

Appendix: H

MONTHLY SCBA INSPECTION

Each Self-Contained Breathing Apparatus unit stored for emergency use shall be inspected monthly to ensure proper operation. The following items noted below are suggested inspection procedures. Since there are numerous types of SCBAs available from different manufacturers, refer to the instructions specified in the owner's manual for proper operating procedures.

The department shall assign a responsible person(s) to conduct a monthly inspection of each SCBA unit and record the results on a copy of the *Monthly Maintenance Checklist Form* as follows:

- After breaking the seal, open the case and check the date on the plastic bag. If the mask has not been serviced within one year, consult safety personnel.
 - Inspect the hose by stretching it and looking for cracks or holes; check hose connections for deterioration. Place the mask in a new bag and seal it with a rubber band.
 - Examine the air cylinder pressure gauge for proper air pressure; check the tightness of the high-pressure air-hose connection at the cylinder. Ensure that the yellow valve on the regulator is on and fully open, that the red bypass valve is closed, and that the selector is in the demand or *off* position.
 - Open the air cylinder valve to pressurize the regulator; check that the regulator pressure gauge has approximately the same pressure as the cylinder gauge. Then close the air cylinder valve to see whether the pressure goes down. A noticeable decrease in pressure (within one to two minutes) indicates a defective regulator or hose.
 - Cup one hand over the regulator outlet and inhale. The regulator should deliver air during each inhalation. Next, try blowing into the regulator outlet; if air can be blown into the outlet, the regulator is defective.
 - Open the red bypass valve slightly--air should flow. Then, close the bypass valve, bleed the air out slowly using the "on-off" lever. Watch the regulator pressure gauge to see whether the alarm sounds when the pressure reaches about 500psi.
 - Check the harness, backpack, and air cylinder for wear or damage.
 - After inspecting the SCBA unit, fill out the *Monthly Maintenance Checklist Form* found in or on the case. The records should be marked to reflect the month and day of inspection and the inspector's initials.
 - After the inspection, the case or cabinet shall be secured with a seal.
 - Should defective equipment be found or servicing the unit be required, the inspector shall take immediate action to correct any deficiencies.
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MONTHLY MAINTENANCE CHECKLIST FOR SCBA UNITS*

Department _____ Person(s) Responsible _____
 Ph. No. _____

Model #	Serial #	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1. Mask and hose - Examine for contamination, damage, and deterioration.													
2. Stretch hose - Check for lightness of assembly and cracking.													
3. Examine harness for wear and function of hardware.													
4. Test unit as worn (regular hooked up to cylinder).													
a. Check cylinder gauge for full indication.													
b. Open cylinder valve, filling regulator and hose.													
c. Close cylinder valve. Compare regulator gauge to cylinder gauge (+ 50 pal allowable).													
d. Watch regulator gauge for drop in reading, which would indicate leakage. (One increment on gauge in 5 minutes is allowable).													
e. Breathe unit down until Pak Alarm starts. Check regulator gauge for indication of pressure. Alarm should start at about 1/4 full.													
f. Close yellow know; open and close cylinder valve.													
g. Slightly breathe on regulator to check shut-off of yellow know (On-Off Valve). Regulator should not flow.													
h. Open yellow know full and lock.													
i. Open red knob (bypass) and bleed off pressure.													
j. Close red knob. Replace unit in ready.													
Date inspection was made.													
Inspector's initials.													