



Course

Fuel Tank Safety Training

Course Description

The **Fuel Tank Safety Training** is a web-based training solution for Maintenance Personnel as required by EASA and other authorities.

The course is offered as a FAMILIARIZATION (Level 1) or DETAILED TRAINING (Level 2).

Target Groups

- ➔ Personnel in aircraft and component shop maintenance organisations
- ➔ Personnel carrying out maintenance tasks on aircraft or components
- ➔ Management, quality assurance personnel and auditors

Training Goals

The specific goals of the course are to:

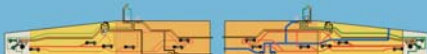
- ➔ become familiar with the basic and practical elements of fuel tank safety issues, to learn typical terms, theoretical fundamentals and specific examples to increase fuel tank safety
- ➔ learn the capacity to combine and apply the separate elements of knowledge to guarantee efficiency and safety through human performance in the day-to-day work
- ➔ ensure a long-term awareness about fuel tank safety deficiencies causing tank explosions and major aircraft incidents and accidents

Course Topics

The Fuel Tank Safety Training includes the following topics:

- ➔ **TWA 800 Accident initiating Fuel Tank Safety Concerns**
- ➔ **Background**
 - ➔ Theoretical background - SFAR 88 - JAA TGL47 - Explosion of mixtures of Fuel and Air - Aviation Turbine Fuel Types - Behavior of fuel-air mixtures - Major Accidents
- ➔ **Awareness**
 - ➔ Inspection work - CDCCL - Bonding Schemes - Fuel Tank Safety in Maintenance - Awareness of the Hazards - Flammability Reduction
- ➔ **Maintenance Organisation Improvements**

Critical design configuration control limitations (CDCCL)



low level switch



CLARITY TRANSMITTER



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