

# Inventory Management for PAPRs and Accessories

3M introduces a new Inventory Management Tool to help establish and maintain proper quantities of 3M™ Breathe Easy™ Powered Air Purifying Respirators (PAPRs) and accessories.

First response and receiver organizations have been preparing for emergency conditions that could result from terrorist activities and other man-caused and natural disasters. Decontamination facilities have been set up and personal safety products have been ordered to help protect against the contaminants that personnel may face. Establishing proper inventories of these products and managing the program has presented management with many challenges.

3M's new interactive Inventory Management Tool can help you determine the initial and on-going quantities of 3M Breathe Easy PAPR Systems and accessories as well as reorder dates for cartridges and batteries with expiration dates. There are several methods of determining optimal inventories. 3M focuses on factors such as personnel count, the number of decontamination tent lanes, stations per lane, the number of shifts and expectations of your facilities.

## Quick Overview: 3M Breathe Easy PAPR and Accessories Inventory Tool

**3M Breathe Easy PAPR Inventory Tool**

Facility Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Contact: \_\_\_\_\_

**PLEASE FILL IN THE YELLOW BOXES WITH THE APPROPRIATE INFORMATION**

Number of Decon Tent Lanes:  Number of Stations per Lane:  Number of Shifts (3 suggested):  Number additional PAPRs:

**Current Inventory**

Item	Expiration Date (mm/yyyy)	Expires in:	Quantities on hand	Suggested Inventory	Additional Inventory Needed
022-00-03R01, BE-10BR, 520-01-00R01, 520-01-21, 463-03-02 (3)		(FR-57 cartridges)	BE PAPR Kits		
Breathe Easy PAPR Unit Kit to include: PAPR, Butyl Rubber Hood, Breathing Tube, Flow Meter, FR-57 Cartridges (3 ea/per Kit)	EXPIRED		units	0 units	none needed at this time
	EXPIRED		units		
	EXPIRED		units		
	EXPIRED		units		
453-03-02R06	EXPIRED		cases	0 cases	none needed at this time
FR-57 Cartridges – additional – sealed in silver packaging (5 ea/case)	EXPIRED		cases		
	EXPIRED		cases		
	EXPIRED		cases		
520-04-07R01	EXPIRED		cases	0 cases	none needed at this time
Lithium Non-Rechargeable Battery (1 ea/case)	EXPIRED		cases		
	EXPIRED		cases		
BP-15	20-01-15R01 NiCd Battery TO BE REPLACED with BP-15 (1 ea/case)	cases NiCd	cases	0 cases	none needed at this time
NiMH Rechargeable Battery (1 ea/case) UPGRADE			BP-15 NiMH		BP-15 NiMH
BC-210	N/A		cases	0 cases	none needed at this time
Single Unit NiMH Smart Charger (1 ea/case)					

**The following accessories should be considered as part of your decon equipment inventory:**

RBE-TRN	Training ONLY Cartridges (8 ea/case)	N/A (Alternate: Expired FR-57 Cartridges)	cases	0 cases	none needed at this time
RBE-SC	Shower Covers for Decon (2 ea/case)	N/A	cases	0 cases	none needed at this time
RBE-FM	Foam Inserts for Butyl Rubber Hoods (1 ea/case)	N/A	cases	0 cases	none needed at this time
520-01-08R01	Battery Shower Covers water repellent (1 ea/case)	N/A	cases	0 cases	none needed at this time

— This is one method of determining the appropriate amount of PAPRs and accessories needed for an event based on current decon capacity —

# Determining and maintaining proper inventories of 3M™ Breathe Easy™ Powered Air Purifying Respirators (PAPR) and accessories

## The 3M Method

Using 3M's method, the basic inventory of PAPRs required to meet potential emergencies at each facility can be calculated based on a simple math formula:

$$\begin{array}{c} \text{(Number of decontamination tent lanes)} \\ \times \\ \text{(Number of stations per lane)} \\ \times \\ \text{(Number of shifts)} \end{array}$$

The resulting number gives a good approximation of the number of PAPRs needed at that facility.

## Interactive, Easy-To-Use Tool

The 3M Inventory Management Tool is an interactive tool that allows you (on your own or with assistance of your 3M representative) to enter your specific information in the designated fields. When this process is complete, you can compare your present inventory of 3M PAPRs and accessories to the optimal (suggested) inventory based on the needs of your facility. It can also help establish a schedule for reordering accessories that have expiration dates (cartridges and batteries). This tool will help assure that you have the correct PAPRs in the right quantities along with fresh cartridges and batteries to handle the kinds of emergencies that your facility may face.

## Fields In The Inventory Management Tool

- Facility name
- Location
- Primary contact
- Date of last update
- Number of tent decontamination lanes
- Number of stations per lane
- Number of shifts
- Cartridge expiration date
- Battery expiration date
- Current inventory on PAPR units and all accessories
- Suggested inventory for all items
- Additional inventory needed for each item to meet the suggested level



**General Offices**  
**3M Center**  
St. Paul, MN 55144-1000  
www.3M.com

**For More Information**  
**Sales Assistance:** 1-800-328-1667  
**Technical Assistance:** 1-800-243-4630  
**Website:** www.3M.com/OccSafety

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