

## Thai Lion Air Provision for Dangerous Goods Carried by Passengers or Crew

### [ A Part of Table 2.3.A in IATA Dangerous Goods Regulation 60<sup>th</sup> Edition ]

<i>Dangerous goods must not be carried in or as passengers or crew, checked or carry-on baggage, except as otherwise provided below. Dangerous goods permitted in carry-on baggage are also permitted "on one's person", except where otherwise specified.</i>				
<b>The pilot-in-command must be informed of the location</b>				
<b>Permitted in or as carry-on baggage</b>				
<b>Permitted in or as checked baggage</b>				
<b>The approval of the operator is required</b>				
<b>Alcoholic beverages</b> , when in retail packaging's more than 24% but not more than 70% alcohol by volume, in receptacles not exceeding 5 L, with a total net quantity per person of 5 L.	<b>NO</b>	<b>YES</b>	<b>YES</b>	<b>NO</b>
<b>Ammunition (cartridges for weapons)</b> , securely packaged (in Div. 1.4S, UN 0012 or UN 0014 only), in quantities not exceeding 1 kg gross weight per person for that person's own use, not exceeding 5 kg per aircraft. Allowances for more than one person must not be combined into one or more packages. This provision only for domestic flight, Ammunition is forbidden for International flight.	<b>YES</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>
<b>Avalanche rescue backpack</b> , one (1) per person, containing a cartridge of compressed gas in Div. 2.2. May also be equipped with a pyrotechnic trigger mechanism containing no more than 200 mg net of Div. 1.4S. The backpack must be packed in such a manner that it cannot be accidentally activated. The airbags within the backpacks must be fitted with pressure relief valves.	<b>FORBIDDEN</b>			
<b>Baggage with installed lithium batteries</b> non-removable batteries exceeding - 0.3 g lithium metal or 2.7 Wh.	<b>FORBIDDEN</b>			
<b>Baggage with installed lithium batteries:</b> -non-removed batteries. Batteries must contain no more than 0.3 g lithium metal or for lithium ion must not exceed 2.7 Wh; -removable batteries. Batteries must be removed if baggage is to be checked in. Removed batteries must be carried in the cabin.	<b>NO</b>	<b>YES</b>	<b>YES</b>	<b>NO</b>
<b>Batteries, spare/loose, including lithium metal or lithium ion cells or batteries</b> , for portable electronic devices must be carried in carry-on baggage only. For lithium metal batteries the lithium metal content must not exceed 2 g and for lithium ion batteries the Watt-hour rating must not exceed 100 Wh. Articles which have the primary purpose as a power source, e.g. power banks are considered as spare batteries. These batteries must be individually protected to prevent short circuits. Each person is limited to a maximum of 20 spare batteries.	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>NO</b>
<b>Camping stoves and fuel containers</b> that have contained a flammable liquid fuel, with empty fuel tank and/or fuel container.	<b>FORBIDDEN</b>			
<b>Chemical Agent Monitoring Equipment</b> , when carried by staff members of the Organization for the Prohibition of Chemical Weapons on official travel.	<b>FORBIDDEN</b>			
<b>Disabling devices such as mace, pepper spray</b> , etc. containing an irritant or incapacitating substance are forbidden on the person, in checked and carry-on baggage.	<b>FORBIDDEN</b>			
<b>Dry ice (carbon dioxide, solid)</b> , in quantities not exceeding 2.5 kg per person when used to pack perishables not subject to these Regulations in checked or carry-on baggage, provided the baggage (package) permits the release of carbon dioxide gas. Checked baggage must be marked "dry ice" or "carbon dioxide, solid" and with the net weight of dry ice or an indication that there is 2.5 kg or less dry ice.	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>NO</b>

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The pilot-in-command must be informed of the location				
Permitted in or as carry-on baggage				
Permitted in or as checked baggage				
The approval of the operator is required				
<b>E-cigarettes (including e-cigars, e-pipes, other personal vaporizers)</b> Maximum 2 for each person, containing batteries must be individually protected to prevent accidental activation.	NO	NO	YES	NO
<b>Electro shock weapons (e.g. Tasers)</b> containing dangerous goods such as explosives, compressed gases, lithium batteries, etc. are forbidden in carry-on baggage or checked baggage or on the person.	FORBIDDEN			
<b>Fuel cells and spare fuel cartridges powering portable electronic devices</b> (e.g. cameras, cellular phones, laptop computers and camcorders), under the following conditions: <ul style="list-style-type: none"> <li>(a) fuel cells and fuel cell cartridges may only contain flammable liquids, corrosive substances, liquefied flammable gas, water-reactive substances or hydrogen in metal hydride;</li> <li>(b) refuelling of fuel cells on board an aircraft is not permitted except that the installation of a spare cartridge is allowed;</li> <li>(c) the maximum quantity of fuel in any fuel cell or fuel cell cartridge must not exceed:                             <ul style="list-style-type: none"> <li>1) for liquids, 200 mL;</li> <li>2) for solids 200 g;</li> <li>3) for liquefied gases, 120 mL for non-metallic fuel cells or fuel cell cartridges or 200 mL for metal fuel cells or fuel cell cartridges;</li> <li>4) for hydrogen in metal hydride the fuel cell cartridges must have a water capacity of 120 mL or less.</li> </ul> </li> <li>(d) each fuel cell and each fuel cell cartridge must conform to IEC 62282-6-100 Ed. 1, including Amendment 1, and must be marked with a manufacturer's certification that it conforms to the specification. In addition, each fuel cell cartridge must be marked with the maximum quantity and type of fuel in the cartridge;</li> <li>(e) no more than two spare fuel cell cartridges may be carried in checked baggage, carry-on baggage, or on the person;</li> <li>(f) fuel cells containing fuel are permitted in carry-on baggage only;</li> <li>(g) interaction between fuel cells and integrated batteries in a device must conform to IEC 62282-6-100 Ed. 1, including Amendment 1. Fuel cells whose sole function is to charge a battery in the device are not permitted;</li> <li>(h) fuel cells must be of a type that will not charge batteries when the portable electronic device is not in use and must be durably marked by the manufacturer: "APPROVED FOR CARRIAGE IN AIRCRAFT CABIN ONLY" to so indicate; and</li> <li>(i) in addition to the languages which may be required by the State of Origin for the markings specified above, English should be used.</li> </ul>	NO	NO	YES	NO
<b>Gas cartridges, small, non-flammable containing carbon dioxide or other suitable gas in Division 2.2.</b> Up to two (2) small cartridges fitted into a self-inflating safety device such as a life jacket or vest. Not more than one (1) device per passenger and up to two (2) spare small cartridges per person, not more than four (4) cartridges up to 50 mL water capacity for other devices.	FORBIDDEN			

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The pilot-in-command must be informed of the location				
Permitted in or as carry-on baggage				
Permitted in or as checked baggage				
The approval of the operator is required				
<b>Gas cylinders, non-flammable, non-toxic worn for the operation of mechanical limbs.</b> Also, spare cylinders of a similar size if required to ensure an adequate supply for the duration of the journey. Maximum 5 cans with medical certificate	NO	NO	YES	NO
<b>Hair curlers containing hydrocarbon gas, up to one (1) per passenger or crew-member,</b> provided that the safety cover is securely fitted over the heating element. These hair curlers must not be used on board the aircraft at any time. Gas refills for such curlers are not permitted in checked or carry-on baggage.	<b>FORBIDDEN</b>			
<b>Heat producing articles such as underwater torches (diving lamps) and soldering irons.</b>	<b>FORBIDDEN</b>			
<b>Insulated packaging's containing refrigerated liquid nitrogen (dry shipper), fully absorbed in a porous material containing only non-dangerous goods.</b>	<b>FORBIDDEN</b>			
<b>Internal combustion or fuel cell engines.</b>	<b>FORBIDDEN</b>			
<b>Lithium Batteries: Security-type equipment containing lithium batteries.</b>	<b>FORBIDDEN</b>			
<b>Lithium Batteries: Portable electronic devices (PED)</b> containing lithium metal or lithium ion cells or batteries, including medical devices such as portable oxygen concentrators (POC) and consumer electronics such as cameras, mobile phones, laptops and tablets, when carried by passengers or crew for personal use (see below). For lithium metal batteries the lithium metal content must not exceed 2 g and for lithium ion batteries the Watt-hour rating must not exceed 100 Wh. Devices in checked baggage must be completely switched off and must be protected from damage. Each person is limited to a maximum of 15 PED. In addition, lithium batteries are subject to the following conditions: <ul style="list-style-type: none"> <li>(a) each installed or spare battery must not exceed:                             <ul style="list-style-type: none"> <li>1) for lithium metal or lithium alloy batteries, a lithium content of not more than 2 g; or</li> <li>2) for lithium ion batteries, a watt-hour rating of not more than 100 Wh.</li> </ul> </li> <li>(b) batteries and cells must be of a type that meets the requirements of the UN Manual of Tests and Criteria, Part III, subsection 38.3;</li> <li>(c) articles containing lithium metal or lithium ion cells or batteries, the primary purpose of which is to provide power to another device, e.g power banks, are permitted in carry-on baggage only. These articles must be individually protected to prevent short circuit by placement in the original retail packaging or by otherwise insulating terminals, e.g by taping over exposed terminals or placing each battery in a separate plastic bag or protective pouch;</li> <li>(d) electronic cigarettes containing lithium batteries are permitted in carry-on baggage only.</li> <li>(e) If devices are carried in checked baggage the passenger/crew member must take measures to prevent unintentional activation.</li> </ul>	NO	NO	YES	NO

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The pilot-in-command must be informed of the location				
Permitted in or as carry-on baggage				
Permitted in or as checked baggage				
The approval of the operator is required				
<b>Lithium batteries, spare/loose</b> with a Watt-hour rating exceeding 100 Wh but not exceeding 160 Wh for consumer electronic devices and PMED or with a lithium content exceeding 2 g but not exceeding 8 g for PMED only. Maximum of two spare batteries in carry-on baggage only. These batteries must be individually protected to prevent short circuits.	YES	NO	YES	NO
<b>Lithium battery-powered electronic devices.</b> Lithium ion batteries for portable (including medical) electronic devices, a Wh rating exceeding 100 Wh but not exceeding 160 Wh. For portable medical electronic devices only, lithium metal batteries with a lithium content exceeding 2 g but not exceeding 8 g.	YES	NO	YES	NO
<b>Matches, safety (one small packet) or a small cigarette lighter</b> that does not contain unabsorbed liquid fuel, other than liquefied gas, intended for use by an individual when carried on the person. Lighter fuel and lighter refills are not permitted on one's person or in checked or carry-on baggage.	NO	<b>ON ONE'S PERSON</b>		NO
<i>Note: "Strike anywhere" matches, "Blue flame" or "Cigar" lighters are forbidden powered by a lithium battery without a safety cap or means of protection against unintentional activation are forbidden.</i>				
<b>Mobility Aids: Battery-powered wheelchairs or other similar mobility devices with non-spillable wet batteries.</b>	<b>FORBIDDEN</b>			
<b>Mobility Aids: Battery-powered wheelchairs or other similar mobility devices with spillable batteries or with lithium batteries.</b>	<b>FORBIDDEN</b>			
<b>Mobility Aids: Battery-powered mobility aids with lithium ion batteries,</b> lithium-ion battery must be removed carried in the cabin (see paragraph 9.2.6.1 for details).	YES	YES	NO	YES
<b>Non-radioactive medicinal or toiletry articles (including aerosols)</b> such as hair sprays, perfumes, colognes and medicines containing alcohol; and	NO	YES	YES	NO
<b>Non-flammable, non-toxic aerosols in Division 2.2, with no subsidiary risk, for sporting or home use.</b> The total net quantity of all above mentioned articles must not exceed 2 kg or 2 L and the net quantity of each single article must not exceed 0.5 kg or 0.5 L. Release valves on aerosols must be protected by a cap or other suitable means to prevent inadvertent release of the contents.	NO	YES	NO	NO
<b>Oxygen or air, gaseous, cylinders</b> required for medical use. The cylinder must not exceed 5 kg gross weight. For medical reason with accompany by doctor or paramedic.	YES	YES	YES	YES
<i>Note: Liquid oxygen systems are forbidden for transport.</i>				

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<b>Permitted in or as carry-on baggage</b>			
<b>Permitted in or as checked baggage</b>			
<b>The approval of the operator is required</b>			

<b>Permeation devices</b> permeation devices for calibrating air quality monitoring equipment.	<b>FORBIDDEN</b>			
<b>Portable electronic devices containing non-spillable batteries</b> , batteries must meet A67 and must be 12 V or less and 100 Wh or less. A maximum of 2 spare batteries may be carried. In checked or carry-on baggage, portable electronic devices containing a non-spillable battery meeting the requirements of Special Provision A67. A maximum of two spare non-spillable batteries meeting Special Provision A67 may also be carried. The following requirements apply: (a) the voltage of each battery must not exceed 12 V and the watt-hour rating must not exceed 100 Wh; (b) the device must either be protected from inadvertent activation, or the battery must be disconnected and the battery terminals insulated; (c) each spare battery must be protected from short circuit by insulation of the battery terminals.	NO	NO	YES	NO
<b>Radioisotopic cardiac pacemakers or other devices, including those powered by lithium batteries</b> , implanted into a person or fitted externally, or radiopharmaceuticals contained within the body of a person as the result of medical treatment.	NO	<b>ON ONE'S PERSON</b>		NO
<b>Security-type attaché cases, cash boxes, cash bags, etc. incorporating dangerous goods, such as lithium batteries and/or pyrotechnic material</b> , except as provided in 2.3.2.6 are totally forbidden. See entry in 4.2–List of Dangerous Goods.	<b>FORBIDDEN</b>			
<b>Specimens, non-infectious packed with small quantities of flammable liquid.</b>	<b>FORBIDDEN</b>			
<b>Thermometer, medical or clinical, which contains mercury</b> , one (1) per person for personal use, when in its protective case.	NO	YES	NO	NO
<b>Thermometer or barometer, mercury filled carried by a representative of a government weather bureau or similar official agency.</b> A mercurial barometer or mercurial thermometer carried by a representative of a government weather bureau or similar official agency. The barometer or thermometer must be packed in a strong outer packaging, having a sealed inner liner or a bag of strong leak-proof and puncture-resistant material impervious to mercury, which will prevent the escape of mercury from the package irrespective of its position. The pilot-in-command must be informed of the location of the barometer or thermometer.	YES	NO	YES	YES