

Electric				Diesel Pump Test Details												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 Temperature	Hours Run	30 min test Completed	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	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

The sprinkler pumps must be tested each week by running the diesel pump for 30 minutes and the electric pump for 10 minutes

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

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

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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 10 minutes to check pump bearings not overheating  
 Check that sufficient cooling water is flowing  
 Check packing gland of pump is sufficiently cooled by water drip.  
 Stop pump and reset system.

**Diesel Pump Test Procedure**  
 Check the engine oil level and top up with correct oil- 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.  
 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  
 Check packing gland of pump is sufficiently cooled by water drip.  
 Record the following: delivery pressure, engine running speed, oil pressure and temp., running hours  
 Stop pump and reset system.

**Further copies of this test card are available form Armstrong Priestley or can be downloaded from the Internet  
[www.armstrongpriestley.co.uk](http://www.armstrongpriestley.co.uk)**