



## CERTIFIED DANGEROUS GOODS PROFESSIONAL (CDGP) EXAM SPECIFICATIONS

*Effective October 2018*

A Certified Dangerous Goods Professional® (CDGP®) is a professional involved in the transport of goods and materials that have been categorized as regulated materials and have special packaging, communication, and transport requirements. The CDGP is a person who is an expert in appreciating the potential hazards and the complexity of the regulations that apply to them, and who can accurately analyze the requirements for dangerous goods transport through his or her use of regulatory reference sources. A CDGP is competent in:

- International regulatory requirements and standards relevant to the transport of dangerous goods
- Understanding the training requirements, the terms, phrases and definitions for the transportation of dangerous goods
- Interrelationships between international regulatory requirements, standards and associated updates
- Understanding special permits, competent authority approvals, and/or agreements and certificates
- The identification, classification, packaging, marking, labeling/placarding, documenting, handling/loading/unloading, stowage, segregation, security and emergency response for dangerous goods
- The use of special provisions and exceptions
- Emergency Planning, Emergency Information, Incident reporting: What is required, when it is required and to whom it must be reported, the use of salvage packaging, repackaging and prohibitions on salvage packaging
- When site specific security plans are needed, and their training requirements, key issues to consider when developing security procedures for personnel, and key issues to consider when developing security procedures for travel routes

A CDGP has the knowledge, skills and abilities appropriate for dealing with the transportation and security of dangerous goods in accordance with specific global modal regulations:

- UN Recommendations on the Transport of Dangerous Goods - Model Regulation, 20<sup>th</sup> Edition
- International Civil Aviation Organization's Technical Instructions (ICAO TI), 2017-2018 Edition
- International Maritime Organization's Dangerous Goods Code (IMDG Code), 2016-2018, 38<sup>th</sup> Edition

These three regulations of the editions noted or newer are permitted references for the open-book CDGP exam administration. In addition, the International Air Transport Association's Dangerous Goods Regulations (IATA DGR) are incorporated into the scope of subdomain 1.1 of the CDGP examination to the extent that the ICAO TI underlies the IATA DGR. The scope of the CDGP examination does not include those areas where the IATA DGR sets a more stringent standard than the ICAO TI.

- International Air Transport Association's Dangerous Goods Regulations (IATA DGR), 59th Edition or newer may be used in conjunction with or in lieu of the ICAO TI.



## Certified Dangerous Goods Professional (CDGP) Exam Blueprint

The CDGP Exam Blueprint consists of six domains. A domain is a major area of responsibility that defines the role of a Certified Dangerous Goods Professional (CDGP). A competency/task is an activity performed within a performance domain.

DOMAINS AND COMPETENCIES/TASKS	% of Items
<b>1.0 Identify and describe international regulatory standards relevant to the transport of dangerous goods</b>	<b>40%</b>
<b>1.1 Knowledge of International Regulatory References</b>	<b>7%</b>
1.1.1 Applies Recommendations on the Transport of Dangerous Goods – Model Regulations, United Nations Committee of Experts (UN COE) as appropriate in international transportation.	
1.1.2 Applies Technical Instructions for the Safe Transport of Dangerous Goods, International Civilian Aviation Organization (ICAO) Technical Instructions as applicable in international air transportation, and IATA to the extent that those relate to international standards for moving goods	
1.1.3 Applies International Maritime Dangerous Goods Code, International Maritime Organization (IMO) as appropriate for maritime transportation	
<b>1.2 Knowledge of the Training and Certifications Required by International Regulations</b>	<b>20%</b>
1.2.1 Complies with the training requirements required by international regulations	
1.2.2 Implementing function-specific requirements tasks as appropriate	
1.2.3 Implements emergency response job functions	
1.2.4 Performs safety and security related job functions	
1.2.5 Complies with retention requirements for training records	
<b>1.3 Working Knowledge of Dangerous Goods Terminology and Definitions</b>	<b>13%</b>
1.3.1 Employs key words used in the regulations	
1.3.2 Converses in the common terminologies relevant to dangerous goods transportation	
1.3.3 Utilizes the definitions specific or unique to the separate regulatory standards	
1.3.4 Applies dangerous goods definitions (e.g. Hazard Class, Divisions, Packing Groups) in accordance with requirements	
<b>2.0 Management of Transportation</b>	<b>22%</b>
2.1.1 Classifies dangerous goods for transportation and selects the proper shipping name	
2.1.2 Implements UN standard packaging, testing, marking and notifications to packaging users, and closure instructions	
2.1.3 Properly selects authorized packaging for a classified dangerous good	
2.1.4 Implements labeling requirements for dangerous goods packaging	
2.1.5 Implements marking requirements for packages	
2.1.6 Implements placarding requirements for dangerous goods	
2.1.7 Complies with documentation requirements for the transport of dangerous goods	

<b>3.0 Handling of Cargo</b>	<b>14%</b>
3.1.1 Complies with requirements and standards for markings on packages of dangerous goods	
3.1.2 Complies with standards and requirements for loading and unloading of dangerous goods	
3.1.3 Implements methods for proper segregation and securement of cargo in-transit	
3.1.4 Complies with the different modal handling requirements for the transportation of dangerous goods (i.e. air, water)	
3.1.5 Complies with the requirements and standards for inspection, acceptance, and reporting of dangerous goods	
<b>4.0 Management of Documentation</b>	<b>8%</b>
4.1.1 Realizes packaging testing and packaging closure documentation requirements	
4.1.2 Complies with requirements for preparing and maintaining transport documents	
4.1.3 Complies with approvals process for permits, authorizations or agreements and certificates	
<b>5.0 Emergency Management</b>	<b>9%</b>
5.1.1 Plans for and implements key emergency planning concepts	
5.1.2 Obtains important sources of emergency response information	
5.1.3 Fulfills requirements of incident reporting: What is required, when it is required and to whom it must be reported	
5.1.4 Differentiates between situations which require salvage packaging, repackaging and prohibitions of salvage packaging	
<b>6.0 Security</b>	<b>7%</b>
6.1.1 Execute site specific security plans are needed, and their training requirements	
6.1.2 Implement and employ the elements of security awareness, including the nature, recognition and methods for addressing security risks	
6.1.3 Considers key issues when developing security procedures for personnel	
6.1.4 Considers key issues and regulations when dealing with sensitive information security plans	

For more information about the Certified Dangerous Goods Professional certification program, including eligibility requirements and application procedures, see the IHMM [Candidate Handbook](http://www.ihmm.org) available at [www.ihmm.org](http://www.ihmm.org).