



**SCOTT™**  
Fire & Safety

## Immediate Action Required User Safety Notice SN122223

### Products:

**3M™ Scott™ Cylinder and Valve Assemblies**

### Impacted Dates:

October 3, 2023 – December 4, 2023

**3M™ Scott™ Cylinder and Valve Assemblies are safe to use once the instructions in this notice are carried out.**

3M Scott have been made aware of a small number of cylinder valves that experienced noticeable rates of leakage upon initial inspection when the valve handwheel was initially opened. This has been investigated and found to have been caused by an O-ring failure at the bonnet due to incorrect torque on the specific units in question. The root cause has been identified and mitigated, but we are notifying all users of all cylinder and valve assemblies to perform the required inspections of their respirators on a regular basis as defined in our User Instructions provided with the respirator.

### Identification and Customer Action

You are receiving this notice because you have been identified by 3M Scott as having purchased cylinders and/or valve assemblies from an authorized distributor that fall within the scope of this Notice. We have asked them to notify you.

If you own cylinder and valve assemblies, please inspect them in accordance with our User Instructions. If, after inspection, leaks are discovered, contact your 3M Scott Fire & Safety Authorized Service Center to complete the repairs required. Please note that it is unlikely a fielded SCBA, having been previously inspected and placed in service would be experiencing leaks of the type mentioned above. All 3M Scott User Instructions contain detailed guidance on the frequency and procedures for inspecting the respirator, including the breathing air cylinder and its components. See examples below in Figures 1. and 2. excerpted from 595373-01\_E User Instruction for the 3M™ Scott™ Air-Pak™ X3 Pro Self-Contained Breathing Apparatus (SCBA), NFPA 1981 (2018 Edition).

**Before You Begin**

Carefully read "Safety Information" on page 7 before beginning any of the procedures in this chapter.

Below is a summary of the requirements and recommendations for operational inspections of respirators:

- Inspect the respirator before each use and after each cleaning. (Clean the respirator after each use. See "Chapter 4: Cleaning & Storing the Respirator" on page 49).
- Inspect respirators for emergency use as frequently as required to ensure the respirator will function properly. The Occupational Safety and Health Administration (OSHA) of the U.S. Department of Labor requires at least monthly inspection of respirators for emergency use (29 CFR 1910.134).
- The National Institute for Occupational Safety and Health (NIOSH) recommends an inspection for cylinder pressure at least weekly.

Storage conditions at your location or the regulations that apply to your respiratory protection program may require more frequent periodic inspections.

Figure 1

**Performing Operational Testing**

Testing includes checking the basic operation of the respirator, followed by more thorough checks of the regulator, HUD, sensor module lights, and batteries.

**General Testing**

- Check that the breathing regulator purge valve (red knob on regulator) is closed (the pointer on the knob points up).
- Fully depress the center of the air saver/donning switch on the top of the E-Z Flo+ regulator or firmly pull the auto air-saver switch on the E-Z Flo C5 regulator latch and release.
- Slowly open the cylinder valve by fully rotating the knob counterclockwise (approximately two-and-one-half turns). Confirm that the following occur:
  - The Vibralert end-of-service time indicator sounds and then stops.
  - The HUD initializes.
    - All lights turn on for 20 seconds before displaying the cylinder's air supply level.
    - If the low battery light remains lit or begins to flash, replace the batteries before proceeding. See "Chapter 5: Replacing Batteries" on page 55.
  - If the respirator is equipped with a Personal Alert Safety System (PASS) device, you will hear three quick chirps when the cylinder valve is opened.
- Check that the remote pressure gauge is operating properly and that its reading is within 10% of the value on the cylinder pressure gauge.
- Don the facepiece or hold the facepiece to your face to create a good seal.
  - Inhale sharply to automatically start the flow of air. Breathe normally from the facepiece to ensure proper operation.
  - Remove the facepiece from your face. Confirm that air flows freely from the facepiece.
- Fully depress the center of the air saver/donning switch on the top of the E-Z Flo+ regulator or firmly pull the auto air-saver switch on the E-Z Flo C5 regulator latch and release. The flow of air from the facepiece will stop.
- Examine the complete respirator for air leaks. No air should leak from any part of the respirator.

Figure 2

We apologize for any inconvenience caused. If you have any additional questions about this Notice please contact your 3M Scott Authorized Service Center, or 3M Scott Technical Support so that a service professional can assist you in completion of the Notice. 3M Scott Technical Support can be contacted at 1-800-247-7257, or [scotttechsupport@3m.com](mailto:scotttechsupport@3m.com), or through the web at [www.3M.com/ScottFire](http://www.3M.com/ScottFire).



# Mesures immédiates requises Avis de sécurité de l'utilisateur SN122223

**Produits :**  
**Ensembles bouteilles et soupapes 3M<sup>MC</sup> Scott<sup>MC</sup>**

**Dates compromises :**  
3 octobre 2023 – 4 décembre 2023

**Les ensembles bouteilles et soupapes 3M<sup>MC</sup> Scott<sup>MC</sup> peuvent être utilisés en toute sécurité une fois que les instructions de cette notice ont été suivies.**

3M Scott a été informée de l'existence d'un petit nombre de soupapes de bouteille qui, suite à une première inspection, présentaient des fuites importantes lors de la première ouverture du volant de la soupape. Après enquête, il s'est avéré que ce problème était dû à une défaillance du joint torique du chapeau en raison de l'application d'un couple de serrage incorrect sur les unités concernées. La cause a été établie et le problème corrigé, mais nous informons **tous les utilisateurs des ensembles bouteilles et soupapes qu'ils doivent** procéder périodiquement aux inspections requises de leurs appareils de protection respiratoire, comme indiqué dans les directives d'utilisation fournies avec l'appareil.

### Identification des clients et mesures à prendre

Si vous recevez cet avis, c'est parce que vous avez été reconnu par 3M Scott comme ayant acheté, auprès d'un distributeur agréé, des bouteilles et/ou des assemblages de soupapes qui relèvent de cet avis. Nous avons demandé à ce distributeur de vous en informer.

Si vous possédez de tels ensembles bouteilles et soupapes, **veuillez les inspecter conformément à nos instructions d'utilisation**. Si vous constatez la présence de fuites lors de l'inspection, veuillez communiquer avec votre centre de service autorisé Sécurité incendie et industrielle Scott 3M pour qu'il effectue les réparations nécessaires. Veuillez noter qu'il est peu probable qu'un APRA sur le terrain ayant été précédemment inspecté et mis en service présente des fuites du type décrit ci-dessus. Toutes les directives d'utilisation de 3M Scott fournissent des indications détaillées sur la fréquence et les procédures d'inspection de l'appareil de protection respiratoire, y compris de la bouteille et de ses composants. Vous trouverez des exemples ci-dessous dans les figures 1 et 2, extraites de la directive d'utilisation 595373-01\_E de l'Appareil de protection respiratoire autonome 3M<sup>MC</sup> Scott<sup>MC</sup> Air-Pak<sup>MC</sup> X3 (APRA), NFPA 1981 (édition 2018).

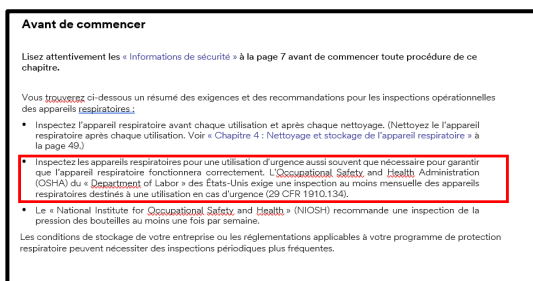


Figure 1

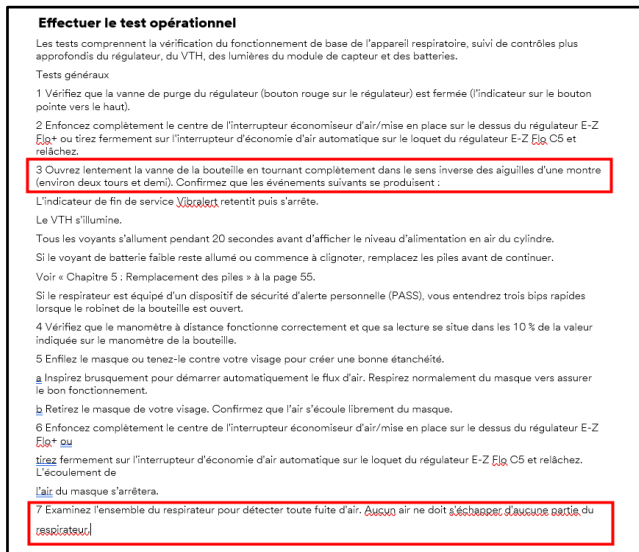


Figure 2

Nous nous excusons des inconvénients causés. Si vous avez des questions supplémentaires au sujet de cet avis, veuillez communiquer avec votre centre de service autorisé 3M Scott ou le soutien technique 3M Scott afin qu'un professionnel du service puisse vous aider à compléter le processus de l'avis. Le soutien technique 3M Scott peut être contacté à 1 800 247-7257, à [scotttechsupport@3m.com](mailto:scotttechsupport@3m.com) ou par le Web à [www.3M.com/ScottFire](http://www.3M.com/ScottFire).