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Fire Safe International Ltd

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Course name:	COURSE DESCRIPTION Aircraft Fuel Tank Entry Training.
Course Description:	A two day session covering the hazards and risks associated with entering aircraft fuel tanks, applicable legislation and the safe use of equipment commonly associated with working in aircraft fuel tanks.
Recommended attendance:	The staff of industrial companies who may be called upon to enter/work or supervise & manage those who are working in aircraft fuel tanks.
Aim:	To make staff aware of the risks and dangers associated entering and working in aircraft fuel tanks; the actions and precautions to take before entering; the common types and safe use of equipment associated with entering aircraft fuel tanks, including ventilation systems, gas detection equipment and airline breathing apparatus.
Learning objectives:	Having completed the course the delegates will be able to: <ul style="list-style-type: none">▪ Identify when rules appertaining to entering a fuel tank should be applied and the pre-entry procedures required.▪ Discuss the various dangers likely to arise within that space.▪ Carry out a full and accurate risk assessment with regard to the Management of Health and Safety at Work Regulations or other local regulations.▪ Instigate a safe system of work if entry into the space cannot be avoided.▪ Operate and use appropriate ventilation equipment.▪ Operate and use air testing/monitoring equipment.▪ Operate and use Airline Breathing Apparatus (ALBA) equipment, as applicable.▪ Operate and use harnesses, lifeline and other associated equipment correctly and safely, particularly with regard to the need for rescue.▪ Instigate and operate effective communications systems.▪ Assess and consider the need for emergency/rescue equipment and procedures.▪ Carry out a rescue, following the planned procedure if necessary.▪ Enter & Operate within a Fuel Tank Safely▪ Manage & Supervise those operating within a fuel tank.

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COURSE DESCRIPTION – (Page 2 of 2)

Course name:**Aircraft Fuel Tank Entry Training.****Subjects covered:**

- Confined Spaces – Definition & Overview of Legislation.
- Hazards, Risks and dangers of confined spaces, especially those associated with aircraft fuel tanks.
- Safe systems of work, roles & responsibilities of personnel.
- Risk Assessment & hazard identification.
- Tank Draining & Methods of ventilation.
- Evaluation of Atmospheric Conditions and use of detection/monitoring equipment.
- Understanding Explosive Atmospheres, especially Limits of Flammability, LEL & UEL.
- Understanding of Toxicity and exposure levels, LTEL, STEL & TWA.
- Procedures for Entry & Entry Control.
- Personal Protective Equipment
- Pre Use Testing breathing apparatus.
- Operation & Use of breathing apparatus.
- Communications systems.
- Rescue & Emergency Procedures.
- Practical Exercises.
- Course End & Debrief

Method:

The learning objectives will be achieved by theoretical and practical input supported by OHP transparencies, delegates' notes, and operational equipment.

Assessment:

Assessment will be informal but continuous throughout the training session. The instructor will monitor the attention and performance of the delegates, particularly during the practical phase. Delegates that can demonstrate to the instructor a sound understanding of the learning objectives detailed above will be awarded a certificate of competence.

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