

**Monthly Inspection Form for:
3M Breath Easy™ Powered Air Purifying Respirator with Tychem® QC or Butyl Rubber Hood**

Please see the *User Instructions* for complete information on proper use and limitations of this PAPR

IMPORTANT! Read the ENTIRE document before filling out the data.
Initial each box in the left column as you perform the inspection.

Inspector: _____ Unit Serial No.: _____ Date: _____

Cartridge Part # and Exp. Date
(applied to chemical cartridges only: _____ / _____ No. of months to expiration: _____

Lithium Battery Exp. Date: _____ No. of hours to expiration: _____

NiMH Battery Life in Hours: _____ No. of hours needed: _____

- BE-10 and BE-10BR Hood:** Inspect the hood for any rips, tears or seam separation

- Face Shield:** Examine the face shield for any scratches or visual distortion. BE-10BR hoods should be stored with the RBE-FIH insert to protect the visor.

- Butyl Rubber Hood:** Ensure that the Over-Pressure Valve is intact

- Breathing Tube:** Inspect for flexibility, holes or cracks

- Belt:** Inspect for flexibility. Ensure that the belt is complete and intact and free of tears or cracks

- Motor Blower:** Examine for housing for cracks. Using flow meter, and either NiMH or NiCd battery and appropriate cartridges or filter, check for required airflow rate – 6 CFM

- Motor Blower Port Gaskets:** Ensure that the three (3) gaskets are in place and not damaged

- Cartridges:** Ensure that they are not damaged. Ensure that the caps and plugs are in place
Write in the cartridge expiration date above
Note above, the number of months left to cartridge expiration date













- Lithium Battery (520-04-57R01):** This battery has a ten (10) year shelf life. It can't be re-charged
The manufacture date code (MM/YY) is printed on the side of the battery
As this battery is used, mark off the number of hours spent in operation
Note the number of hours left to Lithium Battery charge expiration

- NiMH Battery (BP-15):** Check for cracks.
This battery must be re-charged with and stored on the BC-210 Smart Charger
The date of mfr is denoted with color tape around bottom of battery (see below)

PAPR Battery Management:

- The purpose of a correct PAPR battery management system is to assure a reliable source of fully charged and fully functioning batteries to respirator users and to maximize the service life of the batteries through proper maintenance procedures.
- Correct battery management increases user productivity, and reduces battery replacement costs.
- Battery management system should be tailored to the specific battery user instructions.
- To ensure that the Lithium battery has not been used, place a piece of tamper-resistance tape over the plug.

NiMH battery year of manufacture color-coded legend:

Year	Color		Year	Color	
2005	Green		2011	Green	
2006	Yellow		2012	Yellow	
2007	Blue		2013	Blue	
2008	Red		2014	Red	
2009	White		2015	White	
2010	Brown		2016	Brown	

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! Warning ! Quick reference guide only. Before using this product, you must read the *User Instructions* for further information and warnings that if not followed could cause injury, sickness or death.

1. Connect the BC-210 charger to the NiMH battery. Lights on the charger will indicate status of the charging cycle. NiMH batteries should be stored on the charger. If using the non-rechargeable lithium battery, a manufacturing date code (MM/YY) is printed on the side of the label. Make sure the 10 year shelf life has not been exceeded. Check that there are enough hours remaining as marked on the battery usage matrix label (boxes numbered 1 to 12)



2. Perform a visual inspection of the:

- Head Gear
- Breathing Tube
- Blower
- Battery

Ensure that cartridges haven't been opened or expired.

Remove filter or cartridge caps and plugs, and attach to blower.

(3)

3. Perform a flow check. Insert airflow indicator into blower and turn PAPR on. Middle of ball in flow indicator must rise up to at least the "6 CFM" location on flow meter. If not, battery or filter/cartridge or both may need to be replaced. Repeat test.



4. Connect breathing tube to the blower and secure with screw clamp. Inspect the head cover or hood for damage. Attach the unit to your waist and turn PAPR on. Push the slotted end of the breathing tube into the connector in the rear of the head cover or hood until it snaps into place.

Pull the head cover (A) or hood over (B) your head and adjust it so the headband wraps around your head.

(A) For head cover, pull the elasticized edge of the faceseal under your chin.

(B) For the hood, tuck the inner shroud under your protective clothing and allow the outer shroud to hang outside your clothing.



5. After use and decontamination, remove other personal protective clothing and then the PAPR.

Return the NiMH battery to the charger.

If using a non-rechargeable lithium battery, mark the number of hours used on the side of the battery.

- Do not attempt to recharge the lithium battery.