

PUMP PERFORMANCE TEST

Apparatus number or designation _____ **Year manufactured** _____
Manufacturer _____ **Model** _____
Serial no. _____ **Vehicle identification no.** _____
Engine make _____ **Model** _____
Pump make _____ **Model** _____
Pump rated capacity _____ (gpm) (L/min) at _____ (psi) (kPa)
Speed check taken from _____ **Ratio to engine** _____
Test site location _____
Tests performed from Draft Hydrant
Suction hose size _____ (in.) (mm) **Length** _____ (ft) (m)

	At start of tests	At end of tests
Atmospheric pressure		
Air temperature		
Water temperature		
Elevation of test site		
Lift		

Governed engine speed _____ Actual maximum engine speed _____
 Verify operation of _____ pump shift indicator _____
 interlock at pump operator's panel _____ Verify operation of pump engine control
 Maximum vacuum attained _____
 Vacuum drop in 5 minutes _____
 Time to prime pump _____
 Pressure control device test:
 Rise while pumping capacity at 150 psi _____
 Rise while pumping capacity at 90 psi _____
 Rise while pumping 50 percent capacity at 250 psi _____
 Intake relief valve test results _____
 Tank to pump water flow test _____ (gpm) (L/min)
 Gauge accuracy _____ Flowmeter accuracy _____

Pump Test Results

	Capacity test	Overload test	200 psi test	250 psi test
Duration				
Average nozzle pressure				
Corrected pressure				
Gallons per minute				
Average pump pressure				
rpm—engine				
rpm—pump				

Comments _____

20-Minute Capacity Test

Layout _____ Nozzle size _____ Position of transfer valve _____

Time	Counter (if used)	rpm	Tach	Engine Temperature	Oil Pressure	Voltage	Automatic Transmission Temp (if equipped)	Pump Intake		Pump Discharge		Pitot/Flow
								Apparatus gauge	Test gauge	Apparatus gauge	Test gauge	

5-Minute Overload Test

Layout _____ Nozzle size _____ Position of transfer valve _____

10-Minute 200 psi Test

Layout _____ Nozzle size _____ Position of transfer valve _____

10-Minute 250 psi Test

Layout _____ Nozzle size _____ Position of transfer valve _____

Person _____ conducting the test _____

_____ Representing _____

_____ Signature _____

_____ Date _____

AHJ representative _____ Date _____