

Important User Notice

Concerning SCOTT EZ Flo II + CBRN Regulators

DATE: May, 20 2009

TO: All Users of SCOTT EZ Flo CBRN Regulators

Carefully review this entire notice before taking action. Some users of EZ Flo II+ CBRN regulators have reported diaphragms exhibiting cracks or tears in the diaphragm material. Investigation has determined that in some instances exposure to high ozone may accelerate deterioration of the diaphragm resulting in cracking and/or small tears in the diaphragm. Following the routine inspection procedures listed in the user manual and annual inspection of the diaphragm will help you identify the presence of such cracks and tears.

The EZ Flo II + CBRN regulator is approved for use on some Scott Air-Pak® 2.2/3.0/4.5, Air-Pak *Fifty* and NXG2™ CBRN compliant Self Contained Breathing Apparatus (SCBA). A 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 inspection and required maintenance is critical to proper function of the unit. One key element of the maintenance program is proper inspection of the regulator. FIGURE 1 shows the EZ Flo II+ CBRN regulators, easily identified because of their orange cover label.



Figure 1 – EZ Flo II+ CBRN Regulator

SCOTT includes information on the REGULAR OPERATIONAL INSPECTION of the mask mounted regulator in its user instructions provided with each respirator. Those instructions are reproduced on the following pages.

Excerpt from Regular Operational Inspection found in the Operation and Maintenance Instructions originally supplied with the respirator. (Additional copies of this document may be obtained by contacting Scott Health and Safety at 800-247-7257)

1. Check to make sure the respirator cylinder is at least $\frac{1}{4}$ full.
2. Fully depress the center of the air saver/donning switch on the top of the regulator and release.
3. Slowly open the cylinder valve by fully rotating knob counterclockwise. VIBRALERT alarm shall actuate and then stop. The HEADS-UP-DISPLAY will initialize with all five lights on for twenty seconds followed by display of cylinder supply level. If the LOW BATTERY light at the far right of the display remains lit or begins to flash, replace the battery according to the BATTERY REPLACEMENT section of this instruction before proceeding.
If the respirator is equipped with the PASS DEVICE distress alarm, the distress alarm will be actuated when the cylinder valve is opened. Refer to operating and maintenance instructions of the PASS DEVICE distress alarm for the operational inspection of the PASS DEVICE distress alarm.
4. Don the facepiece or hold the facepiece to the face to effect a good seal. Inhale sharply to automatically start the flow of air. Breathe normally from the facepiece to ensure proper operation.
5. Remove facepiece from face. Air shall freely flow from the facepiece.
6. Fully depress the center of the air saver/donning switch on the top of regulator and release. The flow of air from the facepiece shall stop. Examine the complete respirator for air leaks. There shall be no leakage of air from any part of the respirator.
7. Rotate purge valve $\frac{1}{2}$ turn counterclockwise (pointer on knob downward). Air shall freely flow from the regulator.
8. Rotate purge valve $\frac{1}{2}$ turn clockwise to full closed position (pointer on knob upward). Air flow from regulator shall stop.
9. Push in and rotate cylinder valve knob clockwise to close. When cylinder valve is fully closed, open purge valve slightly to vent residual air pressure from system. As the residual air pressure vents from the system, the remote pressure gauge needle will swing from "FULL" and move towards "EMPTY." Observe the lights of the HEADS-UP DISPLAY and verify that they light properly in descending order. Close the purge valve when the gauge needle crosses the " $\frac{1}{4}$ " mark but before the beginning of the red "EMPTY" band

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 of service” 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.