



EVO Advanced Breathing Apparatus

HUMAN SAFETY SOLUTIONS

COURSE: BREATHING APPARATUS, SERVICE & MAINTENANCE, CALIBRATION SERVICING

SCOPE AND APPLICABILITY:

This course will train and certify offshore personnel so they can properly and safely operate, clean, inspect, maintain and store the Self-Contained Breathing Apparatus (SCBA) equipment.

REGULATIONS & STANDARDS

- OSHA [29 CFR 1910.134].
- Norwegian Oil and Gas Recommended Guidelines for Fit Testing of Respiratory Protective Equipment.
- HSE UK Control of Asbestos Regulations 2012
- HSE UK Control of Lead at Work Regulations 2002
- HSE UK Ionizing Radiations Regulations 1999
- HSE UK Confined Spaces Regulations 1997

COURSE CONTENT:

1. Purpose of the Self-Contained Breathing Apparatus (SCBA).
2. Requirements in which to use an SCBA.
3. Capabilities and limitations of the SCBA at the workplace.
4. Knowledge of the following types of SCBAs:
 - a. PA 90+
 - b. PA 91+
 - c. PA 94+
 - d. PSS3000
5. Knowledge of the following types of Escape sets:
 - a. Saver CF
 - b. PP15
6. Knowledge of the following types of Breathing cylinders:
 - a. 6.8L Composite, 300Bar
 - b. Panorama Nova Mask, push type LDV
7. Knowledge of the Premier Airline System:
 - a. SH-BA-45
8. Knowledge of the SCBA Test kit & Testor
9. Steps to inspect, don, and doff an SCBA in the event of an emergency.
10. Health Safety & Risk of Breathing Apparatus
11. Maintenance & Care of Breathing Apparatus
12. Cleaning & Disinfecting of Apparatus
13. Storage of Apparatus
14. Inspection of Breathing Apparatus
15. Air Quality Checks by Draeger Tubes or similar devices
16. Repair of Breathing Apparatus

COURSE DESIGN:

Theoretical – 4 hours
TOTAL: 8 hours

Practical – 4 hours

PREREQUISITE(S):

None.

MINIMUM/MAXIMUM NUMBER OF DELEGATES

This course requires a minimum of 1, and a maximum number of 12 trainees.



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MAIN SAFETY ISSUES:

- Check the equipment before using it, paying special attention to the accessory's conditions;
- Know how to estimate the available time of use and the distance that it is possible to cover;
- Understand the advantages and limitations of each kind of equipment;
- Know the principle of use to stimulate the confidence in the equipment and the clever behavior in case of an emergency;
- Take special cares with the hygiene before and after the use.

REQUIRED EQUIPMENT:

- Self-Contained Breathing Apparatus;
- Accessories (mask, tubes, structures);
- Maintenance and hygiene kits.

PROCEDURE FOR PRACTICAL EXERCISES:

- An equipment must be fully available with all accessories and certifications;
- With the certifications and manual, some particularities of the equipment will be exposed, specially how safe is the equipment is, if it is currently certified;
- The students will assemble some accessories and wear the equipment, identifying parts;
- They will be invited to make some physical exercise while using it, to feel the limitations and fatigue;
- Using the recommended cleaning equipment, the students will disassemble, clean, disinfect and store the equipment as per manual.

CERTIFICATION:

Certificate of Training.

CERTIFICATE VALIDITY PERIOD:

2 years.