

CHARTERED 
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



Pierre Boies

Global Leader in Dangerous Goods Compliance & Regulatory Risk Management

Pierre Boies is a highly regarded regulatory affairs professional and subject matter expert in Dangerous Goods (DG) management, with **over 26 years of experience in hazardous materials handling, transportation, export, and import across diverse industries**. His career is distinguished by a strong commitment to regulatory compliance, operational safety, and the practical application of complex requirements to support organizational excellence.

Pierre has **advised nearly 2,000 organizations across 25 industries worldwide, delivering executive education and consultancy services across Canada, the United States, Europe, Africa, China, and Mexico**. A fluent speaker of French, English, and Spanish, he is widely recognized for his ability to translate technical regulations into clear, actionable guidance.

He currently serves as Director of Regulatory Affairs at Toxyscan Inc., where he supports organizations in strengthening DG compliance, managing risk, and enhancing regulatory readiness. Pierre has also **contributed to the development of industry standards through expert committee work with the Institute of Hazardous Materials Management (IHMM), Transport Canada, and the Canadian General Standards Board (CGSB)**. His expertise spans TDG, ICAO TI, IATA DGR, IMDG Code, ADR, RID, and 49 CFR, positioning him as a trusted authority in global dangerous goods compliance.

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PROGRAM AGENDA

MODULE 1 - AWARENESS OF DANGEROUS GOODS MANAGEMENT

- Legal framework
- Shipping record
- Definitions
- Functions / Responsibilities
- Application
- Training requirements

MODULE 2 - DANGEROUS GOODS CLASSIFICATION

- Use and application of Part 2 - DG classification (9 classes)
- DG identification
- Use and application of Schedule 1, 2 and 3

MODULE 3 - EMERGENCY RESPONSE ASSISTANCE PLAN (ERAP)

- Use and application of Part 7 – Understanding requirements
- Determining when an ERAP is required
- If required, how to request?
- If applicable, how to implement an ERAP and who can do it?

MODULE 4 - SAFETY MARKS

- Identify dangerous good safety marks
- Identify additional or special dangerous good safety marks

- Principles of dangerous goods safety marks
- Which dangerous goods safety mark must be displayed on a means of containment
- Who is responsible for affixing dangerous goods safety marks
- Principles of affixing marks (Labels and placards)

MODULE 5 - SELECTING MEANS OF CONTAINMENT (MOC)

- Use and application of Part 5
- Use and application of the appendices
- Principles for means of containment
- Use and application of relevant standards and their requirements
- Use and application of packing instructions
- Establishing quantity limitations

MODULE 6 - DOCUMENTATION

- Use and application of Part 3
- Determine when a shipping document is required
- General requirements for a shipping document
- Information that must appear on a shipping document



PROGRAM AGENDA

- Complete a shipping document
- Shipping record
- Shippers' certification

MODULE 7 - REPORTING

- Use and application of Part 8
- Determine the type of report required
- Make an emergency report
- File a report of release or anticipated release
- Submit a follow-up report within 30 days
- File an incident report related to an ERAP
- Take reasonable emergency measures

MODULE 8 - SPECIAL CASES (EXEMPTIONS)

- Use and application of Part 1
- Determine the relevant special provisions
- Evaluate the relevant special provisions
- Apply the relevant special provisions
- Determine the maximum quantity per MoC
- Consider differences in requirements at international borders
- Determine whether countries have reciprocal agreements

MODULE 9 - LOADING – LARGE MEANS OF CONTAINMENT

- Load a means of containment of DG and secure the load in or on the MoC
- Load MOC containing dangerous goods that could react dangerously with each other (Segregation)
- Use and application of the relevant standard and its requirements
- Proper use of equipment used for handling (Including loading) or transporting DG
- Use and application of the proper safety marks

MODULE 10 - DG MANAGEMENT DURING TRANSPORT AND UNLOADING A LARGE MOC

- Use and application of safety marks during transport
- Use and application of shipping documents
- Use and application of reporting in case of accidental release
- Shipping record
- Variations between provinces (Railroad crossings, tunnels)

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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of Our Programs

Singapore and Asia Pacific Enquiries

Email: advisor@charteredcertifications.com
Phone: +65 6716 9980
Address: Chartered Institute of Professional Certifications
1 Gateway Drive
#20-04 Westgate Tower
Singapore 608531

Australia and New Zealand Enquiries

Email: advisor@charteredcertifications.com
Phone: +61 3 9909 7310
Address: Chartered Institute of Professional Certifications
530 Little Collins Street, Level 1
Melbourne VIC 3000, Australia

UK, Europe and Middle East Enquiries

Email: advisor@charteredcertifications.com
Phone: +44 (020) 335 57898
Address: Chartered Institute of Professional Certifications
86-90 Paul Street
London, EC2A 4NE

USA Enquiries

Email: advisor@charteredcertifications.com
Phone: +1 888 745 8875
Address: Chartered Institute of Professional Certifications
99 Wall Street #3936
New York, NY 10005