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INSTITUTE OF PROFESSIONAL CERTIFICATIONS

CANADA DANGEROUS GOODS REGULATIONS AND COMPLIANCE: TRANSPORTATION, HANDLING, PACKAGING, STORAGE AND COMPLIANCE REQUIREMENTS

**Fully Accredited
By:**

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PROGRAM OVERVIEW

Did you know that Canada's Transportation of Dangerous Goods Act imposes severe penalties for non-compliance, **including fines up to CAD 250,000 and imprisonment?** In addition, Canada's vast geography and **regional variations in dangerous goods regulations can make it difficult for transportation leaders to comply with.** For example, transport routes passing through different provinces will require adherence to additional local regulations, increasing the complexity of compliance.

This certified program will equip you with comprehensive knowledge to navigate Canada's Transportation of Dangerous Goods Regulations with confidence and precision. You will master the **classification of dangerous goods across all nine TDG classes, interpret UN numbers for accurate hazard assessment, and apply compliant packaging, safety marks, and placards** throughout the entire dangerous goods lifecycle.

Participants will gain insights into comprehensive coverage of **Canada's Transportation of Dangerous Goods Act and Regulations, Canada Transportation Act,** and relevant international frameworks including **UN Numbers System, IATA Dangerous Goods Regulations, and IMDG Code.** You will also develop practical expertise in selecting appropriate means of containment, preparing legally defensible shipping documentation, and implementing best practices that reduce compliance risk and prevent incidents.

ACCREDITATIONS



4.8



4.6





PROGRAM OVERVIEW

Beyond fundamental compliance, the program addresses critical operational areas: **Emergency Response Assistance Plans (ERAPs), incident and release reporting through CANUTEC, special provisions and exemptions, and segregation and loading requirements** for large means of containment. You will gain strategic insights **into managing regulatory differences across provinces and transport modes**, strengthening your organization's internal compliance systems.

Through applied learning and practical examples, complex regulatory requirements are translated into **clear, operational protocols**. By program completion, you'll possess the strategic knowledge and practical skills to **manage dangerous goods safely, strengthen audit readiness, and navigate enforcement actions**—positioning yourself as an essential compliance asset capable of confidently handling Canada's most demanding transportation safety challenges.

Upon successful completion of the program, you will attain the **Certification in Canada Dangerous Goods Regulations and Compliance**. This industry-recognized certification will validate your expertise in hazardous materials management and regulatory compliance, enhancing your professional credibility as a compliance leader in one of Canada's most critical and tightly regulated operational domains.

ACCREDITATIONS



4.8



4.6



KEY SKILLS YOU WILL GAIN

From This Program



DANGEROUS GOODS CLASSIFICATION & IDENTIFICATION
INTERPRETATION OF CANADA TDG ACT
TDG REGULATIONS

9 TDG HAZARD CLASSES
EMERGENCY RESPONSE ASSISTANCE PLAN (ERAP)
SHIPPING DOCUMENTATION PREPARATION & VERIFICATION

MEANS OF CONTAINMENT (MOC) SELECTION
PACKAGING COMPLIANCE
QUANTITY LIMIT CALCULATIONS
SAFETY MARKS APPLICATION

LABELS & PLACARDING APPLICATION
INCOMPATIBLE DANGEROUS GOODS
LARGE MEANS OF CONTAINMENT
DANGEROUS GOODS RISK ASSESSMENT
INCIDENT & SPILL REPORTING PROCEDURES

EMERGENCY RESPONSE & CRISIS MANAGEMENT
REGULATORY INSPECTION & AUDIT READINESS

YOUR FACULTY DIRECTOR



Patrick Lipscombe

Global Leader in Dangerous Goods Compliance & Regulatory Risk Management

Patrick Lipscombe is a distinguished Occupational Health & Safety (OH&S) professional, consultant, and trainer with more than 32 years of experience in workplace health and safety, including **30 years of specialized expertise in Transportation of Dangerous Goods (TDG) compliance and training**. As the founder of **The Safety Cat**, Patrick has partnered with hundreds of organizations across diverse industries to strengthen regulatory compliance, develop robust Safety Management Systems (SMS), and foster safer, more resilient workplaces.

Recognized by Ontario's Ministry of Labour, Immigration, Training & Skills Development (MLITSD) and the Ministry of Training, Colleges & Universities (MTCU), Patrick holds **16 trainer-level certifications and is qualified to deliver over 60 occupational safety programs**. He has designed and delivered practical, legislation-aligned TDG training for leading OH&S providers, **conducted more than 150 TDG training programs, and provided consulting services to organizations** including Wakefield Canada (Castrol) and other industry training providers. Widely respected for his engaging, hands-on approach, Patrick translates complex regulatory requirements into practical strategies that enable organizations to achieve sustainable compliance and operational excellence. His expertise was recognized through his nomination for **COS Magazine's 2021 5-Star Safety Trainer Award**.

OUR PARTICIPANTS

Over 70% of FORTUNE 500 Companies Have Attended Our Accredited Programs Before





PROGRAM AGENDA

MODULE 1 - TDG FUNDAMENTALS: REGULATORY SCOPE, APPLICABILITY AND RISK AWARENESS

- What are TDG Products
- TDG Incident Statistics
- When Does / Doesn't TDG Apply

MODULE 2 - BUILDING CANADA'S TDG REGULATORY FRAMEWORK: HISTORY, LEGISLATION AND ENFORCEMENT

- TDG History: 1979 Mississauga Train Derailment
- How This Event Was Responded To
- The Creation of the TDG Act & Reg's Starting in Jan/Feb 1980
- Other Applicable Legislation
- Amendments to the TDG Act & Reg's: How Often, for What Topics and the Responsibility to Keep-up on Amendments
- TDG Offences & Penalties Including Enforcement

MODULE 3 - ESSENTIAL REGULATORY TERMINOLOGY

- Definition of Terms: Common Specific TDG Terminology

MODULE 4 - DANGEROUS GOODS CLASSIFICATION

- Classification of Dangerous Goods
- What are the 9 Classes
- What Products are Included in the 9 Classes & Some Products that are Not TDG Regulated
- How are Classes Broken-down
- What is the Appearance of Labels & Placards in the Classes

MODULE 5 - NAVIGATING THE TDG SCHEDULES AND EMERGENCY RESPONSE

- Schedules #1, #2 & #3
- How to Read These Schedules
- How to Find Your Products Within the Schedules
- What Restrictions for Transportation are Identified in the Schedules
- Exercises for Participants to Find all the Details for a Selection of their Specific Products
- North American Emergency Response Guide



PROGRAM AGENDA

MODULE 6 - COMPLIANCE RESPONSIBILITIES ACROSS THE DANGEROUS GOODS SUPPLY CHAIN

- TDG Duties: Consignor, Carrier & Consignee
- Duties of Additional Persons Who May be Involved in TDG Shipments
- TDG Training Requirements

MODULE 7 - SAFE HANDLING, SEGREGATION AND OPERATIONAL CONTROLS FOR DANGEROUS GOODS

- General TDG Handling Guidance
- How to Handle Some Specific Classes
- Examples of What Can / Cannot be Mixed Together in a Shipment
- TDG Handling Equipment

MODULE 8 - PACKAGING COMPLIANCE AND MEANS OF CONTAINMENT REQUIREMENTS

- Means of Containment (MoC)
- Packaging Standards / Requirements
- Deciphering of UN Specific Packaging Codes
- Packaging Requirements via Specific Means of Transport: Air, Marine
- The ISHP Acronym: Information Requirements on Packages

MODULE 9 - APPLYING TDG EXEMPTIONS, EXCEPTIONS AND SPECIAL CASES / PROVISIONS

- Special Cases, Exemptions and Exceptions
- Circumstances When Part or all of TDG Requirements Does Not Apply

MODULE 10 - SAFETY MARKS, LABELS AND PLACARDS: COMMUNICATING HAZARDS CORRECTLY

- TDG Safety Marks
- Differences Between TDG, WHMIS & Consumer Commodity Warning Labels
- Misleading Safety Marks
- Other Safety Marks
- The Danger Placard: When it Can / Cannot be Used
- Placarding Exemptions
- Compartmentalized Tankers Placarding

MODULE 11 - SHIPPING DOCUMENTATION AND RECORDKEEPING FOR TDG COMPLIANCE

- TDG Shipping Documents: Specific Contents
- Where Shipping Doc's Must be During Transportation & in Storage
- How Long to Keep Shipping Doc's For
- The ISHP Acronym (As Seen in Packaging)
- Document Sign-off / Certification / Declaration



PROGRAM AGENDA

MODULE 12 - EMERGENCY RESPONSE PLANNING AND ERAP COMPLIANCE

- Emergency Response Assistance Plans (ERAPs)
- How to Find the Requirements in Schedule #1
- What are the Contents of an ERAP

MODULE 13 - INCIDENT REPORTING AND REGULATORY NOTIFICATION REQUIREMENTS

- Reporting Requirements
- Publish
- When, How & By Whom
- Names & Types of Different Reports: Some Specific to Particular Modes of Transport – Road, Sea, Air
- Who Needs to be Notified & in What Specific Circumstances
- Unique Contents of Specific Reports
- Notification Contact Information is Provided

MODULE 14 - COMPETENCY ASSESSMENT, DUE DILIGENCE AND EMERGING TDG REQUIREMENTS

- TDG Proposed Practical Evaluation Requirements

- Why & When Was This Proposed: Why Not Currently Implemented
- Who Can Conduct the Evaluations
- Evaluation Criteria & Examples Based-on Common Job Titles
- Intent of the Government to Implement the Eval's in the Future

MODULE 15 - ACHIEVING END-TO-END TDG COMPLIANCE: AN INTEGRATED PRACTICAL FRAMEWORK

- “So How do I TDG” a Summary of the Requirements
- 8 Specific Steps to Compliant TDG Transportation

MODULE 16 - WASTE MANIFESTING UNDER NEW HWP SYSTEM (2023)

- Waste Manifesting Requirements
- Definitions, Legislation, New HWP System, Accumulation of Waste Before Shipping & Emergency Response
- Related to TDG ERAP Requirements

MODULE 17 - FEDERAL SPILLS RESPONSE

- Spills Response Requirements
- Definitions, Legislation, Notification, Federal Spill Classes & Spill Management
- Related to TDG ERAP Requirements



PROGRAM AGENDA

MODULE 18 - BASIC CARGO SECUREMENT & CANADIAN HOURS OF SERVICE

- Cargo Securement Requirements
- General Provisions, Inspection, Exemption, Securement Devices
- Hours of Service Requirements: Canada
- Related to TDG Shipper & Carrier Responsibilities

YOUR CHARTER DESIGNATION



Chartered Institute of Professional Certifications' programs are unique as they provide you with professional charter designations and marks that can be used across your lifetime once you have completed our programs.

Upon successfully completing this program, you will earn a **Certification in Canada Dangerous Goods Regulations and Compliance**, an industry-recognized certification with lifelong validity. This prestigious certification validates your capability to interpret and apply TDG requirements, design effective compliance procedures, and support the safe and lawful transport of dangerous goods within Canada and across borders. It strengthens your professional credibility and signals your commitment to safety leadership and regulatory excellence.

This program is developed by **Chartered Institute of Professional Certifications** and the content of this program has been certified by **CPD Certification Service** as conforming to continuing professional principles.

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We Thank You for Your Ongoing Support
of Our Programs

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