IATA

Time and Temperature Sensitive Products

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19th April 2012
Brussels
Agenda

- About IATA & Air Cargo
- From Guidance to Regulation
- Importance of Standards
- 2012 Healthcare Roadmap
About IATA

- The International Air Transport Association is the industry’s global trade association
- Founded in 1945 with 240 members, IATA represents 84% of global air traffic
- IATA’s mission is to represent, lead and serve the air transport industry
- IATA delivers Standards and Solutions to ensure a successful air transport
About Air Cargo

- Scheduled air cargo started 90 years ago with mail
- Essential engine of today’s global economy and airlines business
- Consists of general & special cargo e.g. perishables
- 35% of worldwide value of Cargo transported and 1% in volume
- Speed and on time delivery are the competitive advantages
Global middle class in 2009 and prediction for 2030

Source: Standard Chartered Bank Research
From Guidance to Regulation
Perishables

- Among the first commodities carried by air
- Time sensitive and/or temperature sensitive commodities
- Handling techniques for chilled and frozen products were developed
- Next step: Address cold chain issues for transport of time and temperature sensitive healthcare products
  - Appropriate storage
  - Cooperation between the supply chain stakeholder
From Guidance to Regulation

PCR Chapter 17 – Air Transport Logistics for Time and Temperature – Sensitive Healthcare Products

New Time and Temperature Sensitive Label

IATA Perishable Cargo Regulations (PCR)

Industry standard

1996

Perishable Cargo Manual (PCM) first published

Recommendations

2005

Establishment of the Perishable Task Force

2007

2010

Healthcare products
Standards
Importance of Standards

- Healthcare industry
  - Changes in manufacturing
  - Relies more on globally based production
  - Heavily regulated

- Continued demand for healthcare products

- Growth in biotech products
Importance of Standards 2/2

- Why are standards needed?
  - Levels the playing field for our members and industry partners
  - Keeps the speed in air cargo business processes
  - Increases safety & ensures consistency of service, transparency and effective communication

- Who sets the standards?
  - Airline members, government representatives, supply chain and industry partners

- What do the standards contain?
  - Minimum requirements to avoid conflicting government rules
  - Industry experience, knowledge and know-how
Standards – IATA Perishable Cargo Regulations

PCR - Chapter 17
Air Transport Logistics for Time and Temperature Sensitive Healthcare Products

- Practical guidance on the handling of time & temperature sensitive healthcare products

- Defines requirements, such as:
  - Quality Management System
  - Service Level Agreements
  - Training
  - Labelling
Challenges of the air freight industry

- +32°C
- -10°C
Meeting the Challenges

✦ Supply Chain Approach
  ✦ Each segment of the healthcare supply chain must understand their roles and responsibilities

✦ Communication and Cooperation from start to end
  ✦ Greater involvement of the healthcare industry with its service providers and between the supply chain stakeholders

✦ Implementation of Standards
2012 Roadmap
Problem Statement

Transport of Time & Temperature sensitive cargo

- Requires more attention
- Risks and associated costs
- Absence of minimum standard requirements
- Existing requirements need to be reviewed
- End-to-end supply chain processes require clarity
- Recommended T&T label is not widely used
The Solution

Establishment of a **ROADMAP**

1. Engage with the right Governance
   - Time & Temperature Task Force (TTTF)
   - Recommending and maintaining standard & processes

2. Define Key Performance Indicators (KPIs)

3. Review all relevant IATA standards, recommendations
The Solution

Establishment of a ROADMAP

4. Develop appropriate trainings
   - IATA Training & Development Institute (ITDI) owns the Pharmaceutical Cargo Handling Training with IATA Cargo

5. Follow legislations and influence Regulators

6. Communicate at relevant industry events
Current Status

- Mandatory IATA Time & Temperature Sensitive label effective July 1st, 2012
  - The label is part of the overall process
  - The importance is to ensure the initial step of the process is appropriate

- Creation of Temporary Working Groups including stakeholders of the supply chain
Changes Going Forward

- Refining the applicability of the Regulation
- Emphasizing on initial steps of the process
- Requiring new provisions
- Defining standard documentations
- Clarifying the roles and responsibilities
- Ensuring continuous communication
ARE YOU READY?
Thank You
Q & A

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