



3M™ Scott™ ELSA EEBD-N Emergency Escape Breathing Device

NOTE: The new ELSA EEBD-N is replacing the ELSA respirator that was recently discontinued. In this document the discontinued product is referred to as the “legacy” ELSA respirator.

Question

What industries use emergency escape breathing devices (EEBDs)?

Answer

Many industries have EEBDs strategically located in areas where hazardous conditions may suddenly occur requiring breathing air for immediate escape. EEBDs are appropriate for chemical or petrochemical facilities, food and beverage locations, pulp and paper facilities, pharmaceutical industries, off-shore and mainland oil drilling platforms and general industry. They are also used in confined spaces across many industries as a precautionary measure in case of emergency.

Question

Can EEBDs be used to enter a dangerous area?

Answer

No. All EEBDs are designed and approved for escape only.

Question

Are EEBDs suitable for use in confined space?

Answer

Yes. Customers may choose to carry an EEBD respirator such as an ELSA EEBD-N for escape from an unanticipated event such as when the gas monitor indicates an environment of concern.

Question

Why is 3M Scott launching the “-N” series of ELSA EEBD?

Answer

The ELSA EEBD-N series is a NEW version of the trusted ELSA respirator, with multiple improvements based on customer feedback.

Question

How has the ELSA EEBD-N series been improved over the legacy ELSA respirator?

Answer

Improvements were made based on customer recommendations. Some key improvements include:

- New hood and patent-pending neck seal fits all wearers*
- Fully enclosed carry bag helps keep the respirator clean and free of insects and debris
- Redesigned carry bag with large window to make inspection of the gauge easier

- Integrated carry handle for added support during emergency use or while carrying
- Expansion of service capability of 3M Scott Authorized Service Centers

Question

Do you have data to support the claim that the new ELSA EEBD-N hood fits all wearers?

Answer

Yes, 3M Scott designed this product based on two different sets of anthropometric study data for head and neck circumference of thousands of respiratory wearers. Statistical data shows the new ELSA hood is sized to fit everyone in these two anthropometric studies.

Question

How has service capability been expanded with the new ELSA EEBD-N?

Answer

Service is provided through the 3M Scott Authorized Service Centers network. A service manual with component exploded views has been created to expand the ability to perform field repairs of the ELSA EEBD-N.

Question

Is the new ELSA EEBD-N suitable for use in marine applications such as off-shore oil drilling or on ships?

Answer

Yes, the new 10- and 15-minute ELSA EEBD-N meet the requirements of SOLAS Chapter II-2, Part D, and may therefore be suitable for use on ships and off-shore oil rigs; (SOLAS = Safety of Life at Sea).

Question

Can the ELSA EEBD-N be worn by someone with a beard?

Answer

Yes, the ELSA EEBD-N can be used by individuals with beards, as long as the beard does not interfere with the neck seal.

* per Zhuang & Bradtmiller (2005): Head-and-Face Anthropometric Survey of U.S. Respirator Users.

Question

If I have the legacy ELSA respirator, will I need to start using the new hood as my replacement hood?

Answer

Yes, the new “-N” hood is approved with the legacy ELSA EEBD and the legacy replacement hood, PN 2010880 is discontinued. All orders for ELSA replacement hoods will be fulfilled with the -N style hood (PN 8007204).

Question

What kind of fit testing is required?

Answer

Fit testing is not required in the US or Canada because the respirator utilizes a loose fitting hood. Follow the requirements of the authority having jurisdiction wherever respirators are used.

Question

Can the new ELSA EEBD-N respirator carry bag be used on the legacy ELSA respirator?

Answer

No, the new carry bag is not NIOSH approved for use with the legacy ELSA respirator.

Question

If I have the current ELSA respirator, will I be able to get it serviced once the new ELSA EEBD-N is launched?

Answer

Yes, service will continue to be available for the majority of parts.

- The reducer assembly (reducer, valve, hose) for the legacy ELSA respirator is the same as the new ELSA EEBD-N and will continue to be available.
 - Cylinders for the legacy ELSA EEBD will no longer be available once the new ELSA EEBD-N is launched, since the labels will change to reflect the ELSA EEBD-N NIOSH approval.
 - The legacy orange carry bags will continue to be available for one year, or while supplies last.
NOTE: Carry bags for the new ELSA are not NIOSH approved with legacy ELSA respirators. See above.
 - User replaceable hoods for the legacy ELSA EEBD are being replaced by the new “-N” style hood. Orders for replacement hoods for the current ELSA EEBD will be fulfilled by the new “-N” style hood as it is NIOSH approved on both the legacy and new ELSA EEBD-N series devices.
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Question

Can the cylinders be refilled?

Answer

The ELSA EEBDs all utilize rechargeable, compressed air cylinders. All cylinders used with ELSA EEBD must be visually inspected regularly and hydrostatically tested by a licensed cylinder re-tester in accordance with the appropriate US Department of Transportation (DOT) or Transport Canada (TC) specification, or the applicable DOT exemption.

Question

Does the hood fog up when the ELSA EEBD is used in cold weather?

Answer

EEBDs, including the ELSA EEBD-N, may fog during use due to the open nature of the hood, the amount of humidity in the wearer’s exhaled breath, and the temperature. 3M Scott recommends the application of an Anti-Fog Wipe (PN 2010173) to reduce fogging of the hood during use.

Question

Do I have to replace the hood after I use the ELSA EEBD-N in an escape situation?

Answer

If the ELSA respirator has been used for escape from a hazardous environment, the hood should be replaced.

If you have additional questions regarding 3M™ Scott™ ELSA EEBD-N respirator, please refer to your User Instructions, or contact 3M at the numbers listed below.

For Product Use and Application Questions, call **1-800-243-4630**

For Product Service and Repair Questions, call **1-800-247-7257**

For Product Order and Pricing Questions, call **1-800-247-7257**



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