Property Information		Contractor or Licensed Owner Information
Building Name		Name
Address		Address
		City St. Zip
City	License #	Phone
Contact Person	☐ SFM	Job #
Phone	☐ CSLB	Misc.

Pump #		Pump and Driver Information			
Pump Manufacturer		Max Suction Pressure	psi	Driver Mfr.	
Pump Model		Max psi (shutoff)	psi	Driver Model	
Pump Serial #		Rated Capacity	gpm	Driver Rated RPM	
Rated RPM		Rated Pressure	psi	Fuel Tank Capacity	gal.
Controller Mfr		150% Rated Capacity	gpm		
Controller Model		Rated Pressure @ Rated Capacity	psi		
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							
	3							
	4							
	5							
	6							

Suction pressure at 150% of rated flow at least 0 psi? (8.1.6.1) ☐ Yes ☐ No

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) ☐ Yes ☐ No

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))

Property Information		Contractor or Licensed Owner Information
Building Name		Name
Address		Job #
City		

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?			
			☐ 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 *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 *(Test Header/Venturi Meter)*	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 *(same as water level in tank or static pressure in water main)*	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 *(same as suction gauge reading)*	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)			

Property Information		Contractor or Licensed Owner Information
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Annual Fire Pump Inspection, Testing and Maintenance

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Item		Description	NFPA 25 CA ed. Reference	Date	Comments Only	P,F,N/A
1.14	I	Wet Pit Suction Screens are Unobstructed and in Place	8.2.2(2)(f)			
1.15	I	Check Pump Packing Glands for Slight Discharge *(pump not running)*	8.2.2(2)(h)			
1.16	I	Check Pump Packing Glands for Slight Discharge *(pump running)*	8.3.2.8(1)(b)			
1.17	I	Suction Line Pressure Gauge Reading (pump running)	8.3.2.8(1)(a)		psi	
1.18	I	Discharge Pressure Gauge Reading (pump running)	8.3.2.8(1)(a)		psi	
1.19	I	Check for Unusual Noise or Vibration	8.3.2.8(1)(d)			
1.20	I	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	I	Observe Time for Motor to Accelerate to Full Speed	8.3.2.8(2)(a)			
1.23	I	Record Time the Controller is On 1st Step (for reduced voltage or reduced current starting)	8.3.2.8(2)(b)			
		Electrical System Conditions				
1.24	I	Controller "Power On" Pilot Light is Illuminated	8.2.2(3)(a)			
1.25	I	Transfer switch normal pilot light is illuminated	8.2.2(3)(b)			
1.26	I	Isolating Switch is Closed - standby (emergency) source	8.2.2(3)(c)			
1.27	I	Reverse Phase Alarm Pilot Light is Off, or, Normal Phase Rotation Pilot Light is On	8.2.2(3)(d)			
1.28	I	Oil Level in Vertical Motor Sight Glass is within Acceptable Range	8.2.2(3)(e)			
1.29	I	Power to Pressure Maintenance (Jockey) Pump is Provided	8.2.2(3)(f)			
		Diesel Engine System Conditions				
1.30	I	Fuel: Tank Level (two-thirds full)	8.2.2(4)(a)			
1.31	I	Fuel: Tank Float Switch	Table 8.1.2			
1.32	I	Fuel: Solenoid Valve Operation	Table 8.1.2			
1.33	I	Fuel: Flexible Hoses and Connectors	Table 8.1.2			
1.34	I	Fuel: Tank Vents & Overflow Piping is Unobstructed	Table 8.1.2			
1.35	I	Fuel: Piping	Table 8.1.2			
1.36	I	Lubrication System: Oil level	Table 8.1.2			
1.37	I	Lubrication System: Crankcase Breather	Table 8.1.2			
1.38	I	Cooling System: Level	Table 8.1.2			
1.39	I	Cooling System: Adequate Cooling Water to Heat Exchanger	Table 8.1.2			
1.40	I	Cooling System: Water Pump	Table 8.1.2			
1.41	I	Cooling System: Condition of Flexible Hoses and Connections	Table 8.1.2			

Property Information		Contractor or Licensed Owner Information
Building Name		Name
Address		Job #
City		

Annual Fire Pump Inspection, Testing and Maintenance

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

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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			

Property Information		Contractor or Licensed Owner Information
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Annual Fire Pump Inspection, Testing and Maintenance

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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		☐ 8.3.3.1.2.1 ☐ 8.3.3.1.2.2 ☐ 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			

Property Information		Contractor or Licensed Owner Information
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Annual Fire Pump Inspection, Testing and Maintenance

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

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Item		Description	NFPA 25 CA ed. Reference	Date	Comments Only	P,F,N/A
3.17	M	Control Valve Maintenance	13.3.4			
		Diesel Engine System				
3.18	M	Fuel: Water in System	Table 8.1.2			
3.19	M	Fuel: Strainer, Filter, Dirt Leg, or Combination Thereof	Table 8.1.2			
3.20	M	Cooling System: Antifreeze	Table 8.1.2			
		Lubrication System				
3.21	M	Lubricate Oil Heater	Table 8.1.2			
3.22	M	Crankcase Breather	Table 8.1.2			
3.23	M	Oil Change	Table 8.1.2			
3.24	M	Oil Filter	Table 8.1.2			
		Cooling System				
3.25	M	Water Strainer	Table 8.1.2			
3.26	M	Antifreeze Protection Level	Table 8.1.2			
3.27	M	Rod Out Heat Exchanger	Table 8.1.2			
3.28	M	Clean Louvers	Table 8.1.2			
		Exhaust System				
3.29	M	Drain Condensation Trap	Table 8.1.2			
		Battery System				
3.30	M	Remove Corrosion, Exterior Clean and Dry	Table 8.1.2			
		Electrical System				
3.31.	M	Boxes, Panels and Cabinets	Table 8.1.2			
3.32	M	Tighten Control and Power Wiring Connections	Table 8.1.2			
3.33	M	Circuit Breakers and Fuses	Table 8.1.2			
3.34	M	Inspect and Operate Emergency Manual Starting Means (without power)	Table 8.1.2			
3.35	M	Adjust Gland Nuts if Necessary				
3.36	M	Obstruction Investigation Required *(If "Yes", see Deficiencies and Comments Section for Results.)*	14.3		☐ Yes ☐ No	
3.37	M	System Returned to Service	4.5.3 15.7		☐ Yes ☐ No	

Property Information	Contractor or Licensed Owner Information
Building Name	Name
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City	

D = Deficiency   C = Comment   (*Indicate type*)

Item	*Date*	*Riser*	*D*	*C*	***Deficiencies and Comments*** *Indicate all equipment, devices and parts that were repaired or replaced*
			☐	☐	
			☐	☐	
			☐	☐	
			☐	☐	
			☐	☐	
			☐	☐	
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			☐	☐	
			☐	☐	
			☐	☐	

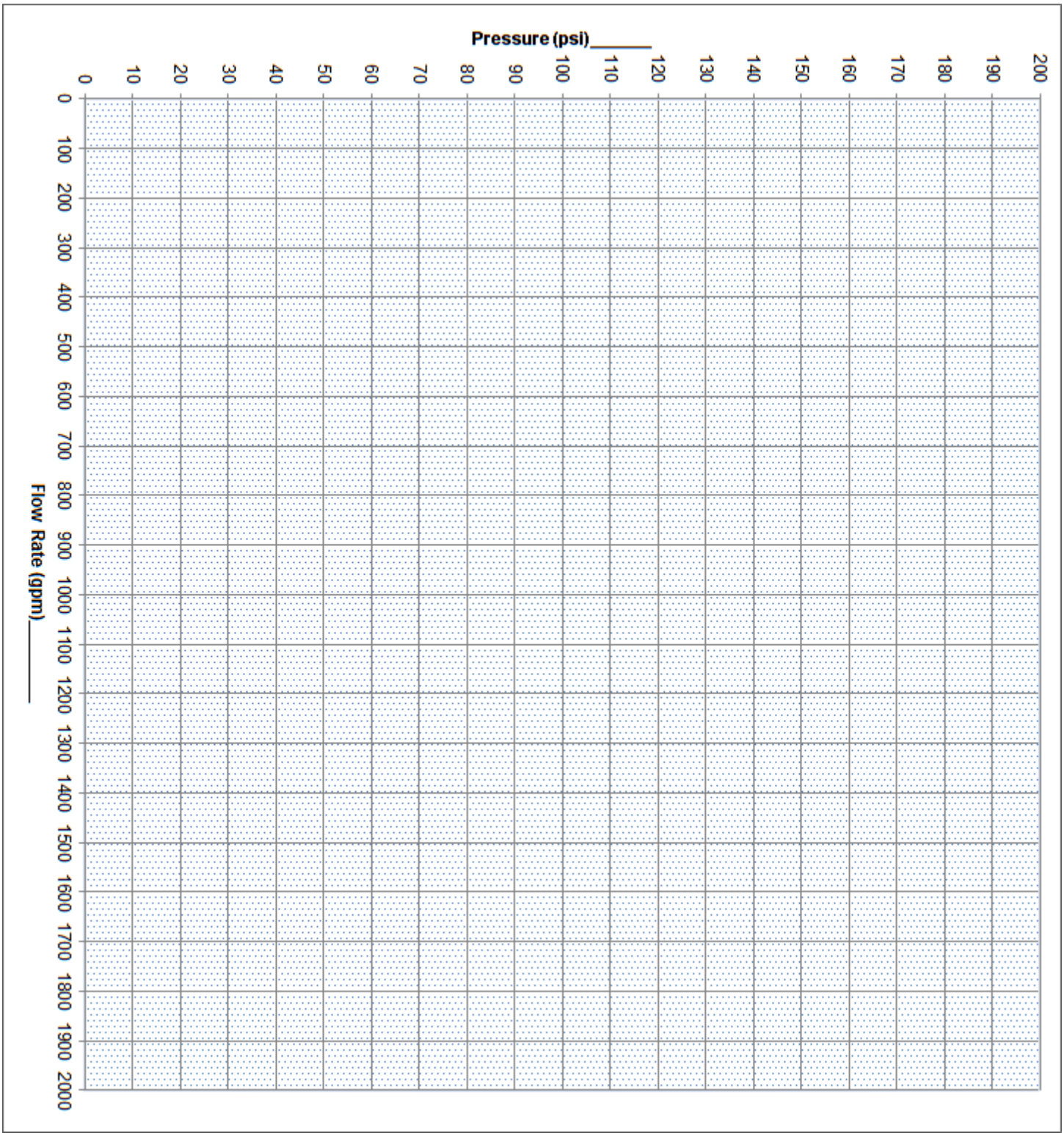
☐ Check here if additional Deficiencies and Comments are listed on Form AES9 — Number attached:

☐ See Correction Form AES 10 for corrected deficiencies. — Number attached:

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

Property Information		Contractor or Licensed Owner Information
Building Name		Name
Address		Job #
City		



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

Property Information		Contractor or Licensed Owner Information
Building Name		Name
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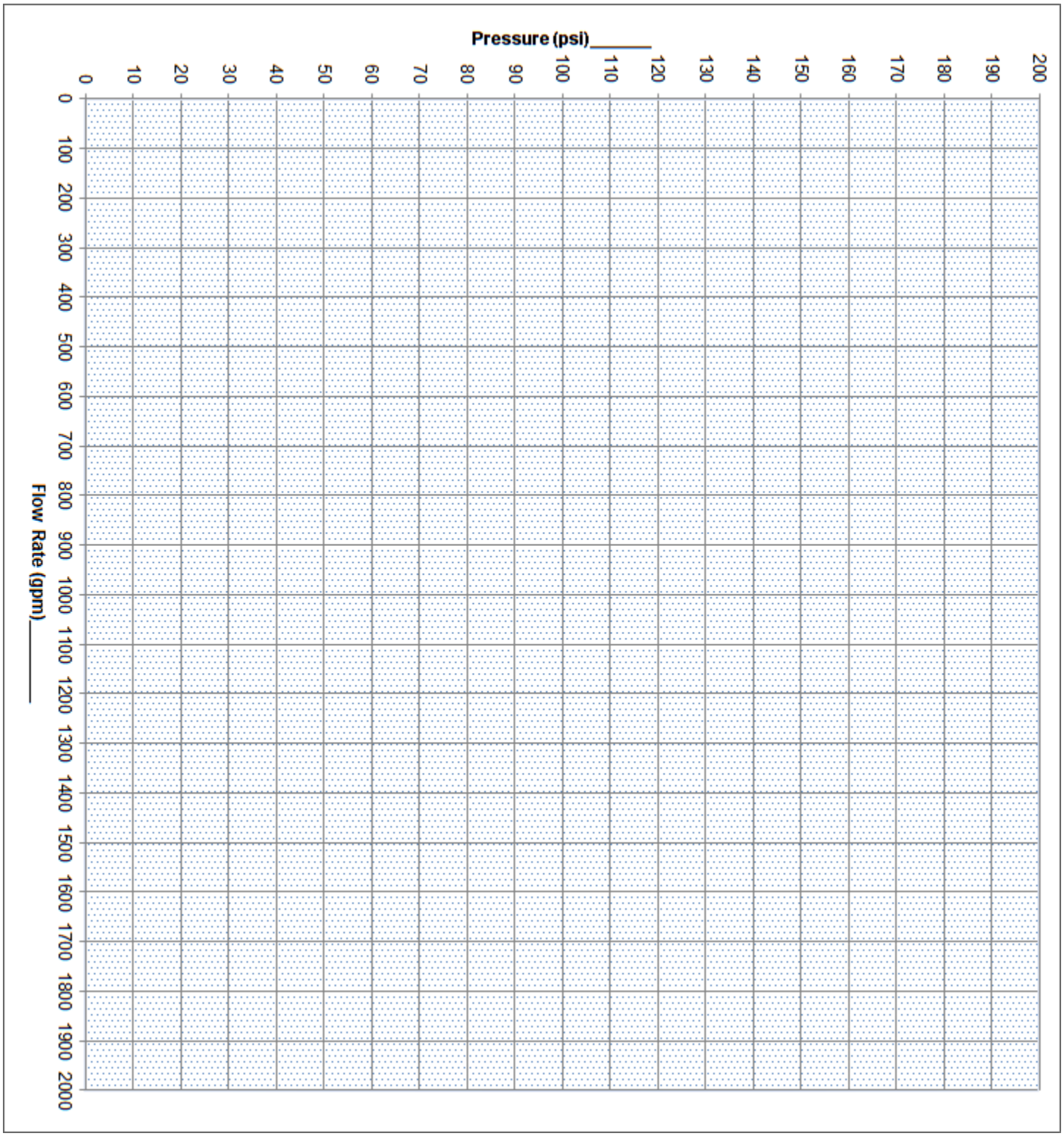

Curve Identification:
4. Original unadjusted fire pump curve
5. Current unadjusted fire pump curve
6. Current unadjusted fire pump curve using total pump pressure + supply pressure