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 (old)

UKPRN 10067351 • Registered in England and Wales, company 4984798

6	18	72	440	60%	Lifetime
SUBJECTS	CHAPTERS	CLASSES	TOTAL MARKS	PASS MARK	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