





NORTHERN WAKE FIRE DEPARTMENT

STANDARD OPERATING PROCEDURES

TITLE: Tanker Nurse (Without Siamese)	SECTION/TOPIC: Water Supply
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REVISION DATES:	APPROVED BY: Gary Vickerson  <hr/> PRESIDENT – BOARD OF DIRECTORS Tim Pope  <hr/> FIRE CHIEF

I. PURPOSE

- A. This Standard Operating Procedure defines the steps of utilizing a tanker nurse operation to supply water to the fire ground when operating without a Siamese.

II. SCOPE

- A. This Standard Operating Procedure applies to all personnel within the Northern Wake Fire Department.

III. PROCEDURE

A. Driver/Operator – Engine

1. Properly position engine at the incident location.
2. Engage parking brake.
3. Engage pump.
4. Chock rear wheel.
5. Open the tank-to-pump valve.
6. Open tank-fill valve.
7. Determine which pump discharge line(s) have been pulled.
8. Close tank fill valve.
9. Open proper pump discharge valve(s).
10. Increase throttle to desired pump discharge pressure.
11. Observe pump intake gauge (no more than 20" Hg).
12. Set pump discharge pressure relief valve.

13. Once the tanker arrives, connect a 3" nurse line to the engine's auxiliary pump intake valve.
14. Open the auxiliary pump intake valve air bleeder.
15. Notify the Driver/Operator of the tanker to charge the 3" nurse line.
16. Once all air has evacuated from the 3" nurse line, close the air bleeder to the auxiliary pump intake valve.
17. Open the auxiliary pump intake valve slowly and completely.
18. Adjust pump throttle and re-set pump discharge pressure relief valve
19. Close tank-to-pump valve.
20. Refill apparatus booster tank.
21. Observe pump intake gauge (no less than 10 psi residual pressure, no more than 50 psi residual pressure) and adjust accordingly.
22. If available, set pump intake pressure relief device.
23. Monitor all gauges continuously.

B. Driver/Operator – Tanker

1. Stop tanker 10-feet beyond the engine.
2. Properly position tanker for connection of a 3" nurse line.
3. Engage parking brake.
4. Chock rear wheel.
5. Engage pump.
6. Open tank-to pump valve completely.
7. Connect the 3" nurse line from the tanker's 3" pump discharge valve to the engine's auxiliary pump intake valve.
8. Advise engine Driver/Operator that you are safely prepared to send water to his/her engine.
9. Open the 3" pump discharge valve slowly and completely.
10. Increase pump discharge pressure to 50 PSI and maintain.
11. Observe pump intake gauge (no more than 20" Hg).
12. Set pump discharge pressure relief device.

13. Monitor all gauges