

Air Transport of Pharmaceutical Products – 2 Days

Introduction

Recently the global pharma industry is about \$1.1 trillion USD. Expectation between 2014 –2020, is the industry to rise by 41% to 60%. In 2016 more than half of the top 50 best-selling drugs required cold-chain transportation. Approximately 11% of pharmaceutical products are transported by air.

In general pharmaceutical products require special care when being transported. Some shipments need to be delivered on schedule to protect their value. Other are fragile products and require special handling. Many of the Pharma products present a challenge to the shipper. Usually, those products need to be shipped quickly with great care because are highly sensitive to environmental factors such as temperature, humidity, pressure, and sunlight. It is challenging to maintain appropriate conditions in secure air-conditioned warehouses. This task becomes even more difficult when the pharmaceuticals are travelling in an air cargo hold at cruising altitude.

In some cases, due to inappropriate handling or storage during air cargo transport, the pharmaceutical products are damaged or completely useless. In fact, more than half of all pharmaceuticals that become unusable due to extreme temperatures do so while in the airport or on the aircraft.

This training is based on principles and standards presented by IATA Perishable Cargo Regulations and Temperature Control Regulations. The aim of this course is to provide knowledge to participants of industry standards and recommended practices, which will help in efficient handling techniques and packaging methods to ensure the delivery of pharmaceutical products is always in first-class condition and will reduce the risk of damages.

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Detailed Content / Topics – The following Subjects will be addressed

- Introduction to the transport of pharmaceutical products by Air – Why we need standards in transport of pharmaceuticals
- Application -Review of regulations concerning transport by air of pharmaceutical products
- Responsibilities- Shipper and Carrier responsibilities
- Air transport logistics – general overview
- Documentation- preparation of Service Level Agreement (SLA)
- Temperature requirements of the products
- Packagings
- Risk management
 - - Temperature Mapping
 - - Labeling of pharmaceutical products
 - - Quality Management Systems
 - - Acceptance of pharmaceutical products
 - - WHO Guide to good storage practices for pharmaceuticals
 - - Handling of pharmaceutical products
 - - Vehicles and equipment
 - - Transportation and products in transit
 - - Emergency response planning

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Learning Objectives

Upon completion of this course participants will be able to:

- Explain contractual considerations for the carriage of time and temperature sensitive pharmaceutical products
- List shipper and carrier responsibilities
- Identify packaging needed
- Correctly apply required labels on packaging
- Explain the application of a Quality Management System in the transportation process
- Use of the checklist for acceptance of pharmaceutical goods
- Explain proper handling and storage procedures
- Comply with requirements of emergency procedures

Target groups

Shippers involved in transport of Pharma products, Cargo agents, Freight forwarders, airline and ground handling staff engaged in storage and handling of temperature sensitive pharmaceutical products, manufacturers of pharmaceutical and healthcare goods.

Pre-requisites

Good knowledge of English language is necessary. Participants need to have the latest edition of IATA Perishable Cargo Regulations or Temperature controlled Regulations.

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Duration

2 Day – To commence at 09.00 and finish at 17.00, with appropriate refreshment breaks.

To register for this training, please email team@sassofia.com or Call +359 28210806



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