



# NMSU FIRE DEPARTMENT FIRE PUMPS WEEKLY INSPECTION



This form covers a 3-month period. Year: \_\_\_\_\_

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

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

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

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

**Weekly**

Date																				
Inspector																				
Heat in pump room is 40°F or higher.																				
Intake air louvers in pump room appear operational.																				
Pump suction, discharge, and bypass valves are open.																				
No piping or hoses leak.																				
Fire pump leaking one drop of water per second at seals.																				
Suction line pressure is normal.																				
System line pressure is normal.																				
Wet pit suction screens are unobstructed and in place.																				
Water flow test valves are in the closed position.																				
Suction reservoir is full.																				
Controller pilot light (power on) is illuminated.																				
Transfer switch normal power light is illuminated.																				
Isolating switch for standby power is closed.																				
Reverse-phase alarm light is not illuminated.																				
Normal-phase rotation light is illuminated.																				
Controller selector switch is in "auto" position.																				



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Oil level in vertical motor sight glass is normal.														
Diesel fuel tank is at least 2/3 full.														
Voltage readings for batteries (2) are normal.														
Charging current readings are normal for batteries.														
Pilot lights for batteries are on or battery failure pilot lights are "off."														
All alarm pilot lights are "off."														
Record engine running time from meter:														
Oil level is normal in right-angle gear-drive pumps.														
Power to jockey pump is provided.														
Crankcase oil level is normal.														
Cooling water level is normal.														
Electrolyte level in batteries is normal.														
Battery terminals are free of corrosion.														
Water-jacket heater is operational.														
For steam-driven pumps, steam pressure is normal.														
Examine exhaust system for leaks.														
Check lube oil heater for operation (diesel pumps).														
Drain condensate trap of cooling system.														
Check for water in diesel fuel tank.														

See Main System Record of Completion for additional information, certifications, and approvals. Attach additional sheets, data, or calculations as necessary to provide a complete record.

Form Completion Date: \_\_\_\_\_

Supplemental Pages Attached: \_\_\_\_\_