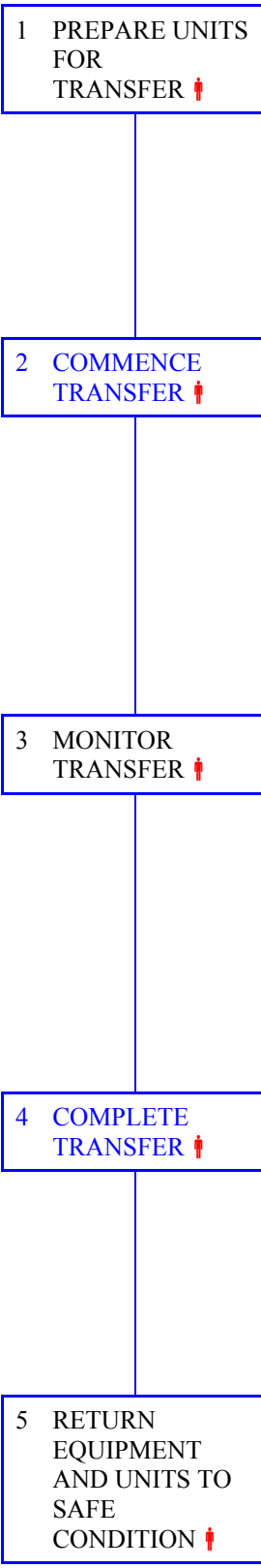


**Special Reminders**

**Procedure Overview Instructions & Explanations**

- † Long clothing, gloves, full face respirator, safety boots
- A leak may occur. Refer to **i<sub>2</sub>** on reverse side for more information
- i<sub>1</sub>** See reverse side for information
- i<sub>3</sub>** See reverse side for information
- i<sub>4</sub>** See reverse side for information
- i<sub>5</sub>** See reverse side for information
- <sub>1</sub>** Picture on front side
- <sub>2</sub>** Picture on front side
- <sub>3</sub>** Picture on front side
- <sub>4</sub>** Picture on front side
- #<sub>1</sub>** Enlarged picture on reverse side
- #<sub>2</sub>** Enlarged picture on reverse side
- #<sub>3</sub>** Enlarged picture on reverse side
- #<sub>4</sub>** Transfer Process Schematic



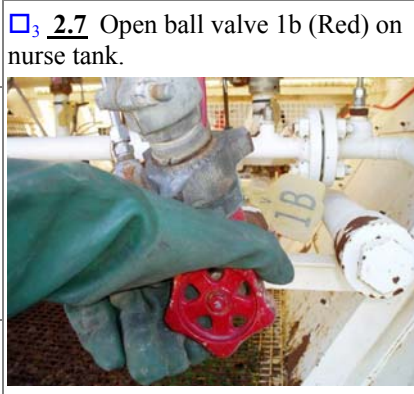
- ✓ **Pre-Checks** (Refer reverse page)
- 1.1 Open liquid and vapour internal valves 1 (Red) and 2 (Blue) together on the nurse tank. **i<sub>1</sub>#<sub>1</sub>**
  - 1.2 Open security cage for access to valves
  - 1.3 Remove dust cap from applicator tank valve 9 (Red)
  - 1.4 Connect nurse tank liquid hose end valve 8 (Red) to valve 9 (Red) on applicator tank. **□<sub>1</sub>**
  - 1.5 Remove dust cap from applicator tank valve 7 (Yellow)
  - 1.6 Connect nurse tank vapour hose end valve 6 (Yellow) to valve 7 (Yellow) on applicator tank.



- 2.1 Close all bleed screws on the valves.
- 2.2 Open valve 9 (Red) on applicator tank
- 2.3 Open valve 8 (Red) on applicator tank.
- 2.4 Open valve 7 (Yellow) on applicator tank.
- i<sub>2</sub>**
- 2.5 Open valve 6 (Yellow) on applicator tank.
- i<sub>2</sub>**
- 2.6 Slowly open ball valve number 2a (Blue) on nurse tank. **□<sub>2</sub>**
- 2.7 Slow open valve number 1b (Red) on nurse tank. **□<sub>3</sub>**
- 2.8 Ensure 4 way valve handle is in the load position.
- 2.9 Start compressor engine.



- 3.1 Check percentage volume gauge.
- 3.2 Partly open and then close fixed level bleed gauge at frequent intervals.
- 3.3 When tank is 60% full partly open fixed level bleed gauge and leave open.
- 3.4 When tank is 85% full, close the fixed level bleed gauge.



- 4.1 Close valve number 1b (Red) on nurse tank.
- 4.2 Clear liquid hose of liquid. **i<sub>3</sub>**
- 4.3 Stop the compressor engine.
- 4.4 Close valve 8 (Red) on applicator tank
- 4.5 Close valve 9 (Red) on applicator tank.
- 4.6 Close valve 6 (Yellow) on applicator tank.
- 4.7 Close valve 7 (Yellow) on applicator tank.



- 5.1 Bleed connections between liquid and vapour valves on applicator tank. **i<sub>4</sub>#<sub>2</sub>**
- 5.2 Disconnect hose end valves 8 (Red) and 6 (Yellow) from applicator tank.
- 5.3 Replace dust caps to applicator tank valves 9 (Red) and 7 (Yellow).
- 5.4 Stow hoses and secure hose end valves on nurse tank.
- 5.5 Close vapour valve 2a (Blue) on nurse tank.
- 5.6 Close the security cage.
- 5.7 Release the remote control ropes to close valve number 1 (Red) and valve number 2 (Blue). **i<sub>5</sub>#<sub>3</sub>**

✓ **Post-Checks** (Refer reverse page)

**✓ Pre-Checks** (Things to check before starting this process)

- Immobilize tractor and implement
- Check water bottles are full
- Remove caps and safety clamp from water bottles
- Check and fit PPE
- Check wind direction
- Ensure valves are closed off downstream

**✓ Post-Checks** (Things to check after completion)

- Check PPE and return to personal safety kit
- Replace caps to water bottles
- Return safety clamp on water bottle carrier

**#1 i1 1.1** Open liquid out and vapour internal valve 1 (Red) and 3 (Blue) on nurse tank.

1. Place activating ropes onto pegs.
2. Pull the red emergency shut down control handles up.
3. Release control handles.
4. Ensure valve 1 (Red) and 2 (Blue) are open.



**i2 2.4 & 2.5** Open valve 7 (Yellow) and 6 (Yellow) on applicator tank.

1. If a leak occurs, check the bleed screws are closed.
2. If the leak persists:
  - a. Close valves in question and bleed connection
  - b. Disconnect coupling
  - c. Check gasket
  - d. Replace gasket if necessary
  - e. Reconnect coupling

**i3 4.2** Clear liquid hose of liquid

1. Ensure valve 1b is closed.
2. Open valve 5 (Red) on nurse tank.
3. After approximately 15 seconds close valve 5 (Red) on nurse tank.

**#2 5.1 i4** Bleed connections

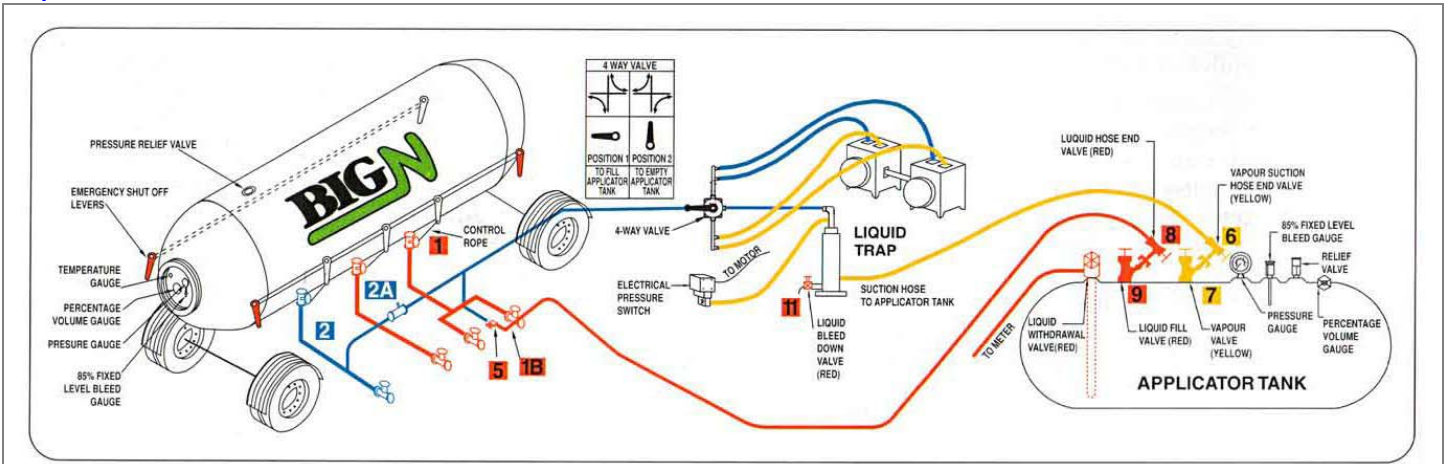


**#3 i5 5.7** Release remote control ropes

1. Pull down the red emergency shut down control handles.
2. Allow 15 seconds for the internal valves to close.
3. Ensure valve 1 (Red) and 2 (Blue) are closed.



**#4** Transfer Process Schematic



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