



# Cargo Warehouse Operations and ULD Build-up

4-day classroom course (32 hours)

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

This course is designed for participants engaged in Warehouse Operations including ULD handling, ULD Airworthiness control and ULD Build-up either at an elementary or supervisory level. During the course you will have a chance to observe practical work in the warehouse and link it together with classroom theory.

## Objectives

Upon completion of this course you will be able to:

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Know and execute IATA and regulatory compliances in the warehouse

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Confidently control, handle, store and determine ULD airworthiness and weight limits

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Summarize the ULD certification process

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Identify the different ULD types and loadability

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Know how to plan and restrain cargo when distributing load in/on a ULD for an aircraft

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Identify the different loading procedures for non-standard cargo

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## Target audience

- Warehouse staff engaged in ULD build up tasks
- Staff engaged in warehouse supervision
- Staff involved in the load planning of aircraft and RFS services
- ULD control management staff

## Key topics

- Warehouse processes and safety
- The functions and certification requirements of ULDs
- Handling, storage, airworthiness and loadability of ULDs
- Planning of ULDs in maximum size/contour and weight for different aircraft types according to the ULDR/AHM
- The build-up of ULDs for aircraft and cargo restraint according to the ULDR/AHM
- Observing on the job ULD build-up in practice
- Loading of non-standard cargo such as AVI, PER and dangerous goods and restraint of "Special Cargo"

## Activities

- Group work and exercises
- Observing on-the-job tasks in the warehouse

## Prerequisites

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There are no prerequisites for this course

## Recommended level

- Entry-level
- Management

## Certificate awarded

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An IATA Certificate is awarded upon successful completion of the course and final examination

Please note that this Certificate is only valid for 24 months

## Table of contents

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### Warehouse processes

- Stakeholders in air cargo
- Air cargo supply chain
- Safety and security
- Warehouse design
- The six pillars
- Cargo acceptance
- Air cargo documentation

### ULDs in the warehouse

- Pallets and containers
- ULD transport equipment
- ULD storage
- ULD control

### ULD handling

- ULD certification process
- Relationship between ULD and aircraft
- Airworthiness of ULDs /ODLN
- Flight safety requirements

### ULD build up and breakdown process

- General build up/breakdown rules
- Inspection of ULDs
- Structural weight limits of ULD and aircraft
- Floorload limits, area, local and linear load
- Detailed instructions on shoring

## Associated diplomas

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

### Cargo restraint (Lashing)

- Forces in the air
- Restraint on pallets and in containers
- Restraint material and their limits
- Restraint in the aircraft "Special Cargo"
- Case studies

### Warehouse visit

- Exercising the theoretical knowledge gained
- Review of the practical job work

### Special loads (non-standard cargo)

- Metal drums, overlappings, live animals
- Dangerous goods
- Temperature controlled goods
- Perishable goods
- Summary and final Q&A
- Final examination

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