



International Training Centre

Safety & Competency Training for Hazardous World



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Breathing Apparatus Instructor Training (BAI)

COURSE AIM:

This course is designed to increase the skills, knowledge and methods of instruction of delegates to a level from which they can competently deliver training to other members on both the practical and theoretical aspects of Breathing Apparatus (BA).

On completion of the training, delegates will have gained the necessary skills and knowledge to be able to plan and prepare BA exercises and be able to deliver lectures on all aspects of Breathing Apparatus equipment and procedures.

TARGET GROUP:

This course is designed for experienced breathing apparatus wearers, who need the knowledge and skills required to design and deliver safe and effective breathing apparatus training.

COURSE CONTENT:

On completion of the course, the delegates will have developed a practical and theoretical understanding of:

Days	Topics	Contents
1	An Introduction To Fire, Emergency Response And Safety Requirements	Classes of fire, Fire behaviour, propagation of fire, Extinguishing agents, Fire fighting extinguishers familiarisation and operation, Fire detection and suppression systems, fire routines and emergency plans
2	Breathing Apparatus Set Familiarization And Maintenance	An introduction to the working and routine testing, Wearing ability and maintenance of a full duration breathing apparatus set, and an escape set Air compressor user checks and bottle filling method Air quality test procedure An overview of : High pressure loop system, air cylinder racks , high/low pressure regulators , connection to air manifolds
3	BA Exercises	Full duration BA sets are used to familiarize students with working in various conditions of heat stress, humidity, smoke and darkness, developing skills in search and rescue techniques and fire fighting. Physiology of respiration & Air management BA malfunctions and defects Exercise planning BA Emergency procedures Monitoring BA crews/Crew safety procedures to develop leadership and control skills, this time with internal live fire conditions

INTERNATIONAL TRAINING CENTER SARL

Sarl au capital social de 1 500 000,000 TND

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4	Fire Team Member Crew Command Drills Safety On The Fire Ground	<p>Practical exercises on live fire scenarios</p> <p>Use of pumps and fire fighting equipment. An opportunity to develop command skills during practical training.</p> <p>Exercise planning and risk assessment</p> <p>Casualty Handling</p> <p>Entanglement procedures</p> <p>Role of the observer / safety</p> <p>An interactive discussion of the hazards to be considered, when committing emergency crews in action</p>
5	Fire Team Leader Decision Making Team Leadership And Crew Command Exercise	<p>Practical exercises, a chance to put into practice the principles of leadership, planning and control, covered in the classroom, during practical tasks involving team building.</p> <p>Communication; briefing skills; a session to underline the elements of individual and group decision making, when working to solve problems. Includes the use of practical exercises.</p>
6	Confined Space Entry	<p>Practical exercises, a chance to put into practice the principles of leadership, planning and control, covered in the classroom, during practical tasks involving team building.</p> <p>Communication; briefing skills; a session to underline the elements of individual and group decision making, when working to solve problems. Includes the use of practical exercises</p>
7	Confined Space Rescue	Rescue from confined space planning, techniques and command
8	Methods Of Instruction and Assessment	An interactive session covering the considerations for lesson planning, preparation and presentation, de-briefing skills, instructional techniques and assessment methods
9	Lesson Presentations	Students present a short micro-lesson on a BA and fire related topic, both theory and practical; preparation should take place before course attendance

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE REQUISITES:

Delegates attending the course:

- must be already breathing apparatus wearers.
- must be physically fit. It is advisable that they should contact their doctor or occupational health department for a physical checkup, as this is a physically and mentally demanding course.
- should not suffer from claustrophobia, asthma, bronchitis, emphysema and epilepsy or have impairment of vision to the degree that they would not be able to see sufficiently well without the use of glasses
- must be capable of preparing and delivering lectures as well as practically demonstrating BA wearing competence in hot fire-fighting situations.

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METHOD OF TRAINING:

The course is both theoretically and practically orientated, through a series of lectures, demonstrations and realistic practical exercises with interactive debriefs.

assessed is based on using practical observation throughout and a written test to determine the achieved knowledge in the more technical areas of BA equipment and procedures

The course incorporates practical assessments which will assess the delegate's ability to prepare and deliver a presentation of 15 minutes duration on a Breathing Apparatus related subject. In addition delegates will be assessed on their ability to create, plan and conduct safe and meaningful breathing apparatus exercises including live fire training sessions.

COURSE DURATION: Nine (9) days.

RATIO OF THE TRAINING: 50% Theory / 50% Practical

VALIDITY OF CERTIFICATE: 3 years

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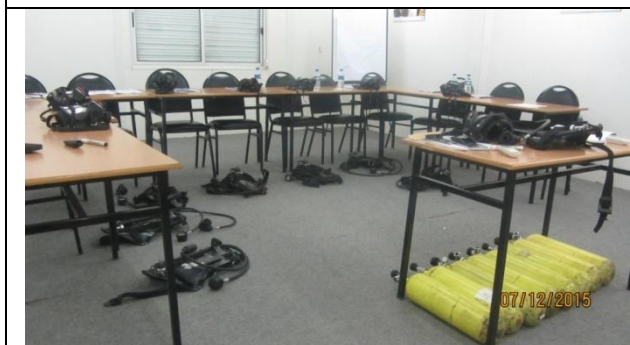
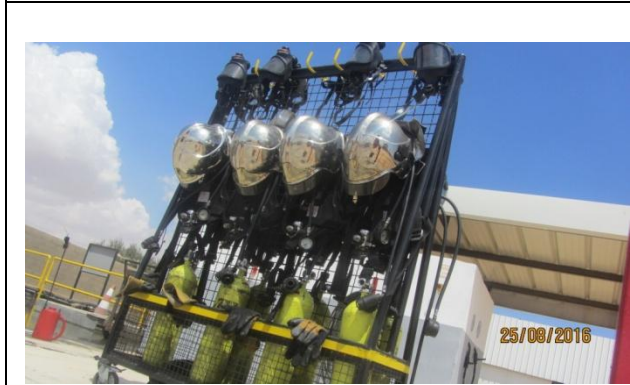
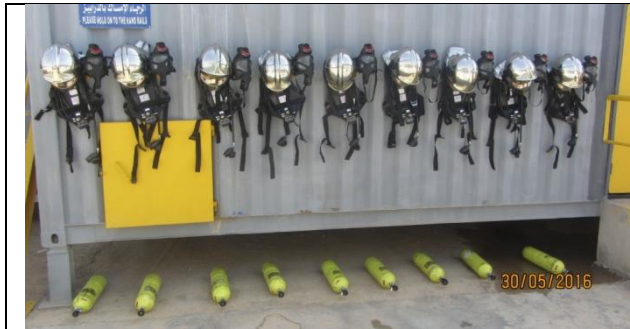
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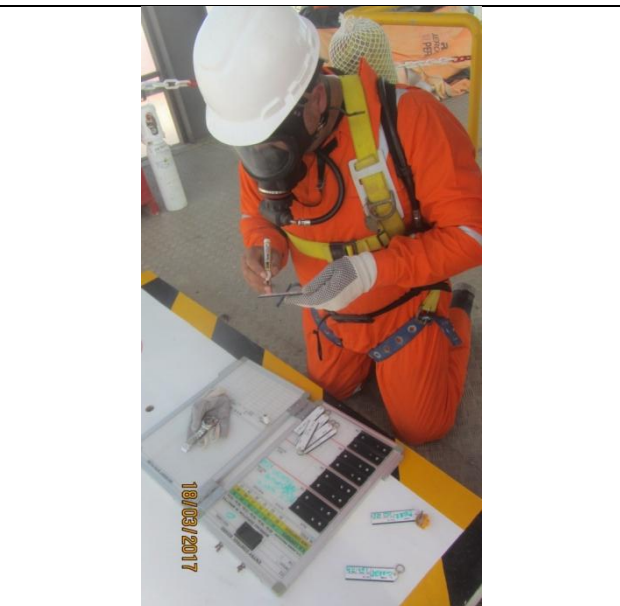
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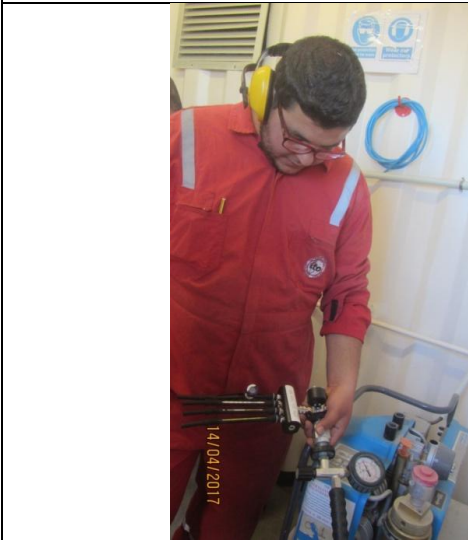
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