

## Lebanon Driver / Operator Qualifications

### **Brush 517**

#### **Prerequisites**

1. Signed off on Squad 519

#### **Driving**

1. Squad 519 Driving items 1-4.

#### **Equipment**

1. Squad 519 equipment items 1-5 plus.
2. Can setup and use truck winch in front or rear of truck.

#### **Pumping**

1. Can identify major pump components and their functions, including: engine, pump, intake, discharge, pump drain, impeller, gauges.
2. Knows how to check pump fluid levels (oil and gasoline) and refill as needed.
3. Can start pump both with starter button and manually.
4. Obtains reasonable working pressure for a given situation.
5. Knows what each valve is for and correctly sets them, including: 2 intake valves, 4 discharge valves, exhaust valve, primer valve and pump drain valve
6. Demonstrates draining of water from pump and hose for storage during freezing weather.
7. Knows difference in pumping procedures for pump which has been drained for freezing weather from pump which is filled with water.
8. Demonstrates setting up a water supply from either tanker, hydrant or static water source.
9. Knows three different methods which can be used to fill the booster tank.
10. Knows two different methods to check booster tank water level.
11. Understands how to avoid damaging the booster tank by over-pressurizing it
12. Demonstrates pumping from booster tank, switching to pressurized source while pumping, and filling tank and switching back to booster tank while keeping a constant nozzle pressure.
13. Knows how to determine when pump has run dry and what changes need to be made operationally.
14. Understands the importance of circulating water through the pump and how to do it.
15. Demonstrates drafting from a static water source.
16. Demonstrates ability to be able to connect different hoses by use of appropriate adapters.