

## The Shipment of Dangerous Goods — Questions and Answers

### Q. *What are dangerous goods?*

A. A wide variety of articles and substances, ranging from common household items to industrial materials, are regulated in transportation due to their potential to injure people or damage property when handled improperly. Such articles and substances include (but are not limited to):

- Explosives — eg., fireworks, ammunition, bombs, etc.
- Gases — eg., gas cylinders, aerosols under pressure, lighters, butane, etc.
- Flammable Solids or Liquids — eg., paints or solvents, matches, etc.
- Oxidizers or Organic Peroxides — eg., chemical oxygen generators, hydrogen peroxide, etc.
- Toxic Materials — eg., pesticides, fungicides, poisons, etc.
- Infectious Substances — eg., blood samples from infected patients — either humans or animals, etc.
- Radioactive Materials — eg., radioactive medicines
- Corrosive Materials — eg., drain cleaners, car batteries, concentrated cleaners, repair kits, etc.
- Other items regulated due to irritating forces — eg., dry ice, pepper spray, etc.

### Q. *Are any Dangerous Goods regulated?*

A. Within New Zealand, these articles and substances come under the Civil Aviation Rule Part 92, Carriage of Dangerous Goods. Internationally, such articles and substances are governed by the International Civil Aviation Organisation (ICAO) Technical Instructions for the Safe Transport of Dangerous Goods by Air. Many users rely on the International Air Transport (IATA) Dangerous Goods Regulations, which contain the ICAO Technical Instruction requirements, together with airline industry conventions.

### Q. *How do these regulations require that the shipper or sender?*

A. In broad outline, Civil Aviation Rule Part 92 requires compliance with the ICAO Technical Instructions.

- Articles and substances must be properly classified according to a set of standard criteria.
- The packaging used for dangerous goods must meet certain criteria set by the Technical Instructions.
- The hazards posed by these articles and substances must be identified by markings, package labels and accompanying documentation.
- An airline must have the opportunity to inspect and verify the acceptability of each dangerous goods package as declared by the shipper.

# Dangerous Goods Questions And Answers Civil Aviation

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