

INSTITUTE of HAZARDOUS MATERIALS MANAGEMENT

SPECIFICATION BLUEPRINT

Certified Dangerous Goods Professional (CDGP)

Specification Blueprint for the Certified Dangerous Goods Professional

Effective 1 January 2013

A Certified Dangerous Goods Professional (CDGP) is a professional who has the knowledge and skills appropriate for dealing with the transportation and security of hazardous materials/dangerous goods using the following regulations:

- UN Recommendations on the Transport of Dangerous Goods–Model Regulation
- International Civil Aviation Organization’s Technical Instructions (ICAO TI)
- International Maritime Organization’s Dangerous Goods Code (IMDG Code)

The CDGP examination is a testing instrument designed to evaluate candidates seeking professional certification in the field of dangerous goods transport. This Specification Blueprint is intended to offer guidance to candidates by outlining reasonably expected knowledge areas based on surveys of what dangerous goods transport professionals do in practice. The Blueprint below describes the subject matter covered by the examination. All test items will be drawn from among the knowledge domains of the Specification Blueprint.

This Specification Blueprint lists below each knowledge domain with areas given under each domain. A percentage label accompanies each knowledge domain in this Specification Blueprint. This percentage represents the proportion of the actual CDGP examination devoted to that knowledge domain. Knowledge areas provide reference for activities conducted under each domain.

Specification Blueprint for the CDGP Examination

KNOWLEDGE DOMAINS	% OF EXAM	KNOWLEDGE AREAS
National and International Regulatory Standards	13 percent	International regulatory standards relevant to the transport of dangerous goods, Training requirements, Terms and phrases and definitions
Interrelationships between the Regulatory Standards	9 percent	Interrelationship of the regulatory standards, Regulatory updates
Management of Transportation	27 percent	Classification of dangerous goods for transportation, Performance Oriented Packaging (POP), Basic principles of labeling dangerous goods packaging and/or overpacks for transportation, including primary and subsidiary risks, Marking for packages and overpacks, Placarding dangerous goods for transportation, Documentation for the transport of dangerous goods

Specification Blueprint for the CDGP Examination (continued)

KNOWLEDGE DOMAINS	% OF EXAM	KNOWLEDGE AREAS
Handling Cargo	10 percent	Handling markings on packages and for the loading and unloading of freight containers and trailers, Proper segregation and securement of cargo in-transit, Different modes of transportation having various rules for dangerous goods handling (e.g. air, water) under the relevant regulation
Management of Documentation	18 percent	Types of training certifications required by different regulations, Packaging Testing Documentation, Employer and employee requirements for maintaining training records, Transport Documents, Approvals process for permits, authorizations or agreements and certificates
Emergency Management	14 percent	Emergency Planning, Emergency Information, Incident reporting: What is required, when it is required and to whom it must be reported, Use of salvage packaging, re-packaging and prohibitions on salvage packaging
Security	9 percent	When site specific security plans are needed, and their training requirements, Key issues to consider when developing security procedures for personnel, Key issues to consider when developing security procedures for travel routes



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