



The Safety Company

MSA Corporate Center

1000 Cranberry Woods Drive

Cranberry Township, PA 16066

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www.MSAsafety.com

User Advisory

MSA AirElite 4h Breathing Apparatus

October 2024

PLEASE READ NOW AND TAKE ACTION

Dear MSA Customer,

MSA is issuing this User Advisory to inform you of an updated start-up and donning procedure for the MSA AirElite 4h Closed Circuit Breathing Apparatus.

MSA has received an isolated report from a customer that recently had an occurrence of a canister malfunction during start-up of the device. Our investigation has determined that the likelihood for another occurrence is very low.

MSA has not received any reports of injuries associated with this condition. However, it is necessary that you follow the actions outlined in this notice.

The new procedure requires unit startup prior to donning the device. Further, the new procedure requires the user to wait three minutes after the function test before connecting the hose to the face mask, and another two minutes before tightening the waist belt.



Figure 1 – MSA AirElite 4h Closed Circuit Breathing Apparatus

Start-up and Donning Procedure

All customers must follow this new start-up and donning procedure detailed below, which replaces the procedures defined in section “4 Operation” of the Operating Manual (10067731 rev 10). The Operating Manual for the Air Elite will also be updated to Revision 11 to reflect this change.

Warning!: Start the device in a non-hazardous area that is free of flammable objects and equipped with suitable fire extinguishing capabilities (metal box, sand).



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1. Disconnect the charging cable and close the charging socket.
2. Press test button on IC-Air for approx. 1 second (chapter 4.4 Monitoring Unit and Consumption Indicator IC-Air).
 - a. LED lights red and changes to green.
 - b. LCD symbols and software version appear on the display.
 - c. Brief acoustic signal sounds.
 - d. Background light in the display illuminates.
 - e. Indication of canisters fitted (4 h, 2 htr or 4 htr) and indication "go".
 - f. Thereafter the IC-Air switches off.

Note:

- i. If not used, the lead sealed device can be returned to storage in readiness
 - ii. During test, do not start the device. However, if you have disconnected the breathing hose assembly from the socket on the shoulder harness, the display "go" remains stable, as the device remains in test mode, the canisters are not started. In this case, reconnect the hose assembly to the socket again. To start, remove the mask connection from the socket again.
 - iii. If the red LED flashes, the Err display with the error code is shown alternately or an audible warning sounds, the system is not ready for use. After approx. 15 seconds the IC-Air switches off by itself. Connect hose assembly to the socket again. Carry out troubleshooting and re-establish readiness.
3. Shoulder the device.
Caution!: Keep the waist belt open. Do not close the hose holder.
4. Don 3 SR AirElite, Advantage AirElite or Facepiece G1 AirElite full face mask (see operating manual for the full face mask).
5. Check the fit of the full face mask during inhalation and exhalation using the palm test (see operating manual for the full face mask).
Note: The full face mask must be tightened carefully to avoid loss of breathing air.
6. Remove connector of the breathing hose assembly by gently turning handwheel and pulling it entirely out of the holder on the left shoulder harness. The lead seal breaks. The device automatically starts a function test and IC-Air indicates "100" after approx. 15 seconds.
7. After 3 minutes, insert the connector of the breathing hose assembly into the respirator full face mask.
8. Check the normal function of the device for a further 2 minutes.
9. Tighten waist belt strongly.
10. Adjust shoulder harness to allow the device weight to rest on the hips.
11. Close breathing hose support and adjust as required.
12. Press the cover cap onto the holder on the left shoulder harness.

The device is ready for use.



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MSA Customer Service Contact Information

If you have any questions regarding this User Advisory please contact MSA as shown below:

Europe, Middle East, and Africa:

Email us at ProductUserNotice@msasafety.com or contact your local MSA customer service representative.

China:

Email us at info.cn@msasafety.com or contact your local MSA customer service representative.

All other regions:

Contact your local MSA customer service representative.

Thank you for your continued trust in our products.

Issued by: Adam Troup
Product Safety Manager
on behalf of MSA Europe GmbH