

Important User Notice Concerning SCOTT EZ Flo + and EZ Flo II + CBRN Regulators

DATE: February 19, 2008

TO: All Users of SCOTT EZ Flo CBRN Regulators

Carefully review this entire notice before taking action. Some users of EZ Flo + and EZ Flo II+ CBRN regulators have reported sticking of the diaphragm. Investigation has determined that build up of dirt and debris causes this condition. Sticking of the diaphragm may expose the user to the atmosphere the respirator was intended to protect against. Proper cleaning and maintenance procedures will limit buildup of foreign matter in the regulator, and prevent sticking of the diaphragm.

The CBRN Self Contained Breathing Apparatus (SCBA) is intended to protect the user's respiratory system from chemical, biological, radiological and nuclear contaminants. To ensure the proper operation of the SCBA, routine, regular maintenance is critical to proper function of the unit. One key element of the maintenance program is proper cleaning of the regulator. FIGURES 1 and 2 show the EZ Flo + and EZ Flo II+ CBRN regulators, easily identified because of their orange cover label.



FIGURE 1 – EZFlo I CBRN Regulator



FIGURE 2 – EZFlo II CBRN Regulator

SCOTT includes information on the CLEANING THE MASK MOUNTED REGULATOR and REGULATOR CHECK in its user instructions. Those instructions are reproduced on the following pages.

CLEANING THE MASK MOUNTED REGULATOR

NOTE

AFTER CLEANING THE REGULATOR, VERIFY THAT ALL MOISTURE HAS BEEN REMOVED FROM THE REGULATOR AS DESCRIBED IN THE **REGULATOR CHECK** SECTION OF THIS INSTRUCTION.

1. Remove the breathing regulator from the facepiece by pulling back on the locking clip and rotating the regulator 1/4 turn clockwise.
2. Remove any obvious dirt from the external surfaces of the regulator using SCOTT recommended sanitizing or disinfecting cleaner with a sponge or soft cloth.
3. Inspect the inside of the regulator assembly through the regulator opening. If excessive dirt or soil is present, forward regulator assembly to SCOTT trained authorized personnel for thorough cleaning.
4. Depress the donning/air saver switch, close the purge knob by turning fully clockwise. Use the SCOTT recommended sanitizing or disinfecting cleaner in the regulator opening and the immediate area around the opening (see FIGURE 3). Be sure to cover internal components completely.



FIGURE 3 – Cleaning the Regulator

5. Follow the user instructions for the SCOTT recommended cleaner. A specific contact time may be required for sanitizing or disinfecting before rinsing.
6. Rinse the regulator with drinking water using a spray bottle or gently running tap water.
7. Shake excess water out of regulator. Completely air dry the regulator before use.

NOTE

TO SPEED DRYING OF THE REGULATOR, GENTLY BLOW DRY WITH CLEAN, DRY BREATHING AIR OF 30 PSIG MAXIMUM. **DO NOT USE SHOP AIR OR ANY OTHER AIR CONTAINING LUBRICANTS OR MOISTURE.**

8. If regulator was disconnected from air supply for cleaning, reconnect and open purge valve to remove any moisture from regulator spray bar. Close purge valve.
9. Perform **REGULATOR CHECK** as detailed below.

REGULATOR CHECK

NOTE

THIS REGULATOR CHECK IS NOT INTENDED TO BE A COMPLETE FUNCTIONAL CHECK OF THE RESPIRATOR. **BEFORE NEXT USE, PERFORM A REGULAR OPERATIONAL INSPECTION AS DESCRIBED IN THE USE INSTRUCTIONS.**

1. Check to make sure the respirator cylinder is at least 1/4 full.
2. Verify that the donning/air saver switch is fully depressed.
3. Close the purge knob.
4. Reattach the regulator to the respirator, (if removed for cleaning).
5. Slowly open the cylinder valve at least one (1) full turn.
6. If air flow from the regulator is heard, close the cylinder valve, repeat steps 1, 2 and 3. If air flow is still heard, close the cylinder valve fully, tag unit for repair and remove from service.
7. Open the purge valve and observe the air flow from the regulator spray bar. Droplets of water indicate the regulator is not dry. Dry the regulator according to Step 7 of PROCEDURE FOR CLEANING THE MASK MOUNTED REGULATOR section and repeat the REGULATOR CHECK.

In step 3 of the **CLEANING THE MASK MOUNTED REGULATOR** instructions (above), SCOTT instructs the user to inspect the interior of the regulator assembly and if excessive dirt or soil is present to forward the regulator to SCOTT authorized personnel for thorough cleaning.

RECOMMENDATIONS

SCOTT Operating and Maintenance Instructions provided with each SCBA recommend:

“Respirators in regular use must be inspected at the start of each use period and during cleaning after each use. Respirators maintained for emergency use must be inspected at least monthly or as frequently as required to assure the respirator will function properly when required.”

SCOTT is recommending users have their CBRN SCBA's inspected and tested annually to ensure proper operation. This recommendation is in addition to the routine daily, weekly, monthly inspections recommended in the User Manual and is consistent with the recommendations in NFPA 1852 – **Standard on Selection, Care, and Maintenance of Open-Circuit Self-Contained Breathing Apparatus (SCBA)**.

SCOTT is separately notifying its authorized service centers that during this annual procedure, the CBRN regulators be partially disassembled, cleaned thoroughly, inspected, reassembled and tested to make sure the performance of the SCBA meets SCOTT specifications and instructions.

If you have any problems with the regulator, such as improper release of the air saver switch or sensing the outside atmosphere through the regulator, put the SCBA aside and do not use it. Tag it out for maintenance by a SCOTT Authorized Service Center. If you have any questions, contact your SCOTT Authorized Service Center or SCOTT Technical Service at 1-800-247-7257.



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