

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

Dangerous Goods Awareness for Passenger and Cabin Staff

Workshop Level

D

LAPT — London Academy of Professional Training

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Reference AV-DGR-W • Aviation Centres

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6

SUBJECTS

18

CHAPTERS

72

CLASSES

440

TOTAL MARKS

60%

PASS MARK

Lifetime

VALIDITY

AT A GLANCE

REFERENCE	AV-DGR-W
AWARD	Certificate
ASSESSMENT	440 marks — 264 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Foundations of Dangerous Goods

3 chapters · 12 classes

90 marks

- **1 Understanding Dangerous Goods** — 4 classes
 - › 1.1 What Dangerous Goods Mean in Aviation
 - › 1.2 Why Flight Conditions Increase Risk
 - › 1.3 Everyday Items That Count as Dangerous Goods
 - › 1.4 Who Is Responsible for Safe Carriage
- **2 Risks Aboard an Aircraft** — 4 classes
 - › 2.1 Fire Risk in a Pressurised Cabin
 - › 2.2 Effects of Pressure and Temperature Changes
 - › 2.3 Toxic and Corrosive Hazards to People
 - › 2.4 Damage to Aircraft Structure and Systems

- **3 Staff Roles and Duty of Care** — 4 classes
 - › 3.1 Role of Check-in and Gate Staff
 - › 3.2 Role of Cabin Crew in Prevention
 - › 3.3 Personal Safety When Handling Suspect Items
 - › 3.4 Building a Safety-First Mindset

2

Hazard Classes and Labels

3 chapters · 12 classes

65 marks

- **1 Explosives, Gases and Flammable Liquids** — 4 classes
 - › 1.1 Explosives and Fireworks Awareness
 - › 1.2 Gases Compressed, Liquefied and Dissolved
 - › 1.3 Flammable Liquids in Passenger Items
 - › 1.4 Flammable Solids and Reactive Substances
- **2 Oxidisers, Toxic and Other Classes** — 4 classes
 - › 2.1 Oxidising Substances and Organic Peroxides
 - › 2.2 Toxic and Infectious Substances
 - › 2.3 Radioactive Material Awareness
 - › 2.4 Corrosives and Miscellaneous Dangerous Goods

- **3 Reading Labels and Markings** — 4 classes
 - › 3.1 Recognising Hazard Label Shapes and Colours
 - › 3.2 Understanding Handling Labels and Orientation Arrows
 - › 3.3 Reading Package Markings and UN Numbers
 - › 3.4 Spotting Damaged or Missing Labels

3

Items Passengers May and May Not Carry

3 chapters · 12 classes

90 marks

• 1 Batteries and Electronic Devices — 4 classes

- › 1.1 Lithium Batteries in Personal Devices
- › 1.2 Power Banks and Spare Batteries
- › 1.3 E-Cigarettes and Vaping Devices
- › 1.4 Smart Luggage and Battery-Powered Bags

• 2 Medical, Mobility and Special Items — 4 classes

- › 2.1 Medical Oxygen and Portable Concentrators
- › 2.2 Mobility Aids and Their Batteries
- › 2.3 Dry Ice in Passenger Baggage
- › 2.4 Personal Medicines and Medical Devices

• 3 Consumer Goods and Baggage Allowances — 4 classes

- › 3.1 Alcohol and Duty-Free Liquids
- › 3.2 Aerosols, Toiletries and Perfumes
- › 3.3 Lighters, Matches and Fuel Items
- › 3.4 Cabin Versus Checked Baggage Rules

4

Detecting Hidden Dangerous Goods

3 chapters · 12 classes

65 marks

• 1 Check-in Counter Vigilance — 4 classes

- › 1.1 Asking the Right Dangerous Goods Questions
- › 1.2 Reading Passenger Behaviour and Declarations
- › 1.3 Recognising Suspicious Packaging and Odours
- › 1.4 Using Check-in System Alerts and Prompts

• 2 Gate and Boarding Checks — 4 classes

- › 2.1 Gate Questions Before Boarding
- › 2.2 Checking Cabin Baggage at the Gate
- › 2.3 Handling Late Gate-Checked Baggage
- › 2.4 Removing Unsafe Items From the Boarding Process

• 3 Common Concealment Cases — 4 classes

- › 3.1 Batteries Hidden in Checked Baggage
- › 3.2 Undeclared Cargo Carried as Baggage
- › 3.3 Hazardous Items Disguised as Gifts or Food
- › 3.4 Case Studies of Missed Dangerous Goods

5

Cabin Crew Emergency Response

3 chapters · 12 classes

65 marks

• 1 In-Flight Fire from Devices — 4 classes

- › 1.1 Recognising Early Signs of Battery Overheating
- › 1.2 Cabin Fire Fighting Equipment and Agents
- › 1.3 Extinguishing a Lithium Battery Fire
- › 1.4 Containing the Device and Protecting Passengers

• 2 Spills, Leaks and Smoke — 4 classes

- › 2.1 Responding to Liquid Spills in Cabin
- › 2.2 Dealing with Leaking Packages and Powders
- › 2.3 Identifying the Source of Smoke or Fumes
- › 2.4 Protective Equipment and Safe Clean-up

• 3 Crew Procedures and Coordination — 4 classes

- › 3.1 Using the Dangerous Goods Emergency Checklist
- › 3.2 Informing the Pilot in Command
- › 3.3 Managing Passengers During an Incident
- › 3.4 Post-Landing Handover and Ground Support

6

Reporting, Regulations and Communication

3 chapters · 12 classes

65 marks

• 1 Regulatory Framework — 4 classes

- › 1.1 ICAO Technical Instructions Overview
- › 1.2 How Dangerous Goods Regulations Are Structured
- › 1.3 India's DGCA Dangerous Goods Rules
- › 1.4 Training Requirements and Staff Accountability

• 2 Reporting Occurrences — 4 classes

- › 2.1 What Counts as a Dangerous Goods Occurrence
- › 2.2 Filling Occurrence Reports Accurately
- › 2.3 Preserving Evidence and Item Details
- › 2.4 Reporting Channels and Time Limits

• 3 Communicating with Passengers — 4 classes

- › 3.1 Explaining Rules in Simple Language
- › 3.2 Refusing Items Politely and Firmly
- › 3.3 Handling Upset or Argumentative Passengers
- › 3.4 Public Announcements and Safety Messaging