

**Dangerous Goods Technical Course**  
Under the ICAO COSCAP Programmes

**Specialized Training – Infectious Substances**  
(Bangkok, Thailand, 20 January 2010)

**OUTLINE**

Note: The programme will be conducted on Wednesday, 20 January 2010 and will be a half day session.

**Description:** The Specialized Training on Infectious Substances, is designed to provide the participants with understanding on how to classify, package, mark, labelled, document, handle and inspect packages containing infectious substances for air transport. This specialized knowledge is designed to enhance the competency of a State's Dangerous Goods Inspector as described in the requirements established in the Annex 18 of the ICAO Convention on International Civil Aviation.

**Method of Instructions:**

- Classroom lectures
- Exercises on the classification, selection of packaging, packaging, marking, labelling and documenting various shipments containing infectious substances (Shipper's responsibilities)
- Exercises in the acceptance and handling of shipments containing infectious substances (Operator's responsibilities)
- Confirmation exam

**Pre-course requisites:** Prior qualification on using the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air is recommended. Equivalent experience on the use of the IATA Dangerous Goods Regulations or the Air International Regulations for Shippers of Dangerous Goods is acceptable.

**Content of the training:**

- **Introduction**
  - Purpose of the Training
  - Objectives of the Training
  - Format of the Training
- **Applicable Regulations**
  - Historical Background
  - Related Organizations
  - The UN Model Regulations
  - Annex 18, the Technical Instructions and Supplement
  - Infectious Substances in Air Mail
  - National Regulations

- **Classification**
    - Definitions
    - Category “A”
    - Category “B”
    - Exceptions
    - Biological products
    - Genetically modified micro-organisms and organisms
    - Medical or clinical wastes
    - Infected animals
    - Patient specimens
    - Proper Shipping Names in the Dangerous Goods List (Table 3-1)
  - **Specific Packing Requirements**
    - General Packing Requirements
    - Review of the Applicable Packing Instructions
  - **Packaging, Marking and Labelling**
    - Packaging Performance Testing
    - Selecting the Proper Packaging
    - Special Codes Identifying the Packagings
    - Special Package Specification Markings for Infectious Substances
    - Hazard and Handling Labels for Packages Containing Infectious Substances
  - **Documentation**
    - The Requirements for the Dangerous Goods Transport Document
    - Emergency Response Information
    - Other Documents
  - **Infectious Substances Packed with Other Dangerous Goods**
    - Restrictions
    - Dry ice and Liquid Nitrogen:
      - Dangerous Goods Necessary for Maintaining the Viability, Stabilizing or Preventing the Degradation or Neutralizing the Hazards of the Infectious Substances
    - Cryogenic Receptacles
    - Overpacks
  - **Air Operator’s Responsibilities**
    - Acceptance Procedures
    - Storage and Loading Restriction
    - Provision of Information
    - Damaged Packages and Contaminated Cargo or Baggage
    - Emergency Procedures – Operator’s Responsibilities
    - Training
  - **Approving Shipment of Infectious Substance Normally Forbidden**
    - Common Situations
    - Review of Approval / Exemption
  - **Source of Additional Information**
    - International Organizations
    - National Agencies
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