SOP 403 – **PUMPING PROCEDURE**

Trainee's Name:_____ Company Number:_____

Dates:_____

	Completed	Date	Instructor
1. Parking brake placed "ON"	☐	_____	_____
2. Shift transmission into neutral	☐	_____	_____
3. Shift to "ROAD TO PUMP"	☐	_____	_____
4. Check for green light	☐	_____	_____
5. Shift to "DRIVE"	☐	_____	_____
6. Check for speedometer reading	☐	_____	_____
7. Check for green light on pump panel	☐	_____	_____
8. Check for light on center of pump panel	☐	_____	_____
9. Check water gauge	☐	_____	_____
10. Check transfer valve for correct setting (volume or pressure)	☐	_____	_____
• *Pressure*- under ½ capacity of pump	☐	_____	_____
• *Volume*- pumping more then ½ capacity of pump	☐	_____	_____
• Acting as supply pumper	☐	_____	_____
• Pumping master streams	☐	_____	_____
11. Open "TANK TO PUMP VALVE"	☐	_____	_____
12. Check for pressure	☐	_____	_____
13. Open "RE-CIRCULATOR VALVE"	☐	_____	_____
14. Explain difference between pressure governor and relief valve	☐	_____	_____
15. *Pressure Relief Valve*-			
• Turn system on	☐	_____	_____
• Pump is flowing water	☐	_____	_____
• Increase pressure by increasing engine RPM	☐	_____	_____
• Increase pressure relief valve to achieve desired pressure	☐	_____	_____
• Gating down of additional lower set hand-lines to achieve proper relief pressure (set valve at highest hand-line)	☐	_____	_____
• Drain for pressure relief valve is closed to increase pressure	☐	_____	_____
16. *Pressure Governors*-			
• Switch to pressure mode on pump panel	☐	_____	_____
• Increase throttle to desired pressure	☐	_____	_____
• Explain system controls (pump pressure & throttle)	☐	_____	_____
17. Charging hand lines, open gate then increase throttle	☐	_____	_____
18. *Pumping From A Hydrant*-			
• Hook up correct line to hydrant	☐	_____	_____
• Set pump for attack lines with tank water	☐	_____	_____

	Completed	Date	Instructor
• After hydrant supply line is connected, call for water.....	☐	_____	_____
• Bleed off trapped air on 5" supply before opening gate on truck....	☐	_____	_____
• Ensure tank is full after establishing a water source.....	☐	_____	_____
• Close "TANK FILL" gate leaving the "TANK TO PUMP" open ..	☐	_____	_____
• Monitor incoming water supply for continual water feed	☐	_____	_____
• Monitor effects of water supply over-flow on the surrounding			
• Environment (drains, pavement)	☐	_____	_____