

TO BE USED WITH STANDARD 2600SEG210 FOR BREATHABLE AIR

REVISION: A
APPROVED BY: ORIGINAL SIGNED

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EFFECTIVE DATE: 15-DIC-06

1.0 Self-contained breathing apparatuses (SCBA's) require inspection before and their use to ensure that they may provide the protection expected when they are needed. The operating units that possess SCBA's in their installation, floating equipment or dock must inspect them after each use and on a monthly basis.

2.0 Components of the monthly inspection and after each use.

2.1 Conditions of the mask

- 2.1.1 Inspect the mask and locate any damage to the rubber, dirt, cracks, tears, holes and stickiness.
- 2.1.2 Verify that there are no ruptures or losses of elasticity in the mask, elastic bands and buckles. Verify that the bands have not deteriorated because of excessive use.
- 2.1.3 Inspect the visor for cracks, scratches, and check that the seal with the rubber of the mask is airtight.
- 2.1.4 The exhalation valve must be cleaned and operated easily. The valve must move outside the seat and return when released.
- 2.1.5 Inspect the connections of the mask for damage. Verify the presence of the spider rubber and the valve disk.

2.2 Conditions of the manometer of the cylinder

2.2.1 Make sure that you can see clearly through the lens the pointers as well as the marks. Also make sure the valve or base of the manometer is not twisted.

2.3 SCBA with ICM alarm system and manometer

- 2.3.1 Verify that the cylinder bell and the ICM unit ring while opening slowly the cylinder valve. This test ensures that the alarms are in operating conditions.
- 2.3.2 Make sure the bell is properly aligned and tightened.

2.4 High and low pressure hose

Verify that the high and low pressure hose does not have any cuts or severe abrasion.

2.5 Conditions of the cylinder

- 2.5.1 Verify that the working pressure of the cylinder is within a range of not less than 10% of the working pressure specified. For example, for 4, 000-psi cylinders, the pressure shall not be less than 3,600 psi. The cylinders that do not meet this requirement should be taken out of service to be refilled.
- 2.5.2 Inspect the cylinder's valve for evidence of damage. The valve may be opened slowly to make sure it is working properly. Make sure the valve is shut completely.

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- 2.5.3 Inspect the body of cylinder for cracks, dents, weak areas, signs of abrasive corrosion of the fiber or paint or if it has dark stains due to exposure to fire.
- 2.5.4 Verify that the rings of the cylinder and the manometer are in good condition.

2.7 Harness

- 2.7.1 Inspect all of the components of the harness for cuts, tears, abrasion or signs of exposure to heat or chemical damages.
- 2.7.2 Verify that the screws, washers, and nuts are secured.

2.8 Cylinder loader

- 2.8.1 Verify that the bands and latches hold the cylinder firmly. Operate the end of the latch to make sure it opens and closes properly and that it holds the cylinder firmly. If the cylinder band and the latch are closed, the end of the latch should not rotate.
- 2.8.2 Inspect the back plate for cracks, weak areas, or signs of exposure to fire or chemical damage.

3.0 All SCBA that does not meet inspection criteria shall be taken to the Miraflores East Station on the Pacific or the Gatun East Station on the Atlantic for repair or replacement.

4.0 Records

Once the inspection is completed a label must be placed on the SCBA to indicate the initials of the designated person and the date of the inspection. In addition, a record similar to the inspection form for SCBA shown at the end of this procedure must be made.

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5.0 MASK MOUNTED REGULATOR PARTS: FIRE HAWK



Mask



Cylinder manometer and bell



Regulator



ICM and Manometer



Latch and wing



High pressure line



Cylinder



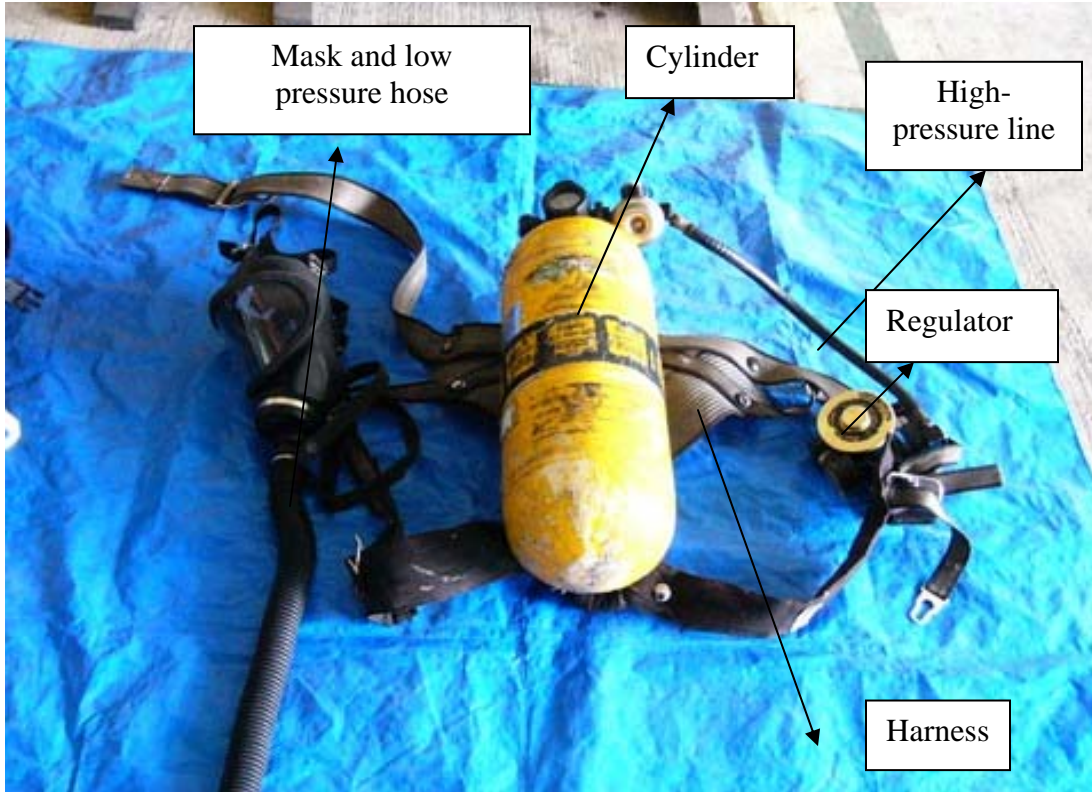
Harness and cylinder loader

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6.0 PARTS OF THE BELT-MOUNTED REGULATOR



Regulator



Manometer, cylinder valve and bell



Mask

