



SURVIVAIR®



TECHNICAL BULLETIN

TECHNICAL BULLETIN #131

SUBJECT: Survivair® Repair and Maintenance Class

DATE: March 14, 2006

PRODUCTS AFFECTED: All Survivair® Respirators

This Technical Bulletin provides information regarding the new Survivair repair and maintenance class. The class curriculum is being changed according to the following format. This format was introduced in January, 2006.

Day 1 is a re-certification course for technicians that have taken the course within the last four years. Course attendance is limited to 10 students. Course fee is \$50.00.

This one-day re-certification course will consist of the following:

- Update on current NIOSH, NFPA, CBRN, and other industry standards.
- Update of Survivair products.
- Hands-on rebuild of student provided SCBA¹.
- Hands-on PosiChek³ testing of rebuilt SCBA¹.
- Written final exam with a focus on SCBA testing and trouble shooting².

NOTE: The Day 2 & 3 classes focus on the Survivair Panther, Sigma, Cougar, Omega, Puma, or Lo-Pro SCBA and SAR configurations. Survivair Mark 2 and XL SCBA and SAR are not addressed in this class. Contact Survivair at (800) 394-0410 for information regarding these discontinued product lines.

Day 2 and 3 will consist of entry level training for the new technician. Course attendance is limited to 10 students. Course fee is \$150.00.

This 2-day class will consist of the following:

Day 2

- Orientation: covering government and advisory agencies that effect the usage of Survivair respirators.
- Terms and definitions unique to Survivair.
- Theory of operation of the major pneumatic components of Survivair respirator systems.
- Dis-assembly, inspection, re-assembly of major Survivair pneumatic components⁴.

Day 3

- Hands-on rebuild of student provided SCBA¹.
- Hands-on PosiChek³ testing of student rebuilt SCBA¹.
- Written final exam with a focus on SCBA testing and trouble shooting².

¹ For all classes: the student must provide: SCBA, all consumables, overhaul kits, and tools necessary to successfully overhaul the SCBA that they shall bring to class. Warranty and Service Center Technicians are to bring the latest configuration of SCBA.

² Certification will be granted upon the successful rebuild and testing of the SCBA brought to class and a minimum of 70% on the written exam.

⁴ Day 2 pneumatic components are supplied by Survivair. These are non-functional components used for the dis-assembly, inspection, and re-assembly portion of the class.

NOTE:

- SCBA PosiChek³ test results received during class **DO NOT** constitute an annual flow test and cannot be used as such.
- A maximum of two technicians may work on one SCBA in class.
- A maximum of two technicians may work from one toolbox.
- For this class an SCBA is defined as a Survivair Panther, Sigma, Cougar, Omega, Puma, or Lo-Pro Self Contained Breathing Apparatus and, for classroom application, it must include at least these components.
 - First Stage Regulator.
 - Second Stage Regulator.
 - SCBA Low Air Alarm, stand alone, such as the Sigma SCBA style or as an integral part of the First Stage Regulator.
 - SCBA Facepiece.
 - All necessary connecting hoses and components.
- It is not necessary to bring the backpack to class.
- For field classes, students must bring at least two full cylinders to be used with their SCBA for testing. (Cylinders **MUST** be of the **SAME** pressure as the pneumatics being tested.)
- For classes held at Survivair, air for testing the SCBA shall be provided.

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