Weekly Sprinkler Pump Test Card

Emergency Service Calls: **Armstrong Priestley Ltd - 0113 394 4040**

	Electric Pump			Diesel Pump											General						
1	2		3	4	5	6	7	8		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Week Ending	Cut in Pressure		Current Amps	Delivery Pressure	Engine Oil Level	Batteries OK	Coolant Water Level	Cut- in Pressure		Coolant Circulating	Engine Speed RPM	Delivery Pressure	Engine Oil Pressure	Engine Oil/Water Temperature	Manual start & 30 min test	Hours Run	Fuel tank Full	Suction Tank Full	Trace Heating In order	All valves Open/closed	Signals/Correctly Indicated & transmitted	Jockey Pump Checked	Pump house Heating in order	Tested By

The sprinkler pumps must be tested each week by running the electric pump for 15 minutes and the diesel pump for 30 minutes

Before carrying out the test you must advise the Central Station, Gatehouse, Works Staff and other necessary parties.

The sprinkler test outlined on this test card is generic you must refer to the pump manual or handbook, which was supplied with your sprinkler installation.

For Service Contact
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Electric Pump Test Procedure
Check electric supply is healthy and indicated on panel.
Simulate pressure reduction in system.
Record cut-in pressure.
Record the current being drawn in amps.
Record delivery pressure.
Run for 15 minutes to check pump bearings are not overheating
Check that sufficient cooling / churning water is flowing
Check packing gland of pump is sufficiently cooled by water drip.
Always monitor the electric pump / motor whilst it's running.
Stop pump and reset system.

Additional Monthly Checks: Physically check the tank water level and exercise the ball float valve. Safely secure the tank ladders. Check heater function. Exercise all main isolation valves.

Diesel Pump Test Procedure
Check the engine oil & coolant level and top up with correct oil or coolant if necessary
Check battery charger is working and test the battery cells with a hydrometer (if low replace batteries) check water level and top up if necessary with distilled water.
Simulate pressure reduction in system and record the cut-in pressure.
Shut off the diesel engine and restart manually, run for 30 minutes.
Check that sufficient cooling water is flowing and the ventilation works
Check packing gland of pump is sufficiently cooled by water drip.
Record the following: delivery pressure, engine running speed, oil pressure and oil / water temperature and the hours run on completion.
Always monitor the diesel pump / engine whilst it's running.
Stop pump and reset system. Top up the fuel tank.

Further copies of this test card are available from Armstrong Priestley Ltd or can be downloaded from the Internet @ www.armstrongpriestley.co.uk