

SCape CBRN³⁰



**Instruction Manual
Model: SCape CBRN³⁰**

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Patent 6,834,646

This product is designed for use in an emergency situation. You may not have time to read and understand all of the instructions and warnings in that situation. Please take the time to learn about your SCape CBRN³⁰ Respirator now and refresh your knowledge every 30 days. It's the best way to be prepared should you ever need to use the SCape CBRN³⁰ Respirator.

SAFETY PRECAUTIONS

The Danger, Warnings, Cautions, and Notes contained in this instruction manual have the following significance.

Δ DANGER
Danger indicates an imminently hazardous situation, which if not avoided, will result in serious personal injury, serious illness or death.

Δ WARNING
Warning indicates a potentially hazardous situation, which if not avoided, could result in serious personal injury, serious illness or death.

CAUTIONS
Caution indicates a potentially hazardous situation, which if not avoided, may result in damage to equipment and/or minor to moderate personal injury.

Note
Operating procedures and techniques or information considered important to emphasize.

Δ WARNING
DO NOT USE the SCape CBRN³⁰ Respirator until you have read and completely understand this instruction manual. You are required to inspect the packaging of the SCape CBRN³⁰ Respirator immediately after purchasing it. Refer to the inspection procedures in this manual which explain how to do so. Failure to comply with this WARNING may lead to serious personal injury, serious illness or death.

Note
The SCape CBRN³⁰ Respirator has been tested against live chemical warfare agents, agent simulants, and industrial chemicals under controlled, laboratory conditions. Protection time (time before breakthrough and loss of adequate protection) may decrease, depending upon agent type, agent concentration, breakthrough criteria, temperature and humidity. The protection time provided by the SCape CBRN³⁰ Respirator in an actual emergency will depend on the aforementioned variables. For this reason, the wearer should evacuate the contaminated area as quickly as possible, and should under no circumstances reenter the contaminated area. The SCape CBRN³⁰ Respirator is designed to operate for 30 minutes per NIOSH Statement of Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Air-Purifying Escape Respirator.

Table of Contents

I.	INTRODUCTION	2
II.	PRODUCT DESCRIPTION	4
III.	PARTS LIST	8
IV.	INSPECTION UPON RECEIPT	8
V.	OPERATION and TRAINING	9
	A. Donning (Putting the Hood On)	9
	1. Getting Ready	9
	2. Putting the Hood On	11
	B. Use	13
	C. Removing the Hood	13
VI.	MAINTENANCE AND CARE - PERIODIC FAMILIARIZATION AND INSPECTION	14
VII.	MAINTENANCE AND CARE - STORAGE.....	14
VIII.	NIOSH CBRN ³⁰ PERFORMANCE CRITERIA FOR 30 MINUTE ESCAPE RESPIRATOR	14
IX.	CUSTOMER SERVICE INFORMATION.....	15
X.	WARRANTY AND LIMITATION OF LIABILITY	15

I. INTRODUCTION

This manual provides instructions for the proper use and care of the **SCape CBRN³⁰ Respirator**. Before attempting to use the **SCape CBRN³⁰ Respirator** in an emergency you must read, understand, and be able to follow all instructions as specified in this **SCape CBRN³⁰ Respirator Instruction Manual**.

A NIOSH approval label is included as part of in this manual.

Δ WARNING

DO NOT USE the SCape CBRN³⁰ Respirator until you are fully acquainted with its proper use. In order to safely use the SCape CBRN³⁰ Respirator, you MUST comply with ALL of the following requirements:

- 1. Read, understand and follow all warnings and instructions as specified in this SCape CBRN³⁰ Respirator Instruction Manual, foil pouch and box.**
- 2. Review the instructions and warnings contained within this manual at least once every 30 days to ensure you understand how to use this device.**
- 3. The neck seal must fit tightly around the wearer's neck.**
- 4. The wearer should evacuate the contaminated area as quickly as possible and should under no circumstances reenter the contaminated area.**
- 5. Failure to comply with this warning may lead to serious personal injury, serious illness, or death.**

Δ WARNING (CON'T)

You must be fully familiar with the operation of SCape CBRN30 Respirator described within this manual prior to an emergency. Emergency situations can be stressful. To ensure that you obtain the maximum protection available from the SCape CBRN30 Respirator, you must read and understand these instructions before the emergency happens.

SPECIAL AND CRITICAL CAUTIONS AND LIMITATIONS

1. Do not use if blower is non-operational.
2. Remove respirator immediately if blower stops or after 30 minutes of use.
3. This respirator is to be used for escape only and will protect against the inhalation of certain respiratory hazards.
4. Not for use in atmospheres containing less than 19.5 percent oxygen.
5. Failure to properly use and maintain this product could result in serious personal injury, serious illness or death.
6. All approved respirators shall be selected, fitted, used, and maintained in accordance with MSHA, OSHA and other applicable regulations.
7. Refer to User's Instructions and/or maintenance manual for information on use and maintenance of this respirator.
8. Consult manufacturer's User Instructions for information on the use, storage and maintenance of this respirator at various temperatures.
9. This respirator provides respiratory protection against inhalation of certain gas and vapor chemical agents, biological particulates, and radiological and nuclear dust particles. This respirator provides limited dermal (skin) protection to the head area and eyes. This respirator does not protect against radioactive x rays, gamma rays or neutrons.
10. Eye irritation may be experienced based upon the Chemical, Biological, Radiological and Nuclear ("CBRN") agent and exposure (concentration and duration).
11. Some CBRN agents may not present immediate effects from exposure, but can result in delayed impairment, serious illness, serious injury or death.
12. CBRN agents, depending on how they are used, may provide disabling effects as a result of skin exposure.
13. Direct contact with CBRN agents requires proper handling of the respirator after use. Correct disposal procedures must be followed.
14. DO NOT USE for applications other than CBRN incidents.
15. DO NOT USE for gamma rays, x-rays and neutrons.
16. DO NOT USE for hazardous projectiles.
17. DO NOT USE for protection against or contact with liquid droplets of chemical warfare agents.
18. A written respiratory protection program must be implemented meeting all the requirements of OSHA 29 CFR 1910.134. In Canada, the Z94.4 requirements must be met. Annual training on how to store, care for, and use this product and the emergency escape plan is required.

II. PRODUCT DESCRIPTION

The SCape CBRN³⁰ Respirator is designed to aid in the protection against CBRN inhalation particulates during emergency escape situations. The **SCape CBRN³⁰** Respirator is designed to fit the general population.

The SCape CBRN³⁰ Respirator is comprised of a protective hood with integrated visor, a one-size-fits-all neck seal subject to minimum neck circumferences of 12.0 inches (30.5 cm), maximum neck circumferences of 17.75 inches (45.1 cm) and a maximum head circumference of 26 inches (66 cm), a CBRN canister, and a blower which provides filtered air. The clear hood covers your entire head, allows for easy visual identification of the wearer, and is designed to seal around the neck. A large visor protects the eyes and provides excellent optics. The elastic neck seal automatically adjusts to the size of the neck and provides a tight seal. An integral blower, which automatically turns on upon removal of the hood from the container, provides up to 30 minutes of filtered breathing air for the wearer (Figure 1). An LED on the blower illuminates when the blower is in the 'on' condition.

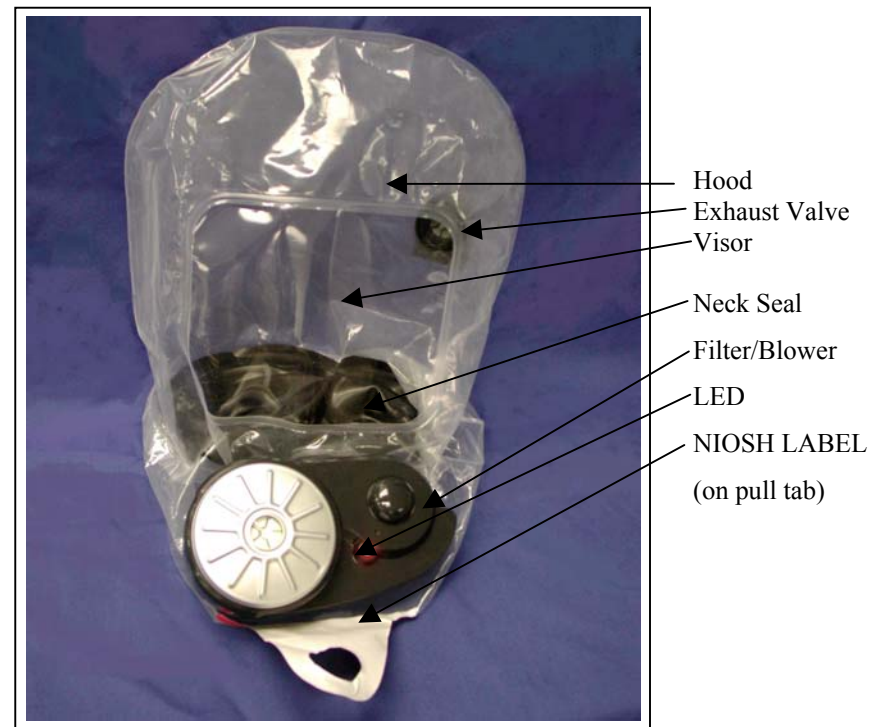


Figure 1. SCape CBRN³⁰ Respirator System

Δ WARNING

The SCape CBRN³⁰ Respirator is designed to protect against CBRN inhalation particulates during emergency escape situations. The SCape CBRN³⁰ Respirator is not suitable for other purposes, such as protection in fire/smoke situations or where oxygen content may be low. **DO NOT USE** the SCape CBRN³⁰ Respirator for protection against inhalation of asbestos and/or silica. **DO NOT USE** the SCape CBRN³⁰ Respirator while performing, observing, or working around sandblasting operations.

- The SCape CBRN³⁰ Respirator is provided in a vacuum sealed pouch. Do not open the vacuum sealed pouch until you are ready to use the product for a genuine emergency. Do not use an SCape CBRN³⁰ Respirator that was stored outside of the sealed pouch, or if the foil has been damaged.
- If the vacuum sealed pouch is damaged, the SCape CBRN³⁰ Respirator may also be damaged and may not function properly. The SCape CBRN³⁰ Respirator must be discarded and replaced if the vacuum sealed pouch has been opened or damaged, or the SCape CBRN³⁰ Respirator appears to be damaged.
- The SCape CBRN³⁰ Respirator must not be used under water, for fumigation, for interior structural fire fighting, abrasive blasting operations, or in areas where high heat, sparks, or flames could contact the hood.
- The SCape CBRN³⁰ Respirator must be used only one time. Do not reuse the SCape CBRN³⁰ Respirator. If the SCape CBRN³⁰ Respirator was exposed to any CBRN agents, it must be decontaminated before being discarded.
- You must fully understand the donning and proper operating instructions contained within this manual prior to an emergency.
- The useful life or effectiveness of the SCape CBRN³⁰ Respirator will depend on the concentration and type of contaminant.
- The system has been designed to fit users with neck circumferences from 12.0 inches (30.5 cm) to 17.75 inches (45.1 cm) and a maximum head circumference of 26 inches (66 cm).
- The SCape CBRN³⁰ Respirator may not be suitable for persons who suffer from claustrophobia.
- The SCape CBRN³⁰ Respirator must be worn and used as specified within this instruction manual in addition to the warnings printed on the foil pouch and box. No respirator can provide complete protection from all conditions. Use extreme care during emergency conditions.

Δ WARNING (Continued)

- **The SCape CBRN³⁰ Respirator will reduce, but will not eliminate the inhalation of contaminants. Some sensitive individuals may experience health problems when exposed to even minute amounts of contaminants. The SCape CBRN³⁰ Respirator may not prevent health problems for those individuals.**
- **The maximum long-term storage temperature range for the SCape CBRN³⁰ Respirator is 0°F (-17.8°C) to 130°F (54.4°C). Storage below or above these temperatures could cause premature deterioration. Examples of conditions which can induce temperatures above/below this include storage in a car, truck, or other vehicle, storage outside, or storage in an attic are therefore strongly discouraged.**
- **This device does not detect the presence of CBRN contaminants.**
- **All persons using the SCape CBRN³⁰ Respirator must be made aware of its limitations.**
- **The SCape CBRN³⁰ Respirator does not protect exposed areas of the body. Some contaminants can be absorbed directly through the skin while others may burn or irritate exposed areas. You must obtain additional skin protection in the event that you may be exposed to liquid, vapors, or gases that might burn or harm the skin or be absorbed through the skin to cause harm.**
- **The SCape CBRN³⁰ Respirator does not provide protection from hazardous radiation or harmful noise.**
- **The SCape CBRN³⁰ Respirator does not supply oxygen or air. Do not use the SCape CBRN³⁰ Respirator in atmospheres containing less than 19.5% oxygen by volume.**
- **The respirator must only be worn if the blower is functioning properly. If the blower is not functioning properly, do not don the respirator.**
- **Some individuals may have a respiratory disorder (including, but not limited to, asthma and chronic obstructive airway disease). If you have a respiratory disorder, you may not be able to withstand the increased breathing resistance of the SCape CBRN³⁰ Respirator, or you may have a severe reaction at contaminant levels well below accepted health levels, such as the OSHA Permissible Exposure Limit (PEL), ACGIH® Threshold Limit Value (TLV®), or the NIOSH Recommended Exposure Limits (REL). The SCape CBRN³⁰ will reduce, but will not eliminate the possibility of exposure to contaminants causing a severe reaction. Do not use SCape CBRN³⁰ Respirator until you obtain clearance from a medical doctor indicating that you can safely wear a respirator during emergency situations.**

Δ WARNING (Continued)

- **Modification of the SCape CBRN³⁰ Respirator in any manner will void and invalidate all warranties.**
- **Users must inspect, store, handle and use the SCape CBRN³⁰ Respirator only in accordance with these instructions.**
- **The SCape CBRN³⁰ Respirator may provide less than adequate protection if improperly used, which may result in serious personal injury, serious illness, or death.**
- **This SCape CBRN³⁰ Respirator instruction manual must be reviewed at least every 30 days.**
- **Do not use after the expiration date shown on the vacuum sealed pouch or label on box. DISCARD THE SCape CBRN³⁰ RESPIRATOR IF IT IS PAST THE EXPIRATION DATE AND REPLACE WITH A NEW ONE.**
- **Keep out of the reach of children. By its very nature, this product prevents breathing of ambient air, which can result in suffocation if worn for periods of time beyond those specified, and if worn when the blower stops or has stopped.**
- **Children under the age of 18 should only use this product while under the supervision of an adult who has read and understands the instructions within this instruction manual.**

Δ DANGER

- **The SCape CBRN³⁰ Respirator must not be used under water, for fumigation, for interior structural fire fighting, abrasive blasting operations, or in areas where high heat, sparks, or flames could contact the hood.**
It is impossible to predict what will happen to the SCape CBRN³⁰ Respirator in every potential environment. Materials can be chemically attacked if exposed to the wrong environment and may exhibit excessive corrosion or other forms of damage. Permeation or penetration of gases, liquids or particles through the materials could be excessive. Extreme temperature (less than 0°F (-17.8°C) or greater than 130°F (54.4°C)) might cause thermal degradation. Each of these things, or a combination of them, could create conditions in which the SCape CBRN³⁰ Respirator would be dangerous to use.
- **The SCape CBRN³⁰ Respirator must be worn for 30 minutes or less of use and only if the blower is functioning properly, indicated by an illuminated LED.**

III. PARTS LIST

Number	Description
Model # 6000-10435	SCape CBRN ³⁰ Respirator with Protective Container
Doc. # 6000-70520	SCape CBRN ³⁰ Respirator Instruction Manual

Also Available

Number	Description
Model # 6000-10435TN	SCape CBRN ³⁰ Respirator training unit

IV. INSPECTION UPON RECEIPT

Upon initial receipt of the product, perform the following;

1. Open the box and remove the contents. Contents include:
 - 1 ea. **SCape CBRN³⁰** Respirator in foil pouch
 - 1 ea. Instruction Manual
 - 1 ea. Foam Insert
 - 1 ea. Sheet of Bubble Wrap



Figure 2. Foil pouch in Box

2. Inspect the foil pouch for cuts or holes. If a cut or hole exists, the foil pouch will be loose around the container. Do not use if the foil pouch is not tightly sealed around the container. See Figure 3 below.
3. Read and become familiar with this manual.
4. Place the foil pouch containing the SCape CBRN³⁰ Respirator back into the box. Make sure the bubble wrap and foam insert are installed in the same position and/or orientation as received. (Align the hole in the foam insert with the yellow dot on the foil pouch.) Write the date of first inspection on the NIOSH label on the foil pouch. Place the manual inside and re-close the box. The respirator is now ready for storage and use in an emergency situation.



Figure 3. Visually inspect pouch for cuts, tears, or other damage.

V. OPERATION and TRAINING

A. Donning (Putting the Respirator On)

If these instructions are followed, the SCape CBRN³⁰ Respirator can be donned within 30 seconds. To properly don the respirator, follow the steps detailed below.

1. Getting Ready

- a. Remove the foil pouch containing the SCape CBRN³⁰ Respirator from the box. Note the donning instructions on the foil pouch.
- b. Hold the pouch upright, and locate the “TEAR HERE” label and small notch on the pouch (Figure 4).
- c. Grasp the side of the pouch with one hand below the notch and the other hand above the notch.
- d. Tear the pouch open to expose the plastic container.

e. Remove the red lid from the container and set aside (Figure 5).



Figure 4. Locate and open foil seal.



Figure 5. Remove Lid.

f. Remove the folded SCAPE CBRN30 Respirator from its container by pulling on the pull tab (Figure 6). The blower will begin to operate automatically. Do not use if blower is non-operational.



Figure 6. Remove respirator from container.

NOTE

Make sure the respirator is completely unfolded. All folded areas must be fully unfolded prior to donning the respirator.

2. Putting the Respirator On

⚠ WARNING

THE FOLLOWING PROCEDURE IS THE ONLY APPROVED METHOD FOR DONNING THE RESPIRATOR. FAILURE TO FOLLOW THIS PROCEDURE MAY RESULT IN DAMAGE TO THE PRODUCT AND/OR SERIOUS PERSONAL INJURY, SERIOUS ILLNESS, OR DEATH.

CAUTION

Take care not to dig fingernails, rings, or other sharp objects into the neck seal material while donning the respirator.

- a. Point the front of the respirator (the part with the blower and clear visor) away from yourself. Insert both hands through neck opening with palms facing each other (Figure 7).

Figure 7. Proper orientation of the Hood before donning



- b. With the back of the hands facing as shown, spread the neck seal open (Figure 8).



Figure 8. Spread the Neck Seal Open with Back of Hands

- c. Raise the hood above the head and insert the top of the head through the open neck seal, then lower the hands to bring the neck seal over your head in a single, fluid motion (Figure 9).

Δ CAUTION

DO NOT attempt to don the respirator by inserting the face or back of the head first and then lowering the hood over the rest of the head. Doing so may over stretch and damage the neck seal, resulting in loss of protection.



Figure 9. Spread and lower the hood over the head

NOTE

The hood can be worn with corrective lenses (glasses). When wearing eyeglasses, be sure the neck seal opening is spread wide enough to avoid hitting the eyeglasses.

- d. Smooth and adjust the neck seal to remove any rolls, folds, or creases to maximize comfort and sealing on the neck.
- e. Verify that nothing interferes with the seal between your neck and the neck seal. Place long hair above the neck seal and remove anything from between the neck and the neck seal, such as the collar of a shirt.
- f. If possible, use the “buddy” system, where you check the neck seal of the person next to you, and vice versa. The buddy should check for rolls, folds or creases or anything that interferes with the neck seal such as hair, or clothing.
- g. The canister/blower will be resting on your chest. Breathe normally.

B. Use

Δ WARNING

- **DO NOT use if blower is non-operational.**
- **Remove respirator immediately if blower stops or after 30 minutes of use.**
- **FAILURE TO COMPLY WITH THIS WARNING MAY LEAD TO SERIOUS PERSONAL INJURY, SERIOUS ILLNESS, OR DEATH.**

Once you have donned your SCape CBRN³⁰ Respirator you should exit to a safe area.

The SCape CBRN³⁰ Respirator is designed to operate and provide filtered air to the respirator for a period of 30 minutes. Blower operation can be determined by the following four indications:

- The red LED on the front of the blower will be illuminated
- The blower will be vibrating slightly and making sound
- You will feel air entering the front of the respirator and washing over your face
- The respirator will inflate slightly around your head

The respirator must be removed immediately if the blower stops operating or after 30 minutes of use.

C. Removing the Respirator

While the blower is operating and SCape CBRN³⁰ Respirator has been in use for less than 30 minutes, the SCape CBRN³⁰ Respirator should not be removed if you are not sure you are in a safe (uncontaminated) area. If you have been in a chemical-biological environment, the outside of the SCape CBRN³⁰ Respirator will be contaminated. Only persons wearing appropriate protective gloves or clothing should conduct respirator decontamination and removal. If you must remove the SCape CBRN³⁰ Respirator for emergency reasons and you have no gloves, then use whatever protection you can find that has not been exposed to contaminants. You and the SCape CBRN³⁰ Respirator must be decontaminated. Be aware that touching or removing a contaminated SCape CBRN³⁰ Respirator before it has been decontaminated could lead to skin contamination or exposure to toxic materials.

Once you have removed the SCape CBRN³⁰ Respirator be sure to place it where others cannot accidentally handle it. It must be disposed of carefully and in accordance with local, state, and federal guidelines.

VI. MAINTENANCE AND CARE - PERIODIC FAMILIARIZATION AND INSPECTION

Every 30 days the owner should do the following:

1. Review this instruction manual.
2. Check the first inspection date and the final expiration date on the outside of the box. The SCape CBRN³⁰ Respirator must be discarded 5 years from the first inspection date or by the final expiration date, whichever comes first.

VII. MAINTENANCE AND CARE - STORAGE

At all times, the SCape CBRN³⁰ Respirator must be kept in the unopened protective sealed pouch and box. SCape CBRN³⁰ Respirator should be stored near the user in an easily accessible location so that it can be readily retrieved and opened in the case of an emergency. Storage locations should provide for protection of the SCape CBRN³⁰ Respirator from dust and dirt, sunlight, extreme heat or cold, excessive moisture, damaging chemicals, and mechanical damage, such as crushing, puncturing, and abrasion.

VIII. NIOSH CBRN³⁰ PERFORMANCE CRITERIA FOR 30 MINUTE ESCAPE RESPIRATOR

System Level Agent (Smart Man)

Test Agent	Challenge Concentration	Service Time
Mustard (HD) Vapor	50mg/m ³	>30
Mustard (HD) Liquid	0.43-0.86 ml	>30
Sarin (GB) Vapor	210 mg/m ³	>30

Chemical Test Agents (Filter Gas Life)

Test Agent	Challenge Concentration (ppm) (64 lpm.@ both 25% and 80% RH)	Allowable Breakthrough (PPM)	Service Time (Min)
Ammonia (NH ₃)	1250	25	>30
Cyanogen Chloride (CK)	150	2	>30
Cyclohexane (C ₆ H ₁₂)	1300	10	>30
Formaldehyde (HCHO)	250	10	>30
Hydrogen Cyanide (HCN)	470	10	>30
Hydrogen Sulfide (H ₂ S)	500	30	>30
Nitrogen Dioxide (NO ₂)	100	1	>30
Phosgene (PH ₂)	125	1.25	>30
Phosphine (PH ₃)	150	0.5	>30
Sulfur Dioxide (SO ₂)	750	5	>30

IX. CUSTOMER SERVICE INFORMATION

If you need additional information on the SCape CBRN³⁰ Hood or any ILC Dover product, consult your distributor or contact:

Customer Service
ILC Dover
One Moonwalker Road
Frederica, DE 19946-2080
Phone: 800.631.9567 OR 302.335.3911, ext. 506
Fax: 302.335.1320
www.ilcdover.com

X. WARRANTY AND LIMITATION OF LIABILITY

1. ILC DOVER warrants all of its products against defects in workmanship, materials, and construction under normal use and service for the following periods of time and subject to the following conditions and limitations:
 - a. Promptly after receipt of each shipment of product, the BUYER shall inspect the products. All claims for shortages and visible, in-transit damage must be made within ten (10) days after receipt of the shipment by the BUYER. All other claims, including claims for alleged damaged or defective products, must be made within fifteen (15) days after the BUYER learns the facts upon which such claim is based, but in no event later than ninety (90) days after the BUYER receives the product. All claims not made in writing within the time periods specified in Section 1a shall be deemed waived.
 - b. ILC's responsibility under this warranty shall be limited to products manufactured by it. Claims arising out of components, equipment, and accessories sold but not manufactured by ILC shall be limited to such adjustments as ILC may obtain from the suppliers thereof.
 - c. This warranty shall not extend to any products that have been subject to misuse, neglect, or improper installation or application. In addition, it shall not apply to products that have been repaired or altered outside of ILC's factory by other than an authorized service representative of ILC. It is the responsibility of the BUYER to adhere to instructions and warnings of the product labels and accompanying operating instructions.
 - d. Defective products which the BUYER claims are covered by this warranty shall be returned to ILC prepaid and insured. (Reference paragraph 5.) Upon ILC's determination that the defective products are covered by this warranty, ILC will repair or replace, at its option, the defective products without charge to the

BUYER and will ship the repaired or replacement products to the BUYER prepaid at ILC's expense.

- e. All claims for defects in repaired products must be made in writing within fifteen (15) days after the BUYER learns the facts upon which such claim is based, but in no event later than sixty (60) days after the BUYER receives the repaired product.
2. Except for the warranty made in Section 1 above, ILC makes no warranty or representation of any kind, express or implied, with respect to the products, whether as to merchantability, fitness for a particular purpose, or other matter.
3. ILC's liability for any and all losses and damages to BUYER resulting from any cause whatsoever, including ILC's negligence, ILC's breach of the warranty in Section 1 above, and alleged damage or defective products, irrespective of whether such defects are discoverable or latent, shall in no event exceed the purchase price of the products with respect to which losses of damages are claimed, or, at the option of ILC, the repair or replacement of the damaged or defective products as more fully provided in Section 1 above. In no event, including in the case of a claim of ILC's negligence, shall ILC be liable for incidental or consequential damages or for any loss, damage, or expense directly or indirectly arising from the use of the products, from any inability to use them separately or in conjunction with any other equipment or materials, or from any other cause.
4. Any products returned for repair that are not covered by the Warranty set forth in Section 1 above shall be returned by Buyer to ILC at Buyer's expense. As to such products, ILC shall be entitled to charge Buyer for handling, inspection, testing, and repairing the products at its prevailing rates. Such products, whether or not repaired by ILC, shall be returned to Buyer at Buyer's expense, shipping charges collect.
5. No products shall be returned to ILC for any reason or purpose until ILC has been notified of the proposed return and Buyer has signed and returned an ILC Return Goods Authorization (RGA) form. Under no circumstance will ILC accept return of a product which has been exposed to known carcinogens, toxic, or biological materials.
6. This document contains the complete statement of product Warranty by ILC, and no Warranty or representation not set forth herein has been made to or is relied upon by Buyer. No course of prior dealings between ILC and Buyer and no usage of trade shall be relevant or admissible to supplement, explain or vary any of the terms of this document. The failure of either ILC or Buyer to insist upon strict adherence to any term of this document on any occasion shall not be considered a waiver or deprive ILC or Buyer, as the case may be, of the right thereafter to insist upon strict adherence to that term or any other terms of this document. This document can be

changed or terminated, or its provisions waived, only in a document signed by ILC and Buyer or their duly authorized agents.

Disclaimer of Certain Warranties: Limitation of Liability

Except as provided herein or in written materials furnished by ILC Dover, ILC Dover does not make any representation or warranty of any kind, express or implied, with respect to the SCape Hood, including any warranty as to its merchantability or any warranty as to its fitness for any particular purpose or use.

In no event shall the liability of ILC Dover exceed the purchase price of the product, and, in no event, including the case of latent defects, negligence or strict liability, shall ILC Dover be liable for incidental or consequential damages.

Δ WARNING

The failure to use and maintain the SCape Hood in strict conformance with the instruction manual may result in serious personal injury, serious illness, or death. The use of the SCape Hood in any manner that is not expressly authorized pursuant to the applicable instruction manual may result in severe adverse impacts to human health.

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Document No. 6000-70520

ECO: 052-0941-01

Rev: D

NOTES



THESE RESPIRATORS ARE APPROVED ONLY IN THE FOLLOWING CONFIGURATIONS:

SCape CBRN30 CBRN ESCAPE RESPIRATOR

RESPIRATOR COMPONENTS				
NIOSH APPROVAL NUMBER TC-	PROTECTION ¹	DESCRIPTION	HOOD ASSEMBLY	Cautions and Limitations ^{2,3}
			ESCAPE ONLY CBRN 30 RESPIRATOR	
PART NO.				
8000-10435				
14G-0277	ESCAPE ONLY CBRN 30		X	A,I,J,M,O,R,S,X,AA,DD,EE,FF,GG,NN

1. PROTECTION

Escape only CBRN 30 - for escape from CBRN environments for up to 30 minutes of use.

2. CAUTIONS AND LIMITATIONS

- A. Not for use in atmospheres containing less than 19.5 percent oxygen.
- I. Contains electrical parts that may cause an ignition in flammable or explosive atmospheres.
- J. Failure to properly use and maintain this product could result in injury or death.
- M. All approved respirators shall be selected, fitted, used, and maintained in accordance with MSHA, OSHA, and other applicable regulations.
- O. Refer to User's Instructions and/or maintenance manuals for information on use and maintenance of these respirators.
- S. Special or critical user instructions and/or specific use limitations apply. Refer to user instructions before donning.
- AA. This respirator is to be used for escape only and will protect against the inhalation of certain respiratory hazards.

3. CBRN Cautions and Limitations

- R. Some CBRN agents may not present immediate effects from exposure, but can result in delayed impairment, illness, or death.
- X. Consult manufacturer's User's Instructions for information on the use, storage, and maintenance of these respirators at various temperatures.
- DD. This respirator provides respiratory protection against inhalation of certain gas and vapor chemical agents, biological particulates, and radiological and nuclear dust particles. This respirator provides limited dermal (skin) protection to the head area and eyes.
- EE. Eye irritation may be experienced based upon the CBRN agent and exposure (concentration and duration)
- FF. CBRN Agents, depending on how they are used, may provide disabling effects as a result of skin exposure
- GG. Direct contact with CBRN agents requires proper handling of the respirator after use. Correct disposal procedures must be followed.
- NN. This respirator is a one-time use device with no replaceable parts. Discard after use regardless of contaminant exposure.