

## **Egg Harbor Fire Department and First Responders Standard Operating Guidelines**

**SUBJECT: CASCADE SYSTEM FILLING PROCEDURE**

**SOG 325**

**PURPOSE:** To outline proper procedure for filling cascade bottles from Compressor.

**SCOPE:** This policy shall apply to all members of the Egg Harbor Fire Department.

**PROCEDURE:**

Step 1: Locate cascade system in apparatus.

Step 2: Connect gray air compressor high-pressure filling hose to the cascade system fill nipple.

High-pressure filling hose is located in Station-2. Attach the warning label to the steering wheel of the apparatus.

Step 3: Open the valve on tank #1 and any other tanks that are low allowing air tanks to equalize.

Step 4: Close bleeder valve on fill valve and open the backfill valve located on cascade system.

Step 5: Open high-pressure hose valve that is now connected to back fill nipple.

Step 6: Go to the air compressor located in Station-2 and turn switch to the ON position.

Step 7: When the pressure has been reached and the air compressor will stop.

Step 8: Turn switch to the OFF position.

Step 9: Close the valve on tank #1 and any other tanks that are open.

Step 10: Close the backfill valve.

Step 11: Close high-pressure filling hose valve attached to back fill nipple. Open the bleeder valve on the fill valve.

Step 12: Disconnect high-pressure filling hose from cascade system. Roll hose up on reel and remove warning label from the steering wheel of the apparatus.

Step 13: Slowly open high-pressure cascade system filling hose valve to drain residual air and then close.