

**CHARTERED**   
INSTITUTE OF PROFESSIONAL CERTIFICATIONS



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

**Fully Accredited  
By:**

Chartered Institute of  
Professional Certifications

CPD  
Certification Service



# PROGRAM OVERVIEW

Dangerous goods make up just 4-5% of EU road freight but drive a disproportionate share of incidents and enforcement. Recent data shows **over 417,000 inspections uncovered ~20% non-compliance, with 40% high-risk cases** triggering vehicle immobilization and **finest in 71% of violations**. Adherence averts deadly accidents, pollution, steep penalties, and business disruptions in this high-volume sector.

This certified program equips you with comprehensive knowledge to navigate EU Dangerous Goods Regulations with confidence and precision. You will master the **classification of dangerous goods across all UN hazard classes, validate Safety Data Sheet (SDS) data**, and understand the critical interaction between transport regulations and CLP/GHS requirements. The program will also provide you with in-depth expertise in selecting **UN-approved packaging, applying compliant labelling and marking standards**, and preparing accurate Dangerous Goods Declarations (DGD) and multimodal transport documentation.

You will gain detailed insights into the **EU regulatory architecture, including modal differences across road, rail, air, and maritime transport**, and the legal responsibilities of all stakeholders such as consignors, carriers, loaders, and Dangerous Goods Safety Advisors (DGSA). You will also develop practical capability in **managing cross-border liability and ensuring compliance** across complex EU supply chains.

## ACCREDITATIONS



4.8



4.6



# PROGRAM OVERVIEW

Beyond core compliance, this program addresses critical operational areas including safe handling, loading, load securing, and incompatibility segregation to prevent incidents and contamination. You will explore EU storage and warehousing requirements, including **hazard class segregation, fire protection, and site compliance** considerations. In addition, the program covers **regulatory updates, transition management, and the digitalization of dangerous goods documentation** to ensure ongoing compliance.

Through practical case studies and **risk-based methodologies such as HAZOP, Bow-Tie, and FMEA**, you will strengthen your audit readiness, understand common enforcement failures, and implement effective corrective actions. You will also gain insights into security requirements for **high-consequence dangerous goods, including threat assessment and diversion prevention**.

Upon successful completion of the program, you will attain the **Certification in EU Dangerous Goods Regulations and Compliance**. This industry-recognized certification will validate your expertise in managing EU dangerous goods regulations, enhancing your professional credibility as a compliance leader in logistics, safety, and regulatory domains.

## ACCREDITATIONS



4.8



4.6



# KEY SKILLS YOU WILL GAIN

## From This Program



**DANGEROUS GOODS CLASSIFICATION  
UN HAZARD CLASSES  
SDS INTERPRETATION  
REGULATORY FRAMEWORK ANALYSIS**

**ADR/ RID/ ADN COMPLIANCE  
IMDG CODE APPLICATION  
ICAO/IATA COMPLIANCE  
CLP/GHS ALIGNMENT**

**PACKAGING COMPLIANCE  
UN PACKAGING STANDARDS  
LABELLING & MARKING  
DANGEROUS GOODS DOCUMENTATION**

**MULTIMODAL DOCUMENTATION  
LANGUAGE COMPLIANCE (ADR)  
SUPPLY CHAIN ACCOUNTABILITY  
DGSA COMPLIANCE OVERSIGHT  
CROSS-BORDER COMPLIANCE**

**LOAD SECURING TECHNIQUES  
HAZARD SEGREGATION**

# YOUR FACULTY DIRECTOR



## Toine van Moorsel

Global HSE Manager and Dangerous Goods Compliance Expert

Toine van Moorsel is a seasoned **Global HSE Manager and Dangerous Goods compliance expert**, with extensive experience across EU regulatory frameworks including ADR, IMDG, and CLP. He is **widely recognized for translating complex regulatory requirements into clear, practical solutions** that organizations can implement to achieve compliance and operational efficiency.

With a **strong track record in leading safety initiatives** across global operations, Toine has successfully built and embedded high-performing safety cultures, driving accountability, reducing risk, and improving compliance outcomes. **His expertise spans dangerous goods transport, risk assessment, compliance auditing, and cross-border regulatory coordination.**

As an **experienced trainer and speaker**, Toine delivers engaging, **results-oriented sessions** focused on real-world application. He equips professionals with practical tools, regulatory insights, and actionable strategies to navigate compliance challenges, strengthen safety systems, and manage hazardous materials confidently within the EU regulatory environment.

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# PROGRAM AGENDA

## MODULE 1 - EU DANGEROUS GOODS REGULATORY ARCHITECTURE

- ADR | RID | ADN | IMDG Code | International Civil Aviation Organization | CLP Regulation
- EU Legal Framework and UN Harmonization
- Modal Differences and What is Not Harmonized
- Transport Law vs CLP/GHS Interaction
- Penalties, Liabilities and Enforcement Trends

## MODULE 2 - CLASSIFICATION OF DANGEROUS GOODS

- UN 9 Hazard Classes and Subdivisions
- Classification Criteria (Physical, Chemical, Toxicological)
- Role and Limitations of Safety Data Sheets (SDS)
- Misclassification Case Studies and Enforcement Consequences

## MODULE 3 - RESPONSIBILITIES & LEGAL ACCOUNTABILITY

- Duties of Consignor, Carrier, Consignee, Loader, Packer, Filler, Tank Operator, Unloader
- Shared vs Exclusive Responsibilities
- Dangerous Goods Safety Advisor (DGSA) Obligations
- Cross-border Liability Allocation

## MODULE 4 - PACKAGING & CONTAINMENT STANDARDS

- UN-approved Packaging and Performance Testing
- When In-house Testing is Required
- Packaging Instructions (ADR, Air, Maritime)
- Sustainable and Compliant Packaging Strategies

## MODULE 5 - LABELLING, MARKING & DOCUMENTATION

- Transport Hazard Labels vs GHS Labels
- Marking Rules for Packages, Tanks, Vehicles
- Dangerous Goods Declaration (DGD) & Multimodal Forms
- Language Requirements Under ADR
- Audit Red Flags and Documentation Errors

## MODULE 6 - REGULATORY UPDATES & TRANSITION MANAGEMENT

- Transport Law Update Cycles
- Transition Periods and Implementation Risks
- Managing Regulatory Amendments Across Modes
- Digitization of DG Documentation

## MODULE 7 - ROAD & RAIL COMPLIANCE (ADR & RID)

- Vehicle Certification and Equipment



# PROGRAM AGENDA

- Driver Training and Competency Requirements
- Limited Quantity and Exemption Thresholds
- Emergency Instructions and Load Securing

## **MODULE 8 - AIR & MARITIME TRANSPORT COMPLIANCE**

- ICAO Technical Instructions vs IATA DGR
- IMDG Code Segregation and Stowage Rules
- Lithium Batteries, Radioactive and Infectious Substances
- Operator Acceptance Procedures

## **MODULE 9 - HANDLING, LOADING & LOAD SECURING**

- Safe Loading and Unloading Procedures
- Incompatibility Segregation
- Risk Assessment and PPE
- Cross-contamination and Incident Prevention

## **MODULE 10 - STORAGE & WAREHOUSING IN THE EU**

- EU, National and Local Regulatory Layers
- Hazard Class Segregation in Facilities
- Fire Protection, Ventilation, Spill Containment
- Pre-entry Feasibility Assessments for New EU Sites

## **MODULE 11 - SECURITY & HIGH-CONSEQUENCE DANGEROUS GOODS**

- EU Security Requirements
- Threat Assessment and Supply Chain Vulnerabilities
- Tracking, Monitoring and Diversion Prevention
- Preventing Theft and Sabotage

## **MODULE 12 - COMPLIANCE AUDITS, RISK MANAGEMENT & CASE STUDIES**

- EU Inspection Regimes and Enforcement Patterns
- Common Audit Failures and Corrective Action Strategies
- Risk Tools: HAZOP, Bow-Tie, FMEA

*(Disclaimer: This training is provided for general awareness purposes only and does not constitute formal certification or qualification. Regulatory requirements vary by jurisdiction and transport mode and may mandate completion of approved training and examinations prior to offering shipments into the supply chain or to a transport organization. Participants remain responsible for ensuring full compliance with all applicable laws and certification requirements.)*

# 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 EU 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 the EU 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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# OUR FACULTY DIRECTORS

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# CONTACT US TODAY

We Thank You for Your Ongoing Support  
of Our Programs

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