

# Transportation of Dangerous Goods Training

## **Course Outline:**

- Introduction & Legislation
  - History of the TDG Act
  - The TDG Regulations
  - Transport Canada's Safety Checklist
  - TDG Regulations Parts and Schedules
  - TDG Training
  - Employer Responsibilities
  - TDG Training Certificates
  - Untrained Employees
  - Inspections
  - Fines and Penalties
  - TDG Roles and Responsibilities
  - Air and Ocean Requirements
- Classification
  - Purpose of Classification
  - TDG Classification System
  - Class Descriptions
  - Divisions within Classes
  - Subsidiary Class
  - Packing Groups
  - Classes of Dangerous Goods
  - Finding the Classification of a Dangerous Good
  - TDG Regulations – Schedules
  - Shipping Names
  - Who Determines the Class?
  - Test Methods
- Means of Containment
  - Small Means of Containment
  - Large Means of Containment
  - UN Packaging Code
  - Special Means of Containment for Classes

- Dangerous Goods Safety Marks
  - Safety Mark Descriptions
  - Safety Mark – Colours, Backgrounds & Symbols
  - Danger Placard
  - Marine Pollutant Safety Mark
  - Elevated Temperature Placard
  - Fumigation Placard
  - Limited Quantities Label
  - The Orange Panel
  - Safety Marks When and Which Ones?
  - Labels on Small MoC
  - Subsidiary Class Labels
  - Labels on Small MoC – Variations
  - Large MoC – When to Display Placards
  - Large MoC – Displaying Placards
  - Large MoC – Mixed Loads with No ERAP
  - Large MoC – Mixed Loads with an ERAP
  - Large MoC – The Danger Placard
  - Placarding Exceptions
  - When to Display the UN Number
  - Large MoC – Subsidiary Class
  - Large MoC – Placard Location
  - Placard Location – Compartments
- Ensuring Safety of DGs in Transport
  - Emergency Response Assistance Plan
  - ERAP Application, Renewal and Revision
  - ERAP Approval
  - Permit for Equivalent Level of Safety
  - Protective Directions
  - Detention of Dangerous Goods
  - Direction to Remedy Non-Compliance
  - Direction Not to Import or to Return to Place of Origin
  - Appealing Protective Directions
- Documentation
  - Shipper Responsibilities

- Driver Responsibilities
- The Shipping Document
- The 24 Hour Number
- Special Cases
- Shipping Document – ERAP
- Shipping Document – Marine Transport
- Shipping Dangerous Goods
  - The Shipping Document
  - Record Keeping
  - Placards and Labels
  - Consistency of Safety Marks
  - Shipping Considerations – to the USA
  - Shipping Considerations – from the USA
  - Shipping Considerations - ICAO & IMDG
- Accidental Release of DGs
  - Accidental Release – Definition
  - When to Report an Accidental Release
  - Reporting
  - Reporting to CANUTEC
  - The Immediate Report – Public Security
  - Imminent Accidental Release
  - The Immediate Report
  - The Immediate Report – 30 Day Follow-Up
- Exemptions & TDG Overview
  - 150 kg Gross Mass Exemption
  - 500 kg Gross Mass Exemption
  - Class 2, Gases, in Small MoC Exemption
  - Limited Quantities Exemption
  - Diesel Fuel or Gasoline Exemption
  - PELS
  - TDG Overview
  - The Safety Checklist
- Interactive exercises, tests & certificate

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