



Temperature-Controlled Container Operations

2-day classroom course (16 hours)

This course can be [customized for your company](#) and delivered at the location of your choice.

The transport of temperature-sensitive cargo by air is a complex business, requiring expertise in the technology and regulations specific to the field.

In just two days, this course will bring you up-to-speed on container types and their special operating procedures so you can ensure your equipment and services meet industry requirements.

Objectives

Upon completion of this course you will be able to:

Identify container types and know their respective build-up, inspection and storage procedures

Select suitable facilities and equipment for your temperature-controlled operations

Choose the right containers for different product and aircraft types

Establish in-house procedures that comply with IATA Unit Load Device Regulations (ULDR) and Perishable Cargo Regulations (PCR)

Target audience

- Cargo operations and station managers
- Air cargo and freight forwarder operations personnel
- ULD managers and compliance managers
- ULD trainers and instructional designers

Key topics

- ULD operations
 - Classification
 - Operations
 - Ground handling functions
- Temperature-Controlled Containers (TCC)
 - Classification
 - Operations
 - Labeling
 - Ground handling functions
- Temperature-controlled products
 - Temperature management in the supply chain
 - Processes and procedures

Activities

- Practical exercises
- Final examination

Prerequisites

There are no prerequisites for this course.

Recommended level

- Intermediate
- Advanced

Certificate awarded

An IATA Certificate is awarded upon successful completion of the course and an assessment

Table of contents

Temperature Controlled Products - overview

- Scale, value and importance of the business
- Standards and guidelines requirements
- Healthcare distribution systems

Unit Load Device (ULD) operations

- Introduction to IATA ULD regulations
- Delivering flight safety
- Responsibilities of airlines and other parties
- Limitations applicable to aircraft's ULDs
- ULD types
- Condition, build up and inspection
- ULD ground operations

Processes and procedures

- Managing heat transfer
- The role of an ATCU

Associated diplomas

You may also apply this course toward an IATA Diploma in [Pharmaceutical Handling](#)

Temperature-Controlled Containers (TCC)

- Similarities and differences between a standard ULD and TCC
- Regulatory requirements
- Delivering flight safety
- Aircraft limitations
- Responsibilities of airlines and other parties

TCC types

- TCC condition, build-up and inspection
- Thermal Conditioning Unit (TCU) ground operations
- Continuing airworthiness
- Storage

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