

Advanced Good Distribution Practice in Air Cargo

Ensuring Compliance, Quality and Control in Pharmaceutical Air Cargo Logistics

approx. 5 HOURS ONLINE COURSE | self-paced learning | Available Languages: EN

AIR CARGO PRODUCTS & QUALITY

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Description

The transportation of time- and temperature-sensitive pharmaceutical products requires more than operational excellence – it demands a deep understanding of Good Distribution Practice (GDP), regulatory alignment, and quality-driven decision-making across the entire air cargo ecosystem.

This advanced, self-paced course is designed to equip professionals with the knowledge and practical capabilities required to manage pharmaceutical shipments in full compliance with GDP standards. It addresses the unique intersection between the pharmaceutical and air cargo industries, enabling participants to navigate regulatory requirements, operational constraints, and quality expectations with confidence. Through a structured and interactive learning approach, participants will explore how to interpret GDP requirements in an air cargo context, manage temperature-sensitive logistics, and implement robust quality management systems. Particular emphasis is placed on risk management, performance measurement, and continuous improvement to ensure product integrity and patient safety. By the end of the course, learners will be able to bridge industry gaps, enhance service quality, and contribute to reliable, compliant, and efficient pharmaceutical air cargo operations in an increasingly demanding global environment.

Target group

- Air cargo professionals involved in handling pharmaceutical shipments
- Logistics and supply chain managers seeking to understand GDP requirements
- Pharmaceutical stakeholders interested in optimizing air cargo operations

Class location: Online course

Included: course material, certificate

This course is delivered in collaboration with PharmaGDP.

Learning objectives

- Understand the regulatory environments of both the pharmaceutical and air cargo industries and effectively manage the prioritization conflicts between them
- Identify, interpret, and apply GDP requirements within the specific context of air cargo operations and handling processes
- Implement industry best practices to achieve and maintain GDP compliance across organizational and operational structures
- Recognize and address the fundamental differences in handling approaches between pharmaceutical and air cargo industry requirements
- Evaluate the benefits, limitations, and operational challenges of time- and temperature-sensitive healthcare shipments in air cargo
- Assess the quality and performance of air cargo services and understand their impact on pharmaceutical product integrity
- Analyze operational and quality-related risks and implement structured mitigation strategies within air cargo environments
- Establish, monitor, and evaluate quality parameters and performance indicators to ensure consistent compliance and improvement
- Apply structured quality management principles including data recording, analysis, and closed-loop quality assurance processes
- Understand temperature management principles and their critical role in maintaining product efficacy and safety
- Apply risk assessment methodologies and define critical control points within pharmaceutical air logistics processes
- Support continuous improvement initiatives through structured quality assurance, control, and monitoring frameworks

Course outcomes

- Ensure GDP-compliant handling and transportation of pharmaceutical shipments within air cargo operations
- Apply structured quality and risk management approaches to maintain product integrity and regulatory compliance
- Evaluate and improve operational performance through data-driven quality systems and continuous improvement processes

