



# Temperature Controlled Cargo Operations

3-day classroom course (24 hours)

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

Learn the requirements of the healthcare industry for an air cargo logistics service provider, to become a player in the pharmaceutical logistics market. Learn about the packaging requirements and the air cargo industry's best practices for storing, accepting and handling time- and temperature-sensitive healthcare shipments. Following the requirements of the Quality Management Systems (QMS) applicable to the Healthcare and Air Cargo industries, apply these skills in practice scenarios, and receive guidelines to create your own Standard Operating Procedures (SOPs) and Service Level Agreements (SLAs).

## Objectives

Upon completion of this course you will be able to:

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Anticipate the logistical and regulatory needs of the global healthcare industry

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Identify potential risks at critical points in the cold chain

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Prevent and manage temperature deviations at critical points in the cold chain

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Create your own Service Level Agreement (SLA) to clarify mutual expectations and minimize challenges within the cold chain

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Develop Standard Operating Procedures (SOP) that ensure consistency in your operations

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Understand air cargo industry's best recommended practice - IATA Perishable Cargo Regulations (PCR) and Temperature Control Regulations (TCR)

## Target audience

- Managers and staff involved in air cargo
- Cargo quality
- Cargo terminal, ramp operations, and ground handling services
- Cargo reservations, sales and commercial analysis

## Key topics

- Regulatory environment and Healthcare industry requirements
- Procedures for handling time and temperature-sensitive healthcare shipments
- Temperature management and temperature excursions
- Critical control points in the healthcare supply chain
- Packaging technologies
- Use of SOPs and SLAs
- Use of the IATA Time and Temperature Sensitive handling label and Acceptance Checklist

## Activities

- Case studies
- Practical scenarios
- Final examination

## Materials

- IATA Temperature Control Regulations current edition

## Prerequisites

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Participants should have prior knowledge of:

- Air cargo procedures

## Recommended level

- Entry-level
- Intermediate

## Certificate awarded

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

## Table of contents

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Understanding IATA's role

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Overview of the global healthcare industry

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Regulatory environment

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IATA PCR/TCR

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Security Concerns

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Healthcare logistics and air cargo supply chain

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Stakeholders, their role and accountabilities

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Temperature management for healthcare shipments

- Temperature excursions and temperature monitoring
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Temperature excursions and temperature monitoring

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Packaging concepts

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Ready for carriage and acceptance of time- and temperature-sensitive healthcare shipments

## Associated diplomas

You may also apply this course toward an IATA Diploma in

- Special Cargo Handling
  - Pharmaceutical Cargo Handling
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Critical points in the cold chain

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Recommended procedures for handling of time- and temperature-sensitive healthcare shipments

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IATA T and T Acceptance checklist

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Standard Operating Procedures (SOPs)

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Quality Management Systems (QMS)

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Referencing PCR/TCR

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Supplier Management and Service Level Agreements (SLA)

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Course review

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Final exam



[www.iata.org/training-tcgp63](http://www.iata.org/training-tcgp63)

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