



Polk City Fire Department

Standard Operating Guidelines

310

#310 – Pump Operations – Engine 451

Date Issued: 05/31/2005

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Purpose:

To outline the steps to effectively operate the pump on Engine 451.

Procedure:

Start-up:

1. The truck should be running and the master switch on.
2. Put transmission in neutral and set the parking brake.
3. Unlock and pull pump shift back to “PUMP” position.
4. Put transmission in (D). Proceed to pump panel.
5. Close all open drains.
6. Pull tank to pump valve.
7. Open throttle control to about 1000 - 1200 rpm.
8. If no pressure comes on gauge, pull primer 5 - 10 seconds and recheck for pressure.
9. Bring up to at least 80 – 100 pounds of pressure on the gauge.
10. Open needed discharge lines.
11. Open engine cooler.
12. Turn relief valve slowly to “lower” until yellow light comes on and you see a slight drop in pressure. Then turn valve 1/2 to 1 turn “higher”.
13. Pressure is now set.

Shut down:

1. Decrease throttle to idle.
2. Close all discharge lines.
3. Close tank to pump, tank fill valve, or any other open intake valve.
4. Close engine cooler.
5. Crank relief valve 3 or 4 turns to “higher”.
6. Open all drain valves.
7. Shift transmission to neutral.
8. Move pump valve to “ROAD” position.