

# Fire Pumps

## Fire Pumps Operating Tests

- Diesel Pump (Weekly Test)  
 Electric Pump (Monthly Test)

This form covers a 1-month period.

Year: \_\_\_\_\_ System: \_\_\_\_\_

Location: \_\_\_\_\_

Y = Satisfactory                      N = Unsatisfactory (explain below)                      N/A = Not applicable

Date: \_\_\_\_\_ Inspector: \_\_\_\_\_

	Y	N	N/A	Comments
Operate fire pump for 10 minutes (30 minutes for diesel pump)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check packing gland tightness (slight leak at no flow)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Record suction pressure from gauge in psi (bar)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Record discharge pressure from gauge in psi (bar)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Adjust gland nuts if necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check for unusual noise or vibration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check packing boxes, bearings, or pump casing for overheating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Record pump starting pressure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Observe time for motor to accelerate to full speed (diesel and steam pumps)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For reduced-voltage or reduced-current starting, record time controller is on first step	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Record time pump runs after starting for pumps having automatic stop feature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Record time for diesel engine to crank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Record time for diesel engine to reach running speed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check oil pressure gauge, speed indicator, water and oil temperatures while engine is running	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check heat exchanger for cooling water flow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Record steam pressure for steam-operated pumps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check water tank float switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check solenoids for proper operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Operate speed governor (internal combustion engine only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check steam trap (steam turbine only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check steam relief valve (steam turbine only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check controller alarms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Record any notes that the inspector believes to be significant in the corresponding action's comments field.

### Overall System Status

- Satisfactory                       Unsatisfactory

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

License/Certification No.: \_\_\_\_\_