

Dangerous goods	Location			Restrictions
	Checked baggage	Browser approval required	Hand luggage	
BATTERIES				
1) Lithium batteries (including portable electronic devices)	YES (Except g and H)	YES	(see c and d)	<p>(a) Batteries must be of a type that satisfies the requirements of each of the tests in the United Nations Manual of Tests and Criteria, Parts III, subsection 38.3;</p> <p>(b) no battery shall exceed the following:</p> <ul style="list-style-type: none"> - For lithium metal batteries, a content of 2 grams of lithium; or - for Lithium-Ion batteries, a nominal capacity of 100Wh <p>c) each battery can have a rated capacity of 100Wh but no more than 160 Wh for Lithium Ion with explorer approval.</p> <p>d) each battery may have a content of more than 2 grams, but not more than 8 grams of lithium metal for portable electronic devices for medical use with the approval of the operator.</p> <p>(e) batteries installed in portable electronic devices should be carried as hand luggage; however, if transported as checked baggage:</p> <ul style="list-style-type: none"> - measures must be taken to prevent them from being accidentally activated and to protect the equipment from damage, and - the appliances must be completely off (not in sleep or hibernation mode). <p>(f) batteries and heating elements must be isolated in portable electronic devices capable of generating extreme heat which may cause a fire if activated for this purpose, the heating element, battery or other component must be removed;</p> <p>(g) spare batteries, including energy banks:</p> <ul style="list-style-type: none"> - for lithium metal batteries, a content of 0.3 grams of lithium; or - for Lithium-Ion batteries, a nominal capacity of 2.7Wh must be carried as carry-on baggage, except when the batteries are removed from the luggage, in which case the batteries must be transported according to g); <p>(i) No more than two spare batteries may be transported that meet the requirements of (c) or (d) per person.</p>
2) Non spillable liquid electrolyte accumulators/batteries, nickel-metal hydride batteries and dry batteries	Yes	Yes	No	<p>(a) for Non spillable accumulators/batteries:</p> <p>(i) the conditions of Special Provision A67 must be satisfied:</p> <p>(ii) each accumulator must have a voltage of not more than 12 volts and a rated capacity of not more than 100 Wh;</p> <p>(iii) each accumulator must be protected against short circuits by effectively isolating the exposed terminals; and</p> <p>(iv) no more than two spare accumulators per person may be transported; and</p> <p>(v) if they are installed on a computer, the equipment must be protected against accidental activation or each accumulator must be disconnected and the exposed terminals must be isolated; and</p> <p>(b) for dry batteries or nickel-metal hydride batteries, each battery must comply with Special Provisions A123 or A199 respectively; and</p> <p>c) the batteries and heating elements must be isolated in the battery-operated equipment capable of generating extreme heat for this purpose, the heating element, the battery or other components must be removed.</p>

	Location			Restrictions
	Checked baggage	Browser approval required	Hand luggage	
Dangerous goods				
3) Portable electronic devices for smokers, battery powered (such as cigarettes/e-cigarettes, e-pipes, personal vaporizers, electronic nicotine delivery systems)	No	Yes	No	<p>(a) if powered by lithium batteries, each battery must comply with the restrictions of 1)(a), (b) and (g);</p> <p>(b) the appliances and/or batteries must not be recharged on board the aircraft; and</p> <p>(c) in the case of dry batteries or nickel-metal hydride batteries, each battery must comply with Special Provision A123 or A199 respectively;</p> <p>(d) in the case of non spillable liquid electrolyte batteries/accumulators:</p> <p>(i) each battery must comply with Special Provision A67; and</p> <p>(ii) a maximum of one spare battery per passenger may be carried.</p> <p>(e) in the case of Lithium-Ion batteries:</p> <p>(i) the batteries must be of a type that satisfies the conditions of each of the tests in the United Nations Manual of Tests and Criteria. Part III, subsection 38.3;</p> <p>(ii) where the motor aid does not provide adequate protection for the battery:</p> <ul style="list-style-type: none"> - the battery must be removed in accordance with the manufacturer's instructions; - the battery must not exceed 300Wh; - the terminals of the battery must be protected against short circuits (isolating the terminals, e.g. covering the exposed terminals with adhesive tape); - the battery must be protected against damage (e.g. by putting it individually in a protective cover); and - the battery must be carried in the cab; <p>(iii) a maximum of one spare battery not exceeding 300 Wh or two spare batteries not exceeding 160 Wh each may be transported. Spare batteries must be transported in the cabin;</p>
FLAME AND FUEL SOURCES				
5) Cigarette lighters A small package of safety matches	No	(see b)	No	<p>(a) not more than one per person;</p> <p>(b) they must be transported in person; and</p> <p>(c) they must not contain unpacked liquid fuel (other than liquefied gas); and</p> <p>d) if the cigarette lighter works with lithium batteries, each battery must comply with the restrictions of 1)(a), (b) and (g), and 3)(b) and c),</p>
6) Alcoholic beverages containing more than 24% but less than 70%, by volume, of alcohol	Yes	Yes	No	<p>(a) they must be in retail packaging; and</p> <p>(b) a total net quantity of not more than 5L per person.</p> <p>Note: - alcoholic beverages containing less than 24% by volume of alcohol are not subject to any restrictions.</p>
7) Internal combustion engines or fuel cell engines	Yes	No	No	Measures must be taken to eliminate the danger. See Special Provision A70 for more information.

Dangerous goods	Location			Restrictions
	Checked baggage	Browser approval required	Hand luggage	
8) Fuel cells containing fuel	No	Yes	No	<p>(a) fuel cell cartridges may contain only flammable liquids, corrosive substances, flammable liquefied gases, substances reacting with water or hydrogen in metal hydrides.</p> <p>(b) the refilling of fuel cells on board the aircraft is not permitted, except in the case of installation on a replacement cartridge;</p> <p>(c) the maximum quantity of fuel in each fuel cell or fuel cell cartridge must not exceed:</p> <ul style="list-style-type: none"> - 200 mL for liquids; - 200 grams for solids, - 120 mL for liquefied gases for non-metallic fuel cell cartridges or 200 ml for fuel cells or metal fuel cell cartridges, and - for hydrogen in metal hydrides, fuel cells or fuel cell cartridges must have a maximum of 120 mL of water capacity, <p>(d) each fuel cell and fuel cell cartridge must comply with IEC 62282-6-100 Ed. 1, including Amendment 1, and must bear the manufacturer's certification mark to indicate that it complies with the specification. In addition, each fuel cell cartridge to carry marked the maximum amount and type of fuel in the cartridge.</p> <p>(e) fuel cell cartridges containing hydrogen in metal hydrides must comply with the conditions of special provision A162;</p> <p>(f) no more than two fuel cell replacement cartridges may be transported per passenger;</p> <p>(g) fuel cells containing fuel are permitted in hand luggage only.</p> <p>(h) the interaction between a fuel cell system and batteries integrated into an appliance must comply with IEC standard 62282-6-100 Ed. 1, including the Amendment. Fuel cells whose sole function is to charge a battery into the appliance are not allowed;</p> <p>(i) fuel cells must be of a type which is not used to charge batteries when the portable electronic device is not in use and must bear a durable manufacturer's mark which reads: "APROVED FOR CARRIAGE IN AIRCRAFT CABIN ONLY" to indicate this; and</p> <p>(j) in addition to the languages that may be required by the State of origin in the specified marks, English should be used.</p>
Spare fuel cell cartridges	Yes	Yes	No	
9) Oxygen or air cylinders needed for medical use	Yes	Yes	Yes	<p>(a) not more than 5 kg gross mass per cylinder;</p> <p>(b) cylinders, valves and regulators, where available, must be protected to prevent damage which may be caused by the involuntary release of the contents;</p> <p>(c) advance arrangements are recommended; and</p> <p>(d) the pilot in command must be informed of the number of oxygen or air cylinders loaded on board and their location on the aircraft.</p>
10) Division 2.2 cartridge to activate mechanical limbs	Yes	Yes	No	Spare cartridges of similar size are also allowed, when they are necessary to ensure sufficient supply throughout the trip.
11) Hydrocarbon gas cartridges contained in hair-fixing appliances	Yes	Yes	No	<p>(a) Not more than one person per person;</p> <p>(b) the safety cover must be installed in such a way as to cover the heating element; and</p> <p>(c) spare parts cartridges must not be transported.</p>
12) Division 2.2 cartridges without secondary danger placed in a self-inflatable personal safety device that the person intends to wear, such as a life jacket	Yes	Yes	Yes	<p>(a) not more than two personal security devices per person;</p> <p>(b) personal safety devices must be packaged in such a way that they cannot be accidentally operated.</p>

	Location			Restrictions
	Checked baggage	Browser approval required	Hand luggage	
Dangerous goods				
				<p>c) they must be for the devices to be inflated.</p> <p>(d) not more than two cartridges contained in each device; and</p> <p>(e) not more than two spare cartridges per device.</p>
14) Division 2.2 cartridges without secondary danger contained in avalanche rescue backpacks	Yes	Yes	Yes	<p>a) not more than one avalanche rescue backpack per person;</p> <p>(b) the backpack must be packed in such a way that it cannot be accidentally operated;</p> <p>(c) may contain a pyrotechnic drive mechanism which must not contain more than 200 mg of division 1.4S net; and</p> <p>d) the inflatable bags inside the backpack must have decompression valves.</p>
RADIOACTIVE MATERIAL				
15) Cardiac pacemakers or other devices for medical use containing radioisotopes	n/a (see restrictions	n/a (see restrictions	No	They must be implanted in a person's body or outside the body, as a result of medical treatment.
MERCURY				
16) Small medical or clinical thermometer containing mercury	Yes	No	No	<p>(a) not more than one per person; and</p> <p>(b) it must be on its protective packaging.</p>
OTHER DANGEROUS GOODS				
(17) Non-radioactive medicinal articles (including aerosols), toiletries (including aerosols) and Division 2.2 aerosols without secondary danger.	Yes	No	No	<p>(a) a total net quantity of not more than 0,5 kg or 0,5L per article;</p> <p>(b) a total net quantity of not more than 2 Kg or 2L for all articles (e.g. four aerosol cans of 0,5 L each) per person;</p> <p>(c) aerosol decompression valves must be protected by a lid or other appropriate means of cleaning up the involuntary release of the contents; and</p> <p>(d) the release of the gas must not cause extreme discomfort or discomfort which prevents crew members from properly performing their assigned duties.</p>
18) Dry ice	Yes	Yes	Yes	<p>(a) not more than 2,5 kg per person;</p> <p>(b) is used to pack perishable goods which are not subject to these instructions;</p> <p>(c) the package must allow carbon dioxide to escape; and</p> <p>(d) when carried in checked baggage, each package must be marked:</p> <p>(i) "DRY ICE" or "CARBON DIOXIDE SOLID"; and</p> <p>(ii) the net weight of dry ice or an indication that the net weight is equal to 2,5 kg or less</p>
19) Division 1.4S cartridges (UN 0012 or UN 0014 only)	Yes	No	Yes	<p>(a) not more than 5kg of gross mass per person;</p> <p>(b) they must be securely packed;</p> <p>(c) they must not include ammunition with explosive or incendiary projectiles; and</p> <p>(d) quantities permitted for more than one person must not be combined into one or more packages.</p>
20) Permeation devices	Yes	No	No	Instructions on how to pack permeation devices to calibrate air quality monitoring equipment are contained in Special Provision A41.

	Location			Restrictions
	Checked baggage	Browser approval required	Hand luggage	
Dangerous goods				
21) Non-infectious specimens in flammable solutions	Yes	No	No	Instructions on how to pack and mark specimens are contained in Special Provision A180
22) Refrigerated liquid nitrogen	Yes	No	No	It must be contained in insulated packaging (e.g. dry cryogenic containers) which do not allow pressure to increase and which fully absorb the liquid from the packaging.
23. Dangerous goods incorporated in safety equipment such as briefcases, safe deposit boxes, safety bags and others.	Yes	No	Yes	Safety equipment must be equipped with an effective means of preventing accidental activation and dangerous goods incorporated in the equipment must satisfy the conditions of Special Provision A 178.