

CHARTERED 
INSTITUTE OF PROFESSIONAL CERTIFICATIONS



**CERTIFIED
AUSTRALIA
DANGEROUS
GOODS
REGULATIONS AND
COMPLIANCE**

**Fully Accredited
By:**

Chartered Institute of
Professional Certifications

CPD
Certification Service

PROGRAM OVERVIEW

Australia transports roughly 4.3% of all freight as dangerous goods, yet these shipments account for around over 100 serious injuries each year. **High-profile incidents**, such as the 2021 hydrochloric acid leak at the Port of Brisbane, highlight that even experienced operators are not immune from severe legal, financial, and reputational fallout when ADG Code and WHS obligations are breached. **As supply chains grow more complex and regulatory scrutiny intensifies**, the margin for error in dangerous goods operations has become narrower than ever—making compliance and proactive risk management absolutely critical.

This certified training program will equip you with advanced knowledge and hands-on expertise to confidently navigate the complexities of Australia's Dangerous Goods (DG) regulatory landscape. You will gain a thorough understanding of your legal obligations under the **Australian Dangerous Goods (ADG) Code, the Work Health and Safety (WHS) Regulations, and state-specific Dangerous Goods Acts and regulations**. Beyond the domestic framework, the program also covers **critical international standards** that shape compliance, including the United Nations Recommendations on the Transport of Dangerous Goods (UNRTDG), the International Maritime Dangerous Goods (IMDG) Code, and the International Air Transport Association (IATA) Dangerous Goods Regulations.

This program will provide you with the practical **technical skills required to manage every aspect of DG compliance**—covering classification, packaging, labeling, marking, documentation, and storage in line with the latest national and international standards. You will master the procedures for **accurately classifying dangerous goods across the 9 classes** and their divisions, applying the Globally Harmonized System (GHS) for hazard communication, and referencing key Australian Standards.

ACCREDITATIONS



4.8



4.6



PROGRAM OVERVIEW

Participants will also develop advanced competencies in **packaging selection, transport documentation such as Safety Data Sheets (SDS) and Dangerous Goods Declarations**, and vehicle, tank, and container placarding and marking requirements. Technical modules will cover **storage and segregation principles, facility design requirements, licensing obligations, and compliance with environmental protection regulations**. You will also gain proficiency in **emergency response planning**, spill management, fire protection systems, and reporting obligations to regulators, including alignment with SafeWork Australia and state-based competent authorities. Special emphasis will be placed on **integrating compliance into supply chain operations**, ensuring that participants can effectively manage DG across multimodal transport (road, rail, sea, and air) while meeting both domestic and cross-border requirements.

Upon successfully completing the program, you will earn the **Certification in Australia Dangerous Goods Regulations and Compliance**, validating your ability to design, implement, and sustain compliant DG management systems within Australia's rigorous regulatory environment. Globally recognized and valid for life, this credential enhances your professional credibility and demonstrates your readiness to lead safety, compliance, and operational excellence across transport, logistics, warehousing, ports, and industrial sectors.

ACCREDITATIONS



4.8



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KEY SKILLS YOU WILL GAIN

From This Program



DANGEROUS GOODS CLASSIFICATION & IDENTIFICATION
ADG CODE COMPLIANCE
WHS & CHAIN OF RESPONSIBILITY NAVIGATION

HAZARD & RISK ASSESSMENT FOR DG
DG PACKAGING & STORAGE STANDARDS
SAFETY CULTURE IN DG OPERATIONS
REGULATORY & AUDIT COMPLIANCE

INTERNAL SAFETY AUDIT EXECUTION
DG SEGREGATION & COMPATIBILITY CONTROL
DATA-DRIVEN RISK DECISIONS
TRANSPORT DOCUMENTATION ACCURACY

DG HANDLING PLAN DEVELOPMENT
EMERGENCY RESPONSE & SPILL MANAGEMENT
ROOT CAUSE ANALYSIS FOR INCIDENTS
SAFETY COMMUNICATION & REPORTING
COMPLIANCE DOCUMENTATION MANAGEMENT

PREDICTIVE RISK ANALYSIS FOR DG
SUPPLIER & CONTRACTOR VERIFICATION

YOUR FACULTY DIRECTOR



Vikram Ahi

Distinguished Dangerous Goods Safety and WHS Expert

Vikram Ahi is a highly respected Work Health and Safety (WHS), Dangerous Goods, and Risk Management professional with over 15 years of experience leading compliance and safety outcomes across infrastructure, construction, government, and other highly regulated environments. He brings **deep expertise in Australian Dangerous Goods legislation, WHS laws, and codes of practice, and is widely recognized for translating complex regulatory requirements into practical, operationally effective Dangerous Goods management systems** that reduce risk and strengthen compliance.

As a Lead Auditor and trusted compliance advisor, Vikram has successfully **designed, implemented, and audited Dangerous Goods and Safety Management Systems, overseen regulatory and accreditation requirements, and led risk-based audits aligned with Australian Dangerous Goods regulations and WHS obligations.** He has worked closely with regulators, project leaders, and operational teams to remediate compliance gaps, improve hazard controls, and elevate safety maturity across major projects. An experienced trainer and facilitator, Vikram has **delivered 20–30 professional programs focused on Dangerous Goods handling, storage, transport, emergency response, and incident management**, consistently delivering high-impact, practical learning in complex operational environments.

OUR PARTICIPANTS

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





PROGRAM AGENDA

MODULE 1 - INTRODUCTION TO DANGEROUS GOODS AND WHS FRAMEWORK

- Overview of Dangerous Goods vs. Hazardous Substances
- Work Health and Safety (WHS) Acts & Regulations
- Introduction to the Globally Harmonised System (GHS)
- Key Roles and Responsibilities Under Australian WHS Laws

MODULE 2 - AUSTRALIAN LEGISLATION AND COMPLIANCE STANDARDS

- Australian Dangerous Goods (ADG) Code – Current Edition Overview
- Key Federal, State, and Territorial Legislation
- Enforcement, Audits, Inspections, and Penalties
- Regulator Expectations Across Jurisdictions
- Appreciation of Australian Compliance Requirements

MODULE 3 - CLASSIFICATION OF DANGEROUS GOODS

- Detailed DG Classification System (Classes 1-9)

- Subsidiary Risks and Packing Groups
- UN Numbers and Proper Shipping Names
- Risk Identification and Assessment for Different DG Classes
- Skills to Assess Hazards Associated with Each Class

MODULE 4 - LABELLING, MARKING, AND PLACARDING

- Correct Application of Labels on Packages
- Placards and Markings on Containers and Vehicles
- Compliance with ADG Code Labelling Requirements
- Understanding Label Symbols and Hazard Communication
- Practical Application Exercises

MODULE 5 - PACKAGING AND CHEMICAL COMPATIBILITY

- Proper Packaging Methods Based on DG Classes and Packing Groups
- Chemical Compatibility Requirements and Segregation Controls
- Storage Standards (AS 1940, AS 3780, AS 4332) (Ref Only)
- Segregation Using ADG Segregation Chart and Colour-coded Systems



PROGRAM AGENDA

- Common Incompatible Materials (Oxidisers + Organics, Acids + Bases)
- Safe Mixing and Transfer Precautions
- PPE Selection and Use
- Handling Compressed Gases, Flammable Liquids, Corrosives, and Toxic Substances
- Heat, Friction, and Pressure Risks

MODULE 6 - TRANSPORT COMPLIANCE AND DOCUMENTATION

- Road Transport Regulations Under the ADG Code
- Dangerous Goods Transport Documentation:
 - Consignment Notes
 - DG Declaration
 - Emergency Information Panel (EIP)
- Chain of Responsibility Principles
- Driver and Operator Duties
- Load Restraint Principles (Load Restraint Guide 2018)
- Vehicle Requirements and Compliance

MODULE 7 - EMERGENCY RESPONSE AND INCIDENT MANAGEMENT

- Basic Emergency Planning Under WHS Regulations 2025
- Spills, Leaks, and Containment Procedures

- Fire Classifications and Suitable Extinguishers
- Evacuation Procedures and Emergency Contacts
- Australian Emergency Response Guide (AERG 2023)
- Structured Emergency Response Aligned with WHS Regulations

MODULE 8 - CASE STUDIES AND PRACTICAL EXERCISES

- Incident Analysis (e.g., Port Container Fire Scenarios)
- Group Risk Assessment Scenario Exercises
- Safety Checklist Activities
- Real-world Case Studies and Lessons Learned
- Application of Learned Principles to Practical Situations

MODULE 9 - DANGEROUS GOODS IN INTERMODAL TRANSPORT

- Handling DG Across Multiple Transport Modes (Road, Rail, Sea, Air)
- Overview of Intermodal Containers and Tankers
- Differences Between ADG, IMDG (Maritime), IATA (Air), and RID (Rail)



PROGRAM AGENDA

- Transfer and Handover Procedures Between Transport Modes
- Port-specific Requirements for DG Containers
- Hazard Communication Consistency Across Modes
- Interface Compliance Considerations

MODULE 10 - ADVANCED TOPICS AND COURSE REVIEW

- Expanded Treatment of Storage Standards and Facility Management
- Storage Strategies for Multi-class Facilities
- Examples of Reactive Incidents (e.g., Nitric Acid + Solvents)
- Reinforced Focus on Enforcement and Audits
- Review of Key Learning Points From All Sessions

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 attending this program, you will be awarded with the **Certification in Australia Dangerous Goods Regulations and Compliance** that can be used in your resume, CV and other professional credentials. This certification is industry-recognized with lifelong validity.

Globally respected and increasingly in demand, this certification will amplify your expertise in managing safe, compliant, and efficient dangerous goods operations in alignment with the Australian Dangerous Goods (ADG) Code, Work Health and Safety (WHS) legislation, and Chain of Responsibility (CoR) obligations. It affirms your ability to design and implement robust DG compliance systems that meet legal requirements and industry best practices. This program is developed by **Chartered Institute of Professional Certifications** and the content of this program has been certified by **CPD Certification Service** as adhering to highest standards of continuing professional principles.

ABOUT US

49,525

Business Leaders Have
Attained Their Chartered
Certifications Since 2009

390

Certified and Fully
Accredited Programs

87%

Chartered Leaders Have
Reported Career Promotions
and Enhancements

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We Thank You for Your Ongoing Support
of Our Programs

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