubricate Right-angle Gear Drive	Table 8.1.2			
3.07	M	Tighten Electrical Connections	Table 8.1.2			
3.08	M	Lubricate Mechanical Moving Parts (excluding starters and relays)	Table 8.1.2			
3.09	M	Calibrate Pressure Switch Settings	Table 8.1.2			
3.10	M	Grease Motor Bearings	Table 8.1.2			
3.11	M	Check Voltmeter and Ammeter for Accuracy	Table 8.1.2			
3.12	M	Printed Circuit Boards without Corrosion	Table 8.1.2			
3.13	M	Any Cracked Cable/Wire Insulation	Table 8.1.2			
3.14	M	Any Leaks in Plumbing Parts	Table 8.1.2			
3.15	M	Any Signs of Water on Electrical Parts	Table 8.1.2			
3.16	M	Suction Screens	8.3.3.7			

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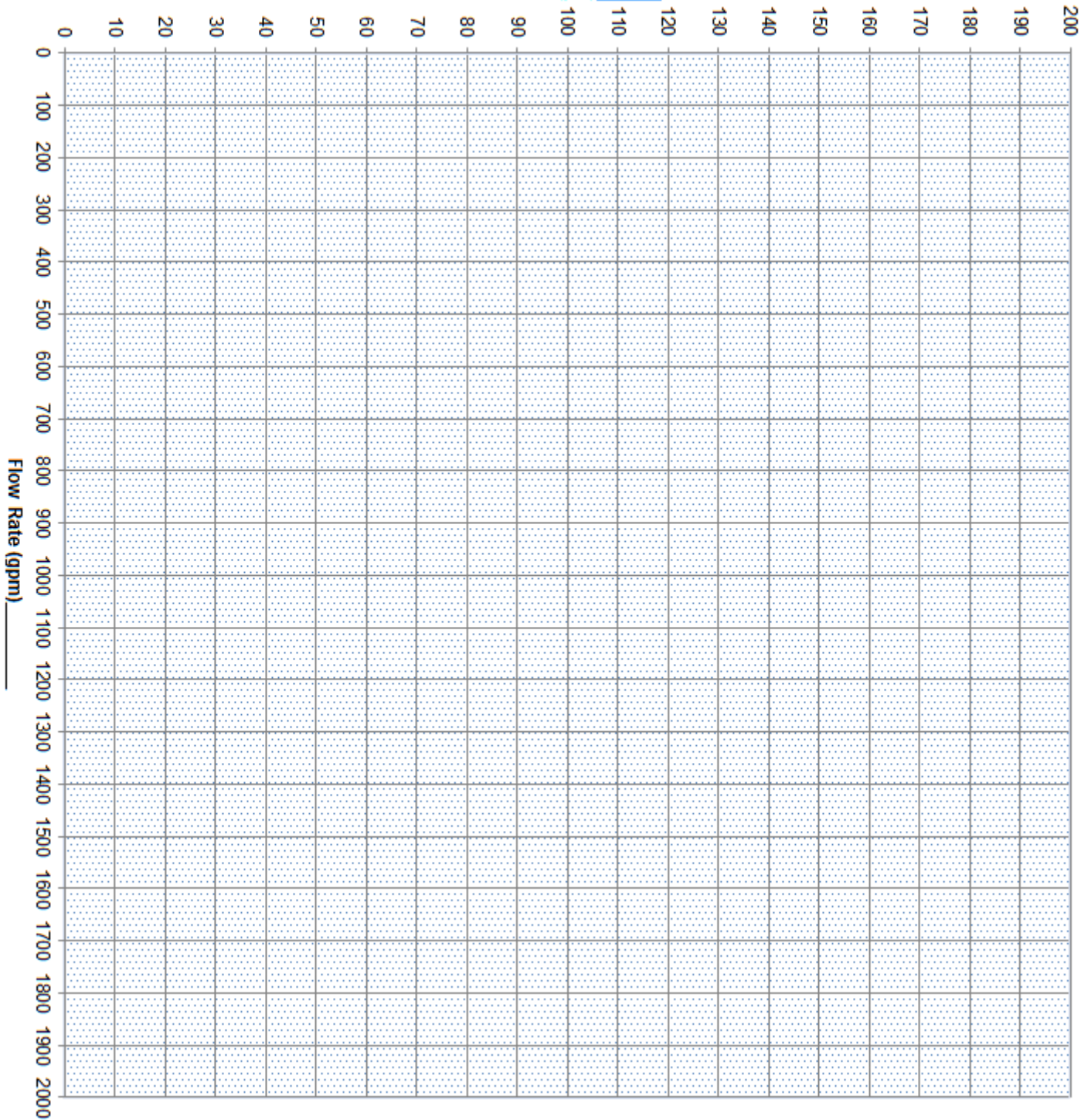


Contractor or Licensed Owner Information

Name

Job #

Pressure (psi)



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

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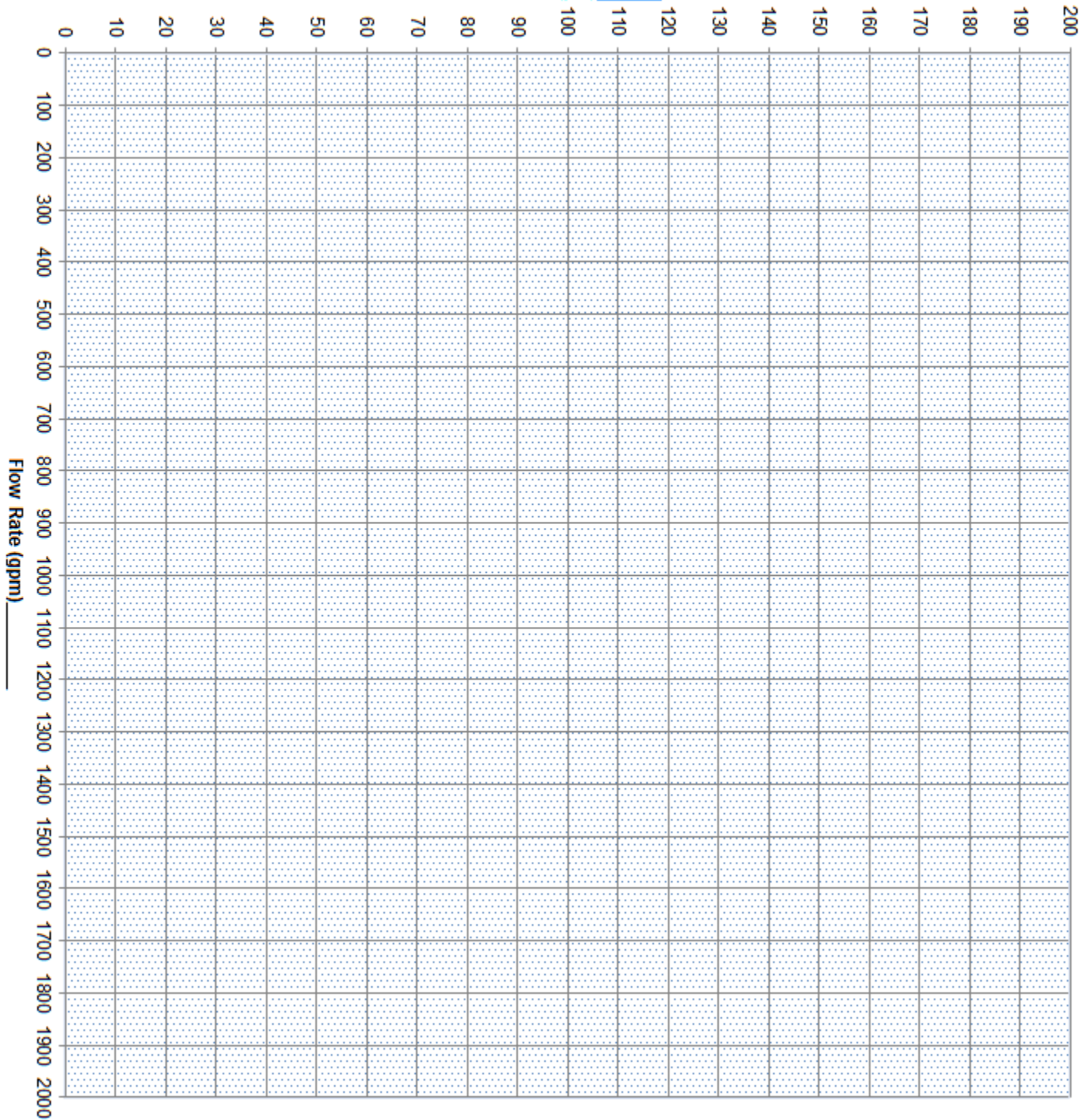


Contractor or Licensed Owner Information

Name

Job #

Pressure (psi)



Curve Identification:
4. Original unadjusted fire pump curve
5. Current unadjusted fire pump curve
6. Current unadjusted fire pump curve using total pump pressure + supply pressure