Dangerous Goods Technical Course
Under the ICAO COSCAPs Programme

Initial Training on the ICAO Technical Instructions (ITI)

<u>OUTLINE</u>

Description: The Initial Training on the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air is designed to provide the participants with understanding on how to use the document through lectures and exercises. Knowledge of on how to use the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air, is a requirement for 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.

Language: English

Duration: 5 days

Method of Instructions:
- Classroom lectures
- Exercises on the classification, selection of packaging, packaging, marking, labelling and documenting various shipments (Shipper's responsibilities)
- Exercises in the acceptance and handling of dangerous goods (Operator's responsibilities)
- Confirmation exam

Pre-course requisites:
- While prior qualification on using the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air is recommended, no prior experience is required.
- The candidates should bring with them a copy of the following documents. :
  - Annex 18 to the Convention on International Civil Aviation - The Safe Transport of Dangerous Goods by Air, 4th edition, July 2011;
  - Doc 9284 AN/905 ICAO Technical Instruction for the Safe Transport of Dangerous Goods by Air (2015-2016 edition); and
  - Doc 9284 AN/905 SUP Supplement to the ICAO Technical Instruction for the Safe Transport of Dangerous Goods by Air (2015-2016 edition)
  - Doc 9481 AN/928 ICAO Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods (2015-2016 edition)

Content of the training:
- ITI-01 - Introduction
- ITI-02 - ICAO Annex 18 and the Technical Instructions
- ITI-03 - Content of the Technical Instructions
- ITI-04 - Classification
- ITI-05 - The Use of the Dangerous Goods List (Table 3-1)
- ITI-06 - Dangerous Goods not Specifically Listed by Name
- ITI-07 - Packing Requirements
- ITI-08 - Package Specification Markings
- ITI-09 - Marking and Labelling of Packages
- ITI-10 - Documentation
- ITI-11 - Different Dangerous Goods Together in One Package
- ITI-12 - Dangerous Goods in Limited Quantities
- ITI-13 - Limitations on Dangerous Goods Transported by Air
- ITI-14 - Radioactive Materials
- ITI-15 - Provisions for Passengers and Crew Members
- ITI-16 - Air Operator's Responsibilities

Training aids provided:

- Handouts
    - Initial Training on the ICAO Technical Instructions (ITI)
    - Training Exercises (2015-2016 edition); and
    - Dangerous Goods Inspector Field Reference Guide (2015-2016 edition);

- A Reference DVD containing:
    - The presentations (Adobe pdf);
    - Various references documents in electronic format; and
    - Case Studies

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Dangerous Goods Technical Course
Under the ICAO COSCAPs Programme

Initial Dangerous Goods Safety Oversight Workshop (IDGO)
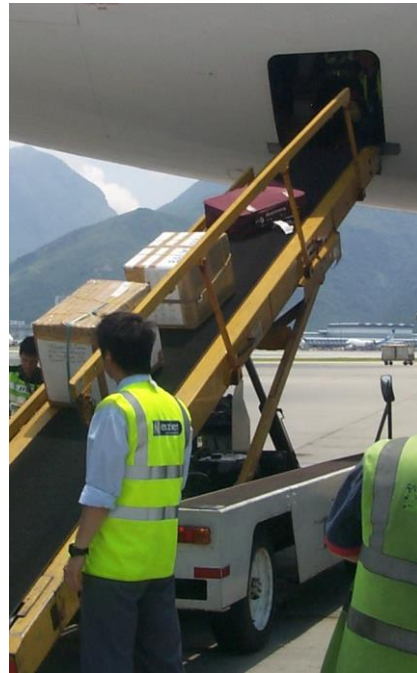
OUTLINE

Description: The Dangerous Goods Safety Oversight Workshop is designed to provide the participants with the required tools to establish a State's Dangerous Goods Safety Oversight program in order to comply with the requirements established in the Annex 18 of the ICAO Convention on International Civil Aviation.

Language: English

Duration: 5 days

Method of Instructions:
- Classroom lectures
- Group exercises involving the review of simulated submitted documents and situations

Pre-course requisites:
- While prior qualification on using the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air is recommended, no prior experience is required.
- The candidates should bring with them a copy of the following documents:
  - Annex 18 to the Convention on International Civil Aviation - The Safe Transport of Dangerous Goods by Air, 4th edition, July 2011;
  - Doc 9284 AN/905 ICAO Technical Instruction for the Safe Transport of Dangerous Goods by Air (2015-2016 edition); and
  - Doc 9284 AN/905 SUP Supplement to the ICAO Technical Instruction for the Safe Transport of Dangerous Goods by Air (2015-2016 edition)

Content of the training:
- IDGO-01 - Course Introduction
- DGS-01 - The Dangerous Goods System
- FIS-01 - Fantasia Island Scenario
- IDGO-02 - General Information
- IDGO-03 - Legislation
- IDGO-04 - Inspector's Qualification and Training
- IDGO-05 - Dangerous Goods Audits and Inspections
- IDGO-06 - Initial Certification Procedures
- IDGO-07 - Surveillance Plan and Procedures
- IDGO-08 - Surveillance Procedures for Cargo Facilities

- IDGO-09 - Surveillance Procedures for Passenger Terminal Facilities
- IDGO-10 - Surveillance Procedures for Ramp Facilities
- IDGO-11 - Surveillance Procedures for Shipping Facilities
- IDGO-12 - Surveillance Procedures for Other Facilities
- IDGO-13 - Dangerous Goods Accidents And Incidents
- IDGO-14 - Exemptions and Approval
- IDGO-15 - Passenger Public Awareness Programme
- IDGO-16 - Source of Additional Information
- USOAP -01 - Review of the ICAO Universal Safety Oversight Audit Programme (USOAP) protocol questions related to the safe transport of dangerous goods by air

Samples checklists will also be reviewed.

- The training will include exercises in the review and approval of:
  - Dangerous goods segments of operations manuals;
  - Dangerous goods training programs; and
  - Request for exemptions and approvals

Training aids provided:

- Handouts
  - Dangerous Gods Inspector Manual (Generic) (2015-2016 edition);
  - Initial Dangerous Goods Safety Oversight Workshop (IDGO) – Training Exercises (2015-2016 edition); and
  - Dangerous Goods Inspector Field Reference Guide (2015-2016 edition);

- A Reference DVD containing:
  - The presentations (Adobe pdf);
  - Various references documents in electronic format; and
  - Case Studies

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Dangerous Goods Technical Course
Under the ICAO COSCAPs Programme

Recurrent Training on the ICAO Technical Instructions (RTI)

<u>OUTLINE</u>

Description: The Recurrent Training on the ICAO Technical Instructions is designed to fulfill the requirement from sub-paragraph 1;4.2.3 which state: "Recurrent training must take place within 24 months of previous training to ensure knowledge is current." Using the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air, 2015-2016 edition, the training will cover the essential segments and the changes.

Knowledge of on how to use the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air, is a requirement for 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.

Language: English

Duration: 3 days

Method of Instructions:
- Classroom lectures
- Exercises on the classification, selection of packaging, packaging, marking, labelling and documenting various shipments (Shipper's responsibilities)
- Exercises in the acceptance and handling of dangerous goods (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.
- The candidates should bring with them a copy of the following documents:
  - Annex 18 to the Convention on International Civil Aviation - The Safe Transport of Dangerous Goods by Air, 4th edition, July 2011;
  - Doc 9284 AN/905 ICAO Technical Instruction for the Safe Transport of Dangerous Goods by Air (2015-2016 edition); and
  - Doc 9284 AN/905 SUP Supplement to the ICAO Technical Instruction for the Safe Transport of Dangerous Goods by Air (2015-2016 edition)
  - Doc 9481 AN/928 ICAO Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods (2015-2016 edition)

Content of the training:
- RTI-01 - Introduction
- RTI-02 - Classification
- RTI-03 - Packaging
- RTI-04 – Marking Labeling and Documentation
- RTI-05 – Air Operator's Responsibilities
- RTI-06 – Postal Authority Responsibilities
- RTI-07 – State Inspector's Responsibilities

Training aids provided:

- Handouts
    - Recurrent Training on the ICAO Technical Instructions (RTI)
    - Training Exercises (2015-2016 edition); and
    - Dangerous Goods Inspector Field Reference Guide (2015-2016 edition);

- A Reference DVD containing:
    - The presentations (Adobe pdf);
    - Various references documents in electronic format; and
    - Case Studies

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Dangerous Goods Technical Course
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Recurrent Dangerous Goods Safety Oversight Workshop (RDGO)

<u>OUTLINE</u>

Description: The Recurrent Dangerous Goods Safety Oversight Workshop is designed to provide the participants with an update on tools to establish a State's Dangerous Goods Safety Oversight program in order to comply with the recent additional requirements established in the Annex 18 of the ICAO Convention on International Civil Aviation.

Language: English

Duration: 3 days

Method of Instructions:
- Classroom lectures
- Group exercises involving the review of simulated submitted documents and situations

Pre-course requisites:
- While prior participation in an Initial Dangerous Goods Safety Oversight Workshop and experience on using the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air is recommended, no prior experience is required.
- The candidates should bring with them a copy of the following documents:
    - Annex 18 to the Convention on International Civil Aviation - The Safe Transport of Dangerous Goods by Air, 4th edition, July 2011;
    - Doc 9284 AN/905 ICAO Technical Instruction for the Safe Transport of Dangerous Goods by Air (2015-2016 edition); and
    - Doc 9284 AN/905 SUP Supplement to the ICAO Technical Instruction for the Safe Transport of Dangerous Goods by Air (2015-2016 edition)

Content of the training:
- RDGO-01 - Course Introduction
- DGS-01 - The Dangerous Goods System
- FIS-01 - Fantasia Island Scenario
- RDGO-02 - General Information
- RDGO-03 - Legislation
- RDGO-04 - Inspector's Qualification and Training
- RDGO-05 - Dangerous Goods Audits And Inspections
- RDGO-06 - Initial Certification Procedures
- RDGO-07 - Surveillance Plan and Procedures
- RDGO-08 - Surveillance Procedures for Cargo Facilities

- RDGO-09 - Surveillance Procedures for Passenger Terminal Facilities
- RDGO-10 - Surveillance Procedures for Ramp Facilities
- RDGO-11 - Surveillance Procedures for Shipping Facilities
- RDGO-12 - Surveillance Procedures for Other Facilities
- RDGO-13 - Dangerous Goods Accidents And Incidents
- RDGO-14 - Exemptions and Approval
- RDGO-15 - Passenger Public Awareness Programme
- RDGO-16 - Source Of Additional Information
- USOAP -01 - Review of the ICAO Universal Safety Oversight Audit Programme (USOAP) protocol questions related to the safe transport of dangerous goods by air

Samples checklists will also be reviewed.

- The training will include exercises in the review and approval of:
  - Dangerous goods segments of operations manuals;
  - Dangerous goods training programs; and
  - Request for exemptions and approvals

Training aids provided:

- Handouts
  - Dangerous Goods Inspector Manual (Generic) (2015-2016 edition);
  - Recurrent Dangerous Goods Safety Oversight Workshop (RDGO) – Training Exercises (2015-2016 edition); and
  - Dangerous Goods Inspector Field Reference Guide (2015-2016 edition);

- A Reference DVD containing:
  - The presentations (Adobe pdf);
  - Various references documents in electronic format; and
  - Case Studies

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