



## IATA Dangerous Goods Regulations

66<sup>th</sup> Edition (English)

### ADDENDUM

Posted 30 April 2025

Users of the IATA Dangerous Goods Regulations are asked to note the following amendments and corrections to the 66<sup>th</sup> Edition, effective 1 January 2025.

Where appropriate, changes or amendments to existing text have been highlighted (in yellow - PDF or grey - hardcopy) to help identify the change or amendment.

#### Section 1

Revise 1.2.7.1 as shown:

##### **1.2.7 Exceptions**

**1.2.7.1** Except for information provided to operator employees, as shown in 1.4.2, the provisions of these ...

##### **Note:**

*This exception does not apply where the data loggers or cargo tracking devices are offered for transport as a consignment in accordance with Packing Instruction 967, 970, 977, or 978.*

Revise 1.6.1 as shown:

##### **1.6 Adequate Instruction for Shipping Section II Lithium Batteries**

**1.6.1** Section II of the lithium and sodium ion battery packing instructions, PI 966, PI 967, PI 969, and PI 970, PI 977 and PI 978, include a requirement that "Any person preparing or offering cells or batteries for transport must receive adequate instruction on these requirements commensurate with the functions for which they are responsible". The packing instructions however do not define or describe what is considered as "adequate instruction".

**1.6.2** At a minimum, an employer should consider the following as being adequate instruction:

- Classification of lithium batteries being shipped.
- Documentation of procedures applied to lithium batteries being shipped.
- Written work instructions or other....

#### Section 2

Amend State Variations list (2.8.1.3) as shown:

State	Code
Canada	CAG
Chile	CLG
<input type="checkbox"/> Kosovo	KOS
United Arab Emirates	AEQ
United Kingdom	GBG



**ADDENDUM**

**New or Amended State Variations (Section 2.8.2)**

Amend **AEG (United Arab Emirates)** variations

**AEG-02** UAE originating dangerous goods shipments shall only be offered and accepted for air transport by a GCAA dangerous goods certified entity in accordance according to the GCAA Dangerous Goods Certification requirements as defined in with the UAE Civil Aviation Regulations (CAR Part VI).

**AEG-03** The request to obtain GCAA approval or exemption to carry dangerous goods under a Special Provision or other State authorization shall be communicated to:

email: DangerousGoodsTeam@gcaa.gov.ae

at least seven working days before pthe flight on which the dangerous is planned to be carried, and the request shall be addressed to:

GCAA Dangerous Goods Section

Aviation Security Affairs Sector

PO Box 6558

Abu Dhabi

United Arab Emirates

shall be at the discretion of the GCAA. If accepted, the request to obtain GCAA approval or exemption must be submitted to GCAA by the air operator on which the dangerous goods will be carried, regardless of whether the dangerous goods consignment is from, to or via UAE.

The request must be sent by email to DangerousGoodsTeam@gcaa.gov.ae at least seven working days before the date of the flight on which the dangerous is planned to be carried.

**AEG-09** At their discretion, States' Civil Aviation Authorities and Foreign Air Operators may communicate dangerous goods occurrences that need to be reported and investigated by the UAE General Civil Aviation Authority (GCAA) through the UAE GCAA online Reporting of Dangerous Goods Occurrences (RODGO) system. States' Civil Aviation Authorities and Foreign Air Operators are encouraged to send their request to obtain their access to the RODGO system to:

email: dangerousgoodsteam@gcaa.gov.ae RODGO.Investigation@gcaa.gov.ae

and communicate any dangerous goods occurrences related issues to the UAE General Civil Aviation Authority.

Amend **CAG (Canada)** variations

**CAG-09** Dangerous goods requiring approval under Special Provisions A1, A2 or A201 of the Technical Instructions (see Subsection 4.2, Column M) may only be transported to, from or within Canada with the approval of the Canadian authority for the transport of dangerous goods (see 1.2.5, 8.1.6.9.4 and 8.3).

The Canadian authority for the transport of dangerous goods for **CAG-079**:

.....

**CAG-15** Most explosives, as defined in the Explosives Act, must be classified by Natural Resources Canada before being imported into Canada. It is the responsibility of the importer to confirm that an explosive is classified in Canada, or that an exemption exists for its import. Explosives manufactured in Canada are required to have been classified before they are transported.

Any request concerning the applicability of variation **CAG-135** must be addressed to:

.....

Amend **CLG (Chile)** variations

**CLG-02** All international dangerous goods shipments destined for Chile must include in Spanish, a safety data sheet for the product or material.

**Notes:**

1. The meaning and scope of the variation is that where regulations and standards in Chile require an importer of products to provide an SDS, then one is to be provided.
2. Guidance on the purpose and preparation of safety data sheets for products or materials that relate to the GHS, can be found in Annex 4 to the 10<sup>th</sup> revised edition of the Globally Harmonized System of Classification and Labelling of Chemicals (ST/SG/AC.10/30.Rev.10).

**ADDENDUM**

- ☢ **CLG-04** The transport of radioactive material from and into Chile is subject to the approval of the Chilean Nuclear Energy Commission. Requests for approval should be addressed to:

Comision Chilena de Energia Nuclear  
Nueva Bilbao N° 12.501,  
Las Condes, Santiago, Chile  
Postal Code: 7600713

Tel: Fax: (56-2) 2470 2500 / (56-2) 2364 6100  
Website: [www.cchen.gob.cl](http://www.cchen.gob.cl)  
email: [oirs@cchen.gob.cl](mailto:oirs@cchen.gob.cl)

**Note:**

*The meaning and scope of the variation is to identify the Competent Authority for the transport of radioactive materials for those cases where an approval is required. CLG-04 does not require additional approvals from the Chilean Nuclear Energy Commission, unless expressly stated in their regulations.*

Insert a new **GBG (United Kingdom)** variation

- **GBG-08** For Class 1 Explosives required to be carried under an exemption or approvals under Special Provisions A1 and A2 granted by the UK CAA, the total NEQ of all Class 1 explosives being carried on any one flight, must be indicated in the transport document (shipper's declaration) in the Additional Handling Information, or in a statement regarding actions for the carrier. This is in addition to the requirements of 8.1.6.9.2(i).

After **KPG (Democratic People's Republic of Korea)** insert **KSG (Kosovo)** variations

- **KSG (Kosovo)**

**KSG-01** The competent national authority in the Republic of Kosovo for these Regulations is:

Civil Aviation Authority of Kosovo (CAAK)  
Zeinel Salihu Street No.22  
10 000 Pristina  
KOSOVO

Tel: +383 38 200 74278  
Fax: +383 38 211 009  
Email: [dg@caa-ks.org](mailto:dg@caa-ks.org)  
Website: <https://caa.rks-gov.net>

**KSG-02** Not used.

**KSG-03** Dangerous goods requiring approval under Special Provisions A1 or A2 of these Regulations or other State exemptions or approvals shall only be carried on a passenger or cargo aircraft in Kosovo territory with the approval of the Civil Aviation Authority of Kosovo (CAAK). Applications for approval should be lodged with the CAAK at least ten days prior to the proposed flight.

- ☢ **KSG-04** According to the Law No. 06/L-029 on Radiation Protection and Nuclear Safety (Official Gazette No. 5/2018), the transportation of radioactive materials to and from the Republic of Kosovo, the operator must ensure that the consignor/consignee is in possession of a prior approval. Application for prior approval shall be addressed to:

Office of the Prime Minister  
Kosovo Agency for Radiation Protection and Nuclear Safety  
Johan V Hahn Street No. 11  
10 000 Pristina  
KOSOVO  
Tel: +383 38 200 14519  
Email: [akmrrsb@rks-gov.net](mailto:akmrrsb@rks-gov.net)  
Website: <https://akmrrsb.rks-gov.net>



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**KSG-05** According to the Law No. 05/L-022 on Weapons (Official Gazette No. 25/2015), the transportation of weapons and explosives to and from the Republic of Kosovo the operator must ensure that the consignor/consignee is in possession of a prior approval. Application for prior approval shall be addressed to:

Ministry of the Internal Affairs  
Department of Public Safety  
Luan Haradinaj Street N.N.  
10 000 Pristina  
KOSOVO  
Tel: +383 38 200 76668  
Email: [avsec.mpb@rks-gov.net](mailto:avsec.mpb@rks-gov.net)  
Website: <https://mpb.rks-gov.net>

**New or Amended Operator Variations (Sections 2.8.3 and 2.8.4)**

Amend Operator Variations list (2.8.3.4)

The following operators have filed variations:

Airline	Code	Airline	Code
Air Calédonie	TY	Jazz Aviation LP	QK
Air Canada	AC	Kenya Airlines	KQ
Air Canada Rouge	RV	Korean Airlines	KE
Cargolux	CV	Malaysia Airlines	MH
Cargolux Italia	C8	Neos SpA	NO
China Postal	CF	<input type="checkbox"/> Norse Atlantic Airways	N0
Deutsche Lufthansa/Lufthansa Cargo AG	LH	<input type="checkbox"/> Pakistan International Airlines	PK
DHL Aero Expreso S.A.	D5	Qantas Airways	QF
DHL Air Austria GmbH-DHL	Q7	Singapore Airlines	SQ
DHL Air Limited-DHL	D0	⊗ Sky Regional Airlines	RS
DHL Aviation EEMEA	ES	Srilankan Airlines	UL
European Air Transport Leipzig GmbH-DHL	QY	<input type="checkbox"/> Starlux Airlines	JX
European Cargo Limited	SE	<input type="checkbox"/> Sunclass Airlines	DK
Federal Express	FX	Swiss International	LX
Hawaiian Airlines	HA	<input type="checkbox"/> Trade Air	C3
Hong Kong Air Cargo Carrier Ltd	RH	Turkish Airlines	TK
Icelandair	FI		
<input type="checkbox"/> Jambojet	JM		

Amend **AC (Air Canada)** variations

**AC-01 Not used.** When a Shipper's Declaration is required for interline shipments, three (3) original copies must be provided with each shipment at the origin location (see 8.1.2.3, 10.8.1.4).

**AC-02** The shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in the case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including the country and area code, preceded by the words "24-hour number" or an abbreviation of these words, must be inserted on the Shipper's Declaration for Dangerous Goods, preferably in the "Handling Information" box. (see 8.1.6.11 and 10.8.3.11)

**AC-05 Not used.** Special provision A70 may only be used for Aircraft engines. All other internal combustion engines, being shipped either separately or incorporated into a vehicle, machine or other apparatus, the fuel tank or fuel system of which contains or has contained fuel must be classified in accordance with these regulations.

**ADDENDUM**

**AC-06** For shipments of Section II of the packing instructions 966, 967, 969, and 970, 977 and 978, the number of packages (unless these are the only packages within the consignment) must be added in the "Nature and quantity of goods" box of the air waybill.

**AC-07** Lithium or sodium ion Batteries transported under Section II of PI 966, 967, 969, and 970, 977 and 978 will only be accepted for carriage with a duly completed "Lithium or sodium Batteries Battery - Section II- Shippers Transport Document" available on the Air Canada Cargo website, see:

Website: [www.aircanada.com/cargo/tools/forms-and-reference](http://www.aircanada.com/cargo/tools/forms-and-reference) [www.aircanada.com/cargo/en/tools-forms/#tab\\_forms-reference](http://www.aircanada.com/cargo/en/tools-forms/#tab_forms-reference)

The document provided by the shipper must be in the format shown on the Air Canada website but may have the shipper's logo in place of that of Air Canada.

**AC-08** UN 3556, Vehicle, lithium ion battery powered, UN 3557 Vehicle, lithium metal battery powered and UN 3558 Vehicle, sodium ion battery powered are prohibited from carriage as cargo. UN 3171, Battery-powered vehicle, that are powered by lithium batteries, will not be accepted for carriage.

**AC-09** Used and/or refurbished lithium or sodium ion batteries packed with or contained in equipment, Section II, packed in an overpack are not accepted for carriage as cargo.

**AC-10** UN 3090 Lithium metal batteries, and UN 3480 Lithium ion batteries and UN 3551 Sodium ion batteries are prohibited from carriage as cargo.

☐ **AC-11** Class 1 Explosives will not be accepted for carriage, except for Class 1.4S.

After **BZ (Blue Dart Aviation)** insert **C3 (Trade Air)** variations

☐ **C3 (Trade Air)**

**C3-01** Prior approval is required for shipments containing dangerous goods. Approval can be obtained from the Trade Air DG coordinator - [ground.operations@trade-air.com](mailto:ground.operations@trade-air.com)

**C3-02** High consequence dangerous goods as defined in 1.7.3 will not be accepted for carriage.

☒ **C3-03** Radioactive material, including all categories of excepted packages, will not be accepted for carriage (see 10.10.2).

**C3-04** Packages and overpacks containing lithium ion cells or batteries packed with/in equipment (UN 3481, Packing Instructions 966 and 967), as well as lithium metal cells or batteries packed with/in equipment (UN 3091, Packing Instructions 969 and 970), will not be accepted for carriage as cargo or in airmail.

Amend **C8 (Cargolux Italia)** variations

**C8-03** The transport of the following articles must be coordinated with your local Cargolux Representative:

- UN 3480, UN 3551,
- UN 3481, UN 3091, UN 3552 (only when shipped in accordance with Special Provision A88 or A99),
- UN 3556, UN 3557, UN 3558,
- UN 3166 (only hybrid-electric vehicles, powered by both an internal combustion engine and a sodium ion or lithium battery).

The transport of UN 3481/UN 3091 prepared in accordance with Packing Instruction 910 (see Special Provision A88), UN 3480, UN 3166 (only hybrid-electric vehicles, powered by both an internal combustion engine and a lithium battery) and UN 3171 (vehicles powered by a lithium battery) must be coordinated with your local Cargolux Representative.

This requirement does not apply to UN 3481/UN 3091 prepared in accordance with Packing Instruction 966, 967, 969 or 970.



**ADDENDUM**

Insert new variations to **CF (China Postal Airlines)**

**CF (China Postal Airlines)**

- **CF-09** Consolidated cargo containing dangerous goods will not be accepted for transportation, except in the following cases:
  1. There is only one house waybill for the consolidated goods.
  2. The consolidated cargo of multiple house waybills of the same shipper and different consignees under one master waybill can only contain miscellaneous dangerous goods of class 9 (excluding UN3480 and UN3090);
  3. The dangerous goods in the consolidated cargo of multiple house waybills of different shippers/consignees can only be ID8000 consumer goods and/or UN1266 perfume products and/or UN1845 dry ice used as a general cargo refrigerant and/or Lithium Batteries that compliance with Section II PI966, 967, 969, 970.
- **CF-10** Package containing corrosive liquid dangerous goods in Packing Group I, II and III must use sufficient absorbent material capable of absorbing all the contents of the inner packaging.
- **CF-11** The following metal packagings without overpack are not acceptable for single packaging:
  - 1A1/1A2/1B1/1B2/1N1/1N2
  - 3A1/3A2/3B1/3B2

These packagings must be overpacked to protect the top and bottom of the packaging (see 5.0.1.5).

- **CF-12** Liquid dangerous goods in single packagings, including composite packagings, must be overpacked.
- **CF-13** The consignee's telephone number must be displayed on the air waybill.
- **CF-14** The shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in case of an accident or incident concerning (each of) the dangerous goods being transported. This telephone number, including country and area code, preceded by the words "Emergency Contact" or "24-hour number" must be inserted on the DGD preferably in the "Additional Handling Information" box (see 8.1.6.11 and 10.8.3.11).

A 24-hour emergency telephone number is not required for shipments that do not require a Shipper's Declaration for Dangerous Goods.

Amend **CV (Cargolux)** variations

**CV-03** The transport of the following articles must be coordinated with your local Cargolux Representative:

- UN 3480, UN 3551,
- UN 3481, UN 3091, UN 3552 (only when shipped in accordance with Special Provision A88 or A99),
- UN 3556, UN 3557, UN 3558,
- UN 3166 (only hybrid-electric vehicles, powered by both an internal combustion engine and a sodium ion or lithium battery).

The transport of UN 3481/UN 3091 prepared in accordance with Packing Instruction 910 (see Special Provision A88), UN 3480, UN 3166 (only hybrid-electric vehicles, powered by both an internal combustion engine and a lithium battery) and UN 3171 (vehicles powered by a lithium battery) must be coordinated with your local Cargolux Representative.

Amend **D0 (DHL Air Limited–DHL)** variations

**D0-03** All lithium and sodium ion batteries, including refurbished, prepared under Section II of packing instructions 966, 967, 969, 970, 977 and 978 will only be accepted for carriage with the approval of Regional/Global Restricted Commodities Group–DHL Express Europe Headquarters.

**D0-07 Not used.** The transport of Electric Vehicles (EV's) under UN3171 with a mass/weight of 100kg or more and Hybrid Electric Vehicles (HEV's) under UN 3166 with a mass/weight of 100kg or more, must be shipped at a 'turn-key' battery indication no greater than 15%. This must be indicated in the Shipper's Declaration for Dangerous Goods, by adding the statement "the charge indication of the vehicle is 15% or less" in the Additional Handling Information field.



**ADDENDUM**

UN3171 with a mass/weight of less than 100kg must be loaded within a Fire-Resistant Container (FRC), Fire Containment Bag (FCB) or be covered by a Fire Containment Cover (FCC).

Hybrid Vehicles, UN3166, without a 'turn-key' charge indication, must be loaded within a Fire-Resistant Container (FRC) or be covered by a Fire Containment Cover (FCC).

**D0-08** Handwritten Shipper's Declarations will not be accepted. The following fields can be deleted manually:

- Aircraft Limitations
- Shipment Type

Handwritten alterations or amendments as described in 8.1.2.6.1 are accepted, are acceptable if each alteration/amendment is legible and signed with the same signature used to sign the Shipper's Declarations.

**D0-09** For Dangerous Goods that require a Shipper's Declaration, The the shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in the case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including the country and area code, preceded by the words "Emergency Contact" or "24-hour number," must be inserted on the Shipper's Declaration-DGD in the "Handling Information" box. (See 8.1.6.11 and 10.8.3.11).

A 24-hour emergency telephone number is not required for shipments that do not require a Shipper's Declaration for Dangerous Goods.

Amend **D5 (DHL Aero Expreso S.A.)** variations

**D5-03** All lithium and sodium ion batteries, including refurbished, prepared under Section II of packing instructions 966, 967, 969, and 970, 977 and 978 will only be accepted for carriage with the approval of Regional/Global Restricted Commodities Group-DHL Express Europe Headquarters.

- **D5-07** The transport of Electric Vehicles (EV's) under UN3171 with a mass/weight of 100kg or more and Hybrid Electric Vehicles (HEV's) under UN 3166 with a mass/weight of 100kg or more, must be shipped at a 'turn-key' battery indication no greater than 15%. This must be indicated in the Shipper's Declaration for Dangerous Goods, by adding the statement "the charge indication of the vehicle is 15% or less" in the Additional Handling Information field.

UN3171 with a mass/weight of less than 100kg must be loaded within a Fire-Resistant Container (FRC), Fire Containment Bag (FCB) or be covered by a Fire Containment Cover (FCC).

Hybrid Vehicles, UN3166, without a 'turn-key' charge indication, must be loaded within a Fire-Resistant Container (FRC) or be covered by a Fire Containment Cover (FCC).

Class 1, explosive articles will not be accepted for carriage or handled by DHL Aero Expreso S.A. or any other operator flying on our behalf. This variation does not apply to those parts or devices used for the DHL Aero Expreso aircraft during normal operations, where a written authorization must be obtained from Regional Restricted Commodities Group (See Packing Instructions 101-143).

**D5-08** Handwritten Shipper's Declarations will not be accepted. The following fields can be deleted manually:

- Aircraft Limitations
- Shipment Type

Handwritten alterations or amendments as described in 8.1.2.6.1 are accepted, are acceptable if each alteration/amendment is legible and signed with the same signature used to sign the Shipper's Declarations.

**D5-09** For Dangerous Goods that require a Shipper's Declaration, The the shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in the case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including the country and area code, preceded by the words "Emergency Contact" or "24-hour number," must be inserted on the Shipper's Declaration-DGD in the "Handling Information" box. (See 8.1.6.11 and 10.8.3.11).

A 24-hour emergency telephone number is not required for shipments that do not require a Shipper's Declaration for Dangerous Goods.

- **D5-710** Class 1, explosive articles will not be accepted for carriage or handled by DHL Aero Expreso S.A. or any other operator flying on our behalf. This variation does not apply to those parts or devices used for the DHL



## ADDENDUM

**Aero Expresso aircraft during normal operations, where a written authorization must be obtained from Regional Restricted Commodities Group (See Packing Instructions 101–143).**

Amend **DE (Condor Flugdienst GmbH)** variations

**DE-04 UN 3356** Oxygen generators, **chemical** will not be accepted.

**DE-05 Not used. Division 2.3 Toxic Gases are not accepted for carriage.**

**DE-07** Class 7, **Category I-White (RRW)**, Category II-Yellow (RRY) and Category III-Yellow (RRY) will not be accepted for carriage. **Category I-White and** Radioactive Material excepted package (RRE) are subject to prior authorization.

**DE-08** The following restrictions apply to items/goods carried by passengers or crew:

- **For self-inflating safety devices, only a maximum of 60 g carbon dioxide per cartridge is permitted.**

- The carriage of **machinery with** internal combustion or fuel cell engines which meet S.P. A70 is only allowed with prior **operator** approval.

**DE-09** The shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in case of an accident or incident concerning (each of) the dangerous goods being transported. This telephone number, including **the** country and area code, preceded by the words "Emergency Contact" or "24-hour number" must be inserted on the DGD preferably in the "Additional Handling Information" box, **e.g. "Emergency Contact +49 67 50 00 00"** (see 8.1.6.11 and 10.8.3.11).

**DE-10** Lithium metal cells/batteries and lithium ion cells/batteries, UN 3090, UN 3091, UN 3480 **and**, UN 3481, **and sodium ion cells/batteries, UN 3551, UN 3552**, will not be accepted for carriage as cargo. This prohibition does not apply to:

- UN 3091 lithium metal cells/batteries packed with or contained in equipment when prepared in accordance with Section II of PI 969 or PI 970

- UN 3481 lithium ion cells/batteries packed with or contained in equipment when prepared in accordance with Section II of PI 966 or PI 967

- **UN 3552 sodium ion cells/batteries packed with or contained in equipment when prepared in accordance with Section II of PI 977 or PI 978**

**DE-11** Following items/goods are not permitted to be carried by passengers or crew:

- permeation devices

- **small vehicles powered by lithium batteries such as Segways, hover boards, airwheels, solo wheels, balance wheels and e-bikes with batteries**

- **small lithium battery powered vehicles such as, but not limited to, segway, hover board, air wheel, solo wheel, balance wheel with or without battery, as well as e-bikes with battery**

- **lithium batteries: security-type equipment containing lithium batteries**

- oxygen or air, gaseous, cylinders required for medical use

- specimens, non-infectious **packed with small quantities of flammable liquid**

**DE-12** Lithium **or sodium ion** batteries transported under Section II of PI 966, 967, 969 **and**, 970, **977 and 978** will only be accepted for carriage with a duly completed "Shipper's Transport Document for **Lithium** Batteries—Section II" form, available through official cargo booking channels and on the Condor website.

**DE-13** **Following items/goods will not be accepted for carriage as cargo:**

- **UN 3556 Vehicle, lithium ion battery powered**

- **UN 3557 Vehicle, lithium metal battery powered**

- **UN 3558 Vehicle, sodium ion battery powered**



**ADDENDUM**

After **DE (Condor Flugdienst GmbH)** insert **DK (Sunclass Airlines)** variations

□ **DK (Sunclass Airlines)**

**DK-01** The number of packages marked with the battery mark in compliance with Section II of the packing instructions 966, 967, 969 and 970, must be added in the "Nature and quantity of goods" box of the air waybill (unless these are the only packages within the consignment), for example "Lithium Ion Batteries in compliance with Section II of PI 967–5 packages and Lithium Metal Batteries in compliance with Section II of PI 969–3 packages".

Amend **ES (DHL Aviation EEMEA)** variations

**ES-03** All lithium and sodium ion batteries, including refurbished, prepared under Section II of packing instructions 966, 967, 969, and 970, 977 and 978 will only be accepted for carriage with the approval of Regional/Global Restricted Commodities Group–DHL Express Europe Headquarters.

**ES-04** It is forbidden to carry weapons, munitions of war or parts of them, except with the express exemption of the national authorities. Such items can only be accepted by advance arrangements and approval by the Regional Restricted Commodities Group–DHL Express Europe Headquarters MENA.

□ **ES-07 Not used.** The transport of Electric Vehicles (EV's) under UN3171 with a mass/weight of 100kg or more and Hybrid Electric Vehicles (HEV's) under UN 3166 with a mass/weight of 100kg or more, must be shipped at a 'turn-key' battery indication no greater than 15%. This must be indicated in the Shipper's Declaration for Dangerous Goods, by adding the statement "the charge indication of the vehicle is 15% or less" in the Additional Handling Information field.

UN3171 with a mass/weight of less than 100kg must be loaded within a Fire-Resistant Container (FRC), Fire Containment Bag (FCB) or be covered by a Fire Containment Cover (FCC).

Hybrid Vehicles, UN3166, without a 'turn-key' charge indication, must be loaded within a Fire-Resistant Container (FRC) or be covered by a Fire Containment Cover (FCC).

**ES-08** Handwritten Shipper's Declarations will not be accepted. The following fields can be deleted manually:

- Aircraft Limitations
- Shipment Type

Handwritten alterations or amendments as described in 8.1.2.6.1 are accepted. are acceptable if each alteration/amendment is legible and signed with the same signature used to sign the Shipper's Declarations.

**ES-09** For Dangerous Goods that require a Shipper's Declaration, The the shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in the case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including the country and area code, preceded by the words "Emergency Contact" or "24-hour number," must be inserted on the Shipper's Declaration-DGD in the "Handling Information" box. (See 8.1.6.11 and 10.8.3.11).

Amend **FI (Icelandair)** variations

**FI-01** The following lithium batteries are prohibited as cargo on Icelandair passenger aircraft:

- UN 3481 Lithium ion batteries packed with or contained in equipment in accordance with Section I of PI 966 and PI 967 (RLI)
- UN 3091 Lithium metal batteries packed with or contained in equipment in accordance with Section I of PI 969 and PI 970 (RLM)
- UN 3552 Sodium ion batteries packed with or contained in equipment in accordance with Section I of PI 977 and PI 978 (RLI)

These restrictions do not apply to UN 3481 (lithium ion batteries packed with or contained in equipment) and UN 3091 (lithium metal batteries packed with or contained in equipment) and UN 3552 (sodium ion batteries packed with or contained in equipment) prepared in accordance with Section II of packing instructions 966, 967, 969, and 970, 977 and 978.

**ADDENDUM**

Amend **FX (Federal Express)** variations

**FX-02** .....

(e) Regardless of origin or destination, FedEx Express will only accept the UN numbers listed below when the packaging complies with 49 CFR 173.302(f), 173.304 (f) and meet DOT31FP thermal resistance and flame penetration requirements as prescribed in 49CFR Part 178 Appendix D and E (see USG-18). Packaging must be a UN specification packaging that meets Packing Group I or II performance standards or meets ATA specification 300 Category I performance standards. In addition, outer packages must be marked by the manufacturer with the additional certification mark "DOT31FP".

Amend **HA (Hawaiian Airlines)** variations

**HA-06** Lithium cell/battery limitations: HA accepts UN 3481, and UN 3091 and UN 3552 shipments only when packaged in accordance with Section II of the following Packaging Instructions: PI 966, PI 967, PI 969, and 970, 977 and 978.

After **JL (Japan Airlines)** insert **JM (Jambojet)** variations

☐ **JM (Jambojet Ltd)**

**JM-01** The Shipper must provide a 24-hour emergency telephone number of a person that has knowledge of the hazards, characteristics and action to be taken in the event of an accident or incident concerning all dangerous goods being transported by air. The telephone number, which must include the country and area code, should be shown in the additional handling information box of the shipper's declaration for dangerous goods and on the package (See 8.1.6.11 and 10.8.3.11)

**JM-02** The following classes/divisions are NOT ACCEPTED for carriage:

- Class 1 explosives except Ammunition of division 1.4S
- Class 7, Radioactive Material
- Veterinary Aid material except under UN 3373 Packaging Instruction 650
- Mercury
- Packages Marked as 'Cargo Aircraft Only'
- Dangerous goods in airmail (See 2.4 and 10.2.2)

**JM-03** Dangerous Goods that require operator approval, such enquiries please contact: [dq.info@jambojet.com](mailto:dq.info@jambojet.com)

**JM-04** Lithium Batteries when packed or contained in equipment in accordance with section II packaging instruction 966, 967, 969 and 970 the net quantity of lithium ion cells or battery and Lithium metal cell or battery per package must be provided in the 'nature and quantity of goods' box on the airway bill and be reported as special load in the NOTOC.

After **JW (Sippers Aviation)** insert **JX (Starlux Airlines)** variations

☐ **JX (Starlux Airlines)**

**JX-01** Dangerous Goods requiring a Cargo Aircraft Only (CAO) label will not be accepted for carriage, except for UN3356 (PBE) of STARLUX AOG materials.

**JX-02** Dangerous goods in Packing Group I will not be accepted for carriage, except for STARLUX AOG materials.

**JX-03** Class 1-Explosives will not be accepted for carriage, except for Explosives of Division 1.4S.

**JX-04** Division 2.1, Flammable Gas, The following Flammable Gases will not be accepted for carriage:

- UN1057 – Lighters

**JX-05** Division 2.3, Toxic Gases, will not be accepted for carriage.

**JX-06** Division 6.2 infectious substance in category A will not be accepted for carriage.

**JX-07** Class 7, Radioactive Material, including excepted quantity packages, will not be accepted for carriage including excepted quantity package.

**JX-08** Class 8, Corrosives. The following Corrosive Materials will not be accepted for carriage:

**ADDENDUM**

- UN2803 – Gallium
- UN1787 – Hydriodic Acid

**JX-09** Class 9, Miscellaneous Dangerous Goods. The following goods will not be accepted for carriage:

- UN2211 – Polymeric Beads, expandable
- UN2807 – Magnetized Material: Field strength causing a compass deflection of more than 2 degrees at a distance of 4.6 m (equivalent to 0.00525 Gauss measured at a distance of 4.6 m).

**JX-10** Lithium batteries UN3480 section IA/IB (RBI), UN3090 section IA/IB(RBM), and sodium ion batteries UN3551 will not be accepted for carriage.

**JX-11** Shippers must indicate the UN number on the Air Waybill for excepted quantity packages.

**JX-12** Small vehicles powered by Lithium ion Batteries, including the AirWheel (except for smart baggage with batteries removed), Solowheel, Hoverboard, mini Segway and other self-balancing electric scooter will not be accepted for carriage.

**JX-13** Dangerous Goods forwarded to the off-line stations can be accepted on JX flights only if an advanced arrangement is made between JX and the truck service company by reservation staff at the origin station.

**JX-14** Dangerous Goods transferred to/from other operators will not be accepted for carriage, except for UN2807 (Magnetized Material), UN3166 (Vehicle), UN3528 (Engine), UN3530 (Engine), Lithium Batteries (UN3481/UN3091) Section II (ELI/ELM), sodium ion batteries (UN 3552) section II (ELI), and certain class(es) or division(s) with a prior approval from the STARLUX Headquarter has been obtained.

**JX-15** Shippers must provide a 24-hour emergency telephone number of the person who is knowledgeable of dangerous goods and actions to be taken in case of an accident or incident. The telephone number including the international access code or the “+” (plus) sign, country code, and area or city code preceded by the words “Emergency Contact” or “24-hour number” must be inserted in the “Additional Handling Information” box on the DGD.

**JX-16** For UN 3480, UN 3481, UN 3551, UN 3556, UN 3557 (rechargeable batteries only), and UN 3558, shippers must clearly indicate that the batteries have a state of charge (SoC) not exceeding 30% or a battery capacity not exceeding 25%, preferably in the “Additional Handling Information” section of the DGD.

**JX-17** Liquid dangerous goods in single packaging of drums and jerricans of any materials must be prepared as follows:

- The steel drums/plastic drums/plastic jerricans must be protected by other strong outer packaging. For example, fiberboard box; or
- If prepared as an open overpack, a suitably sized plastic, foam or wooden pallet must be used to protect at least the top and bottom of the packaging.
- If wooden skids are used, shippers must ensure that there are no sharp objects protruded on the skids.

Amend **KE (Korean Airlines)** variations

**KE-01** Dangerous goods, including Dangerous Goods in Excepted Quantity and Radioactive Material in Excepted Package in consolidations will not be accepted for carriage, except for the following shipments:

- (a) consolidations having one master air waybill with one house air waybill;
- (b) consolidations having one master air waybill with more than one house air waybill(s) containing the following dangerous goods or following dangerous goods with general cargo:
  - UN 1845, Carbon dioxide, solid (Dry ice) when used as a refrigerant for non-dangerous goods;
  - UN 2807, Magnetized material;
  - ID 8000, Consumer commodities;
  - UN 1266, Perfumery product;
  - UN 3481/3091/3552, lithium ion/metal batteries and sodium ion batteries packed with equipment and contained in equipment, Section II (PI 966, 967, 969, 970,977,978).
  - lithium batteries Section II (PI 966, 967, 969, 970);

For dangerous goods in consolidations, the shipper must enter the House Air Waybill number after the Air Waybill number separated by “/” on the Shipper's Declaration. (see 1.3.3, 8.1.2.4, 8.1.6.3, 9.1.8 and 10.8.1.5).

## ADDENDUM

**KE-03** Shipper's Declarations for Dangerous Goods must be completed in English, with copies requested by KE but not less than 2 copies for each shipment (see 8.1.2.1, 8.1.2.3, 10.8.1.2 and 10.8.1.4).

All package and overpack markings required by these Regulations must also be completed in English.

**KE-04** The shipper of the following batteries must clearly declare that the state of charge not exceeding 30% of their rated capacity on the Shipper's Declaration in the "Additional Handling Information" section

- UN 3480, Lithium ion batteries of PI 965;
- UN 3551, Sodium ion batteries of PI 976

For UN 3480, lithium ion batteries, Section IA and Section IB, the shipper must clearly indicate that the lithium ion batteries are at no more than 30% state of charge on the Shipper's Declaration preferably in the "Additional Handling Information" section.

**KE-06** Dangerous goods will not be accepted for carriage on Korean Air passenger flight except for the following shipments:

- Dangerous goods in excepted quantities;
- Radioactive materials, excepted packages;
- UN 1845, Carbon dioxide, solid (dry ice);
- UN 2807, Magnetized material;
- ID 8000, Consumer commodity;
- UN 3373, Biological substance, Category B;
- UN 3528, Engine, internal combustion, flammable liquid powered / Engine, fuel cell, flammable liquid powered / Machinery, fuel cell, flammable liquid powered and Machinery, internal combustion, flammable liquid powered;
- UN 3530, Engine, internal combustion and Machinery, internal combustion;
- UN 3166, Vehicle, flammable liquid powered; Vehicle, fuel cell, flammable liquid powered
- UN 3481/3091/3552, lithium ion/metal batteries and sodium ion batteries packed with equipment and contained in equipment, Section II (PI 966, 967, 969, 970, 977, 978).

Dangerous goods, including "Dangerous Goods in Excepted Quantity" and "Radioactive Material in Excepted Package", will not be accepted for carriage on KE's passenger flight. The only exceptions are UN 3166, UN 3528, UN 3530, ID 8000, UN 1845, UN 2807, UN 3373 and UN 3481/3091 Section II (PI 966, 967, 969, 970).

**KE-07** Liquid dangerous goods in single packagings or dangerous goods exceeding 50 kg must be prepared as follows; (see 5.0.2.14)

- Overpack with rigid material to protect at least the top and bottom of the package and;
- They must be stackable and able to be handled using equipment such as forklifts.

Except for ID 8000, Consumer commodity, all liquid dangerous goods must comply with the following packaging requirements in addition to those specified in the packing instructions (see 5.0.2.14):

Single Packaging using UN Specification Packaging is:

- acceptable if it is a Steel Drum (1A1 or 1A2) or Composite Packaging—plastic receptacle with outer steel drum (6HA1); or
- acceptable if it is overpacked by a strong wooden crate.

Combination Packaging using Limited Quantity Packaging is:

- acceptable if it is overpacked by a strong wooden crate.

☐ **KE-08** Self-balancing vehicles or vehicles not equipped with at least one seating position (UN 3556/3557/3558 of PI 952) will not be accepted for carriage. (see SP A214).

☐ **KE-09** Unit load devices or freight containers containing the following dangerous goods will only be accepted by prior arrangement or contract.

- Dangerous goods in excepted quantities;
- UN 1845, Carbon dioxide, solid (dry ice);
- UN 2807, Magnetized material;

**ADDENDUM**

- ID 8000, Consumer commodity;
- UN 3373, Biological substance, Category B;
- UN 3481/3091/3552, lithium ion/metal cells and batteries and sodium ion cells and batteries meeting the provisions of Section II of Packing Instructions PI 966, 967, 969, 970, 977, and 978).

Amend **KQ (Kenya Airways)** variations

**KQ-02** Dangerous goods in excepted quantities will be accepted for transport subject to prior approval and authorisation (see 2.6). Approval request must be submitted 48 hours before the planned flight date. For approval request, please contact:

Quality Assurance Manager Operations – AOC Control Manager Cargo

email: [QualityControlCargo@kenya-airways.com](mailto:QualityControlCargo@kenya-airways.com) [DangerousGoodsTeam@kenya-airways.com](mailto:DangerousGoodsTeam@kenya-airways.com)

**KQ-08** Dangerous Goods in Limited Quantities (except for Class 9 and ID 8000 Consumer Commodities) will be accepted for carriage subject to prior approval and authorisation (see Special Provision A112, 2.7 and all “Y” Packing Instructions). For approval inquiries please contact:

Quality Assurance Manager Operations – AOC Control Manager Cargo

email: [QualityControlCargo@kenya-airways.com](mailto:QualityControlCargo@kenya-airways.com) [DangerousGoodsTeam@kenya-airways.com](mailto:DangerousGoodsTeam@kenya-airways.com)

**KQ-09** Lithium ion and lithium metal batteries Batteries when packed or contained in equipment in accordance with section II Packing Instruction 966, 967, 969 and 970, the weight of the contents of lithium battery of lithium ion cells or battery per package must be provided in the “Nature and Quantity of Goods” box on the airway bill and be reported as Special Loads in the NOTOC.

Amend **LH (Deutsche Lufthansa/Lufthansa Cargo AG)** variations

**LH-08**

1. The following lithium batteries and sodium ion batteries will not be accepted for carriage as cargo:
  - UN 3480 Lithium ion batteries prepared in accordance with Section IA and IB of PI 965;
  - UN 3090 Lithium metal batteries prepared in accordance with Section IA and IB of PI 968;
  - UN 3551 Sodium ion batteries prepared in accordance with PI 976.
2. Consignments containing the following lithium batteries and sodium ion batteries are prohibited for carriage as cargo on LH Group passenger aircraft and must be shown as Cargo Aircraft Only on the Shipper's Declaration with packages bearing the Cargo Aircraft Only label:
  - UN 3481 Lithium ion batteries packed with or contained in equipment prepared in accordance with Section I of PI 966 and PI 967;
  - UN 3091 Lithium metal batteries packed with or contained in equipment prepared in accordance with Section I of PI 969 and PI 970;
  - UN 3552 Sodium ion batteries packed with or contained in equipment prepared in accordance with Section I of PI 977 and PI 978.

This prohibition does not apply to UN 3481, UN 3091 and UN3552 prepared in accordance with Section II of packing instructions 966, 967, 969, 970, 977 and 978.

3. Packages and overpacks containing the following lithium batteries and sodium ion batteries shall not exceed a maximum height of 1.60m
  - UN3481 lithium ion batteries prepared in accordance with Section I of PI 966 & PI967;
  - UN3091 lithium metal batteries prepared in accordance with Section I of PI 969 & PI 970;
  - UN3552 Sodium ion batteries prepared in accordance with Section I of PI 977 and PI 978.
4. Lithium batteries and Sodium Ion batteries approved by an appropriate authority under special provision A88 and A99 will not be accepted for carriage.

**ADDENDUM**

**LH-09** Only small lithium and sodium ion battery powered vehicles in UN 3171, UN 3556, UN 3557 and UN 3558 will be accepted as cargo. Small vehicles include e-bikes, motorcycles, wheelchairs, scooters or golf carts. Consignments must state Cargo Aircraft Only on the Shipper's Declaration and packages must bear the Cargo Aircraft Only label. **A maximum height of 1.60 m shall not be exceeded.** Battery powered automobiles and cars and larger battery powered vehicles will not be accepted.

Amend **LX (Swiss International)** variations

**LX-06** The following items are not accepted for carriage as cargo:

- UN 3090 Lithium metal batteries–PI 968, Section IA and Section IB
- .....
- UN 3481 Lithium ion batteries contained in equipment–PI 967, Section I
- UN 3551 Sodium ion batteries–PI 976
- UN 3552 Sodium ion batteries packed with equipment–PI 977, Section I
- UN 3552 Sodium ion batteries contained **with in** equipment–PI 978, Section I

Amend **MH (Malaysia Airlines)** variations

**MH-08** UN 2803 Gallium **and UN2809 Mercury** will not be carried under any circumstances **(see Packing Instruction 867).**

**MH-09 Not used.** UN 2211 Polymeric beads, expandable will not be accepted for carriage **(see Packing Instruction 957).**

**MH-10** Class 8, Corrosive materials (Packing Group I & II) will not be accepted for carriage (see 3.8). **Class 8 Corrosive Materials (Packaging Group II) is accepted on CAO.**

**MH-12 Not Used.** UN 3166, Vehicle flammable liquid powered, UN 3528, Engine, internal combustion, flammable liquid powered and UN 3530, Engine, internal combustion: **If not able to be handled in other than an upright position, all fluids must be drained and the battery removed, e.g. motorcycles, lawn mowers, outboard motors and other vehicles, machines or equipment (see Packing Instruction 378, 950, 972).**

**MH-13** Safety Data Sheet (SDS) must be provided for dangerous goods except for dangerous goods in class 7, vehicles, dangerous goods in apparatus or machinery and engines, ID8000, Magnetized material, carbon dioxide, solid (dry ice) and division 6.2. The SDS must be written in English.

**The SDS must include the UN number, proper shipping name and other relevant transport information (see 8.0.1 and 8.3) on instances when SDS is unavailable the applicable DG declaration will suffice.**

**Material Safety Data Sheet (MSDS) must be provided for dangerous goods except for dangerous goods in Class 7, vehicles, dangerous goods in apparatus or machinery and engines, ID 8000, Magnetized material, carbon dioxide, solid (dry ice) and Division 6.2. The MSDS must be written in English.**

**The MSDS must include the UN number, proper shipping name and other relevant transport information (see 8.0.1 and 8.3).**

- ⊕ **MH-15** Radioactive materials in Type A **and Radioactive materials in Type B(U)** packages will be accepted for carriage on passenger aircraft subject to the limitations of MH-18 (see 10.9.3 and 10.5.10).
- ⊕ **MH-16** **Radioactive materials in Type B(U),** Type B(M) and Type C packages will only be accepted for carriage on cargo aircraft (see 10.9.3, 10.5.11 and 10.5.12).



**ADDENDUM**

After **MU (China Eastern Airlines Co., LTD.)**, insert **N0 (Norse Atlantic Airways)** variations

□ **N0 (Norse Atlantic Airways)**

**N0-01** Dangerous goods shipments can be accepted according to the requirements of the IATA DGR current version. With respect to the below operator variations, special requests should always be consulted through Norse Atlantic Airways' designated representative, Kales Group-Cargo GSSA and Total Cargo Management provider. For inquiries, please contact: [Norsecargo@kales.com](mailto:Norsecargo@kales.com)

⊛ **N0-02** Dangerous goods classified as Class 7 – Radioactive Materials will not be accepted for carriage.

**N0-03** Dangerous goods classified as Class 9 – Lithium Batteries will not be accepted for carriage, with the exception of lithium batteries contained in or packed with equipment (UN3481 / UN3091) that comply with Section II requirements.

**N0-04** Shippers must provide a 24-hour emergency contact phone number for a person or agency knowledgeable about the hazards and actions to be taken in case of an accident or incident involving the transported dangerous goods. This telephone number, including the country and area code, must be clearly indicated on the DGD (Dangerous Goods Declaration), preferably in the "Handling Information" box, using the wording "Emergency Contact" or "24-Hour Number."

**N0-05** The carriage of Carbon dioxide, solid (Dry ice) UN1845 is limited by aircraft type and the net weight of the Dry ice must be provided during the booking process to determine whether aircraft limits may be exceeded.

Amend **NO (Neos SpA)** variations

**NO-01** UN 3480 Lithium lithium ion batteries, and UN 3090 lithium metal cells and batteries and UN 3551 sodium ion batteries (UN 3480 and UN 3090, Section IA and Section IB of PI 965 and PI 968), including those approved by an appropriate authority under special provisions A88 or A99, will not be accepted for carriage as cargo.

UN 3481, and UN 3091 and UN 3552 Section I and Section II of PI 966, PI 967, PI 969 and PI 970 are permitted with prior approval from email:

[simone.bovi@neosair.it](mailto:simone.bovi@neosair.it)

After **PG (Bangkok Airways)** insert **PK (Pakistan International Airlines)** variation

□ **PK (Pakistan International Airlines)**

**PK-01** High consequences dangerous goods will not be accepted for carriage.

Amend **Q7 (DHL Air Austria GmbH–DHL)** variations

**Q7-03** All lithium and sodium ion batteries, including refurbished, prepared under Section II of packing instructions 966, 967, 969, and 970, 977 and 978 will only be accepted for carriage with the approval of Regional/Global Restricted Commodities Group–DHL Express Europe Headquarters.

**Q7-08** Handwritten Shipper's Declarations will not be accepted. The following fields can be deleted manually:

- Aircraft Limitations
- Shipment Type

Handwritten alterations or amendments as described in 8.1.2.6.1 are accepted, are acceptable if each alteration/amendment is legible and signed with the same signature used to sign the Shipper's Declarations.

**Q7-09** For Dangerous Goods that require a Shipper's Declaration, The the shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in the case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including the country and area code, preceded by the words "Emergency Contact" or "24-hour number," must be inserted on the Shipper's Declaration DGD in the "Handling Information" box. (See 8.1.6.11 and 10.8.3.11).

A 24-hour emergency telephone number is not required for shipments that do not require a Shipper's Declaration for Dangerous Goods.



## ADDENDUM

### Amend QF (Qantas Airways) variations

**QF-06** Shipments of UN 3480—Lithium ion batteries, including lithium polymer batteries are prohibited from carriage as cargo on Qantas aircraft. This applies to Section IA and Section IB of Packing Instruction 965. Shipments exempt from this prohibition are:

....

The above exempt shipments must:

- not exceed **100-35** kg net each;
- comply with all relevant parts of the Dangerous Goods Regulations (e.g. Shipper's Declaration if applicable);
- not exceed 100 kg total weight per aircraft; and
- be loaded into a Class C cargo compartment (lower deck only).

### Amend QK (Jazz Aviation LP) variations

**QK-01 Not Used.** When a Shipper's Declaration is required for interline shipments, three (3) original copies must be provided with each shipment at the origin location (see 8.1.2.3 and 10.8.1.4).

**QK-02** The shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in the case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including the country and area code, preceded by the words "24-hour number" **or an abbreviation of these words**, must be inserted on the Shipper's Declaration for Dangerous Goods, preferably in the "Handling Information" box. (see 8.1.6.11 and 10.8.3.11)

**QK-05 Not used.** Special provision A70 may only be used for Aircraft engines. All other internal combustion engines, being shipped either separately or incorporated into a vehicle, machine or other apparatus, the fuel tank or fuel system of which contains or has contained fuel must be classified in accordance with these regulations.

**QK-06** For shipments of Section II of the packing instructions 966, 967, **969, and 970, 977 and 978**, the number of packages (unless these are the only packages within the consignment) must be added in the "Nature and quantity of goods" box of the air waybill.

**QK-07 Not used.** Lithium or Sodium Batteries transported under Section II of PI 966, 967, **969, 970, 977 and 978** will only be accepted for carriage with a duly completed "Lithium or Sodium Battery Section II-Shippers Transport Document" available on the Air Canada Cargo website.

see: [www.aircanada.com/cargo/tools/forms-and-reference](http://www.aircanada.com/cargo/tools/forms-and-reference).

The document provided by the shipper must be in the format shown on the Air Canada website but may have the shipper's logo in place of that of Air Canada.

**QK-08** **UN 3556, Vehicle, lithium ion powered, UN 3557 Vehicle, lithium metal powered and UN 3558 Vehicle, sodium ion battery powered are prohibited from carriage as cargo. UN 3471, Battery-powered vehicle, that are powered by lithium batteries, will not be accepted for carriage.**

**QK-09** Used and/or refurbished lithium **or sodium ion** batteries packed with or contained in equipment, Section II, packed in an overpack are not accepted for carriage as cargo.

**QK-10** UN 3090 Lithium metal batteries and UN 3480 Lithium ion batteries **and UN 3551 Sodium ion batteries** are prohibited from carriage as cargo.

☐ **QK-11** Class 1 Explosives will not be accepted for carriage, except for Class 1.4S.

### Amend QY (European Air Transport Leipzig GmbH–DHL) variations

**QY-03** All lithium **and sodium ion** batteries, including refurbished, prepared under Section II of packing instructions 966, 967, **969, and 970, 977 and 978** will only be accepted for carriage with the approval of Regional/**Global** Restricted Commodities Group–DHL Express Europe Headquarters.

**QY-08** Handwritten Shipper's Declarations will not be accepted. **The following fields can be deleted manually:**

- **Aircraft Limitations**



**ADDENDUM**

- **Shipment Type**

Handwritten alterations or amendments as described in 8.1.2.6.1 are accepted, are acceptable if each alteration/amendment is legible and signed with the same signature used to sign the Shipper's Declarations.

**QY-09** For Dangerous Goods that require a Shipper's Declaration, The shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in the case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including the country and area code, preceded by the words "Emergency Contact" or "24-hour number," must be inserted on the Shipper's Declaration DGD in the "Handling Information" box. (See 8.1.6.11 and 10.8.3.11).

A 24-hour emergency telephone number is not required for shipments that do not require a Shipper's Declaration for Dangerous Goods.

Amend **RH (Hong Kong Air Cargo Carrier Ltd)** variations

**RH-07** UN 3480, Lithium ion cells and batteries will not be accepted for carriage as cargo, prepared in accordance with This applies to Section IA and Section IB of Packing Instruction 965, may be accepted subject to approval from Hong Kong Air Cargo Carrier Limited headquarters.

- ☐ **RH 08** UN3551 Sodium ion cells and batteries will not be accepted for carriage as cargo. This applies to Packing Instruction 976.

Delete all **RS (Sky Regional Airlines)** variations.

Amend **RV (Air Canada Rouge)** variations

**RV-01 Not used.** When a Shipper's Declaration is required for interline shipments, three (3) original copies must be provided with each shipment at the origin location (see 8.1.2.3, 10.8.1.4).

**RV-02** The shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in the case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including the country and area code, preceded by the words "24-hour number" or an abbreviation of these words, must be inserted on the Shipper's Declaration for Dangerous Goods, preferably in the "Handling Information" box. (see 8.1.6.11 and 10.8.3.11)

**RV-05 Not used.** Special provision A70 may only be used for Aircraft engines. All other internal combustion engines, being shipped either separately or incorporated into a vehicle, machine or other apparatus, the fuel tank or fuel system of which contains or has contained fuel must be classified in accordance with these regulations.

**RV-06** For shipments of Section II of the packing instructions 966, 967, 969, and 970, 977 and 978, the number of packages (unless these are the only packages within the consignment) must be added in the "Nature and quantity of goods" box of the air waybill.

**RV-07** Lithium or sodium ion Batteries transported under Section II of PI 966, 967, 969, and 970, 977 and 978 will only be accepted for carriage with a duly completed "Lithium or sodium ion Battery Section II-Shippers Transport Document" available on the Air Canada Cargo website, see:

Website: [www.aircanada.com/cargo/tools/forms-and-reference](http://www.aircanada.com/cargo/tools/forms-and-reference) [www.aircanada.com/cargo/en/tools-forms/#tab\\_forms-reference](http://www.aircanada.com/cargo/en/tools-forms/#tab_forms-reference).

The document provided by the shipper must be in the format shown on the Air Canada website but may have the shipper's logo in place of that of Air Canada.

**RV-08** UN 3556, Vehicle, lithium ion powered, UN 3557 Vehicle, lithium metal powered and UN 3558 Vehicle, sodium ion battery powered are prohibited from carriage as cargo. UN 3171, Battery-powered vehicle, that are powered by lithium batteries, will not be accepted for carriage.

**RV-09** Used and/or refurbished lithium or sodium ion batteries packed with or contained in equipment, Section II, packed in an overpack are not accepted for carriage as cargo.

**ADDENDUM**

**RV-10** UN 3090 Lithium metal batteries and UN 3480 Lithium ion batteries and UN 3551 Sodium ion batteries are prohibited from carriage as cargo.

□ **RV-11** Class 1 Explosives will not be accepted for carriage, except for Class 1.4S.

Insert a new **SE (European Cargo Limited)** variation

□ **SE-05** The following restrictions apply to lithium batteries:

- UN 3480 Lithium ion cells and batteries and UN 3090 lithium metal cells and batteries will only be accepted with prior approval from European cargo.
- UN 3091 Lithium metal cells and batteries packed with or contained in equipment, prepared in accordance with Section I, will not be accepted for carriage as cargo on passenger aircraft.

**SE-06** Used and/or refurbished lithium metal or lithium ion batteries, either packed alone or contained in/with equipment are prohibited for carriage.

**SE-07** Lithium ion cells and batteries (UN 3480/PI 965) and lithium metal cells and batteries (UN 3090/PI 968) approved under Special Provision A88 are not permitted for transport.

**SE-08** UN 3480, Lithium-Ion cells and batteries prepared in accordance with Section IA and IB of Packing Instruction 965 will only be accepted for carriage with the prior approval of European Cargo Limited – Dangerous Goods Manager, e-mail to be sent to: [ground.ops@european.aero](mailto:ground.ops@european.aero)

**SE-09** All dangerous goods packed in single packagings UN specification “1A1 or 1A2 steel drums” or composite packaging plastic receptacle with outer steel drum (6HA1) are not acceptable for carriage unless overpacked with a suitably sized wooden pallet to protect the top and the base of the packaging.

**SE-10** Liquid dangerous goods in single packagings of plastic drums and plastic jerricans must be prepared as follows:

- the plastic drums/plastic jerricans must be protected by other strong outer packaging, for example fibreboard box; or
- if prepared as an open overpack, a suitably sized plastic, foam or wooden pallet must be used to protect at least the top and bottom of the packaging.

**SE-11** Class 8—Corrosives. The following items will not be accepted for carriage:

- UN 2803—Gallium;
- UN 2809—Mercury; and
- UN 3506—Mercury contained in manufactured articles.

This prohibition does not apply to UN 3506, Mercury contained in manufactured articles that meet the provisions of Special Provision A69.

**SE-12** Shipper must provide a 24hr Emergency telephone number of a person/agency who is knowledgeable of hazards, characteristics, and actions to be taken in the case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including country and area code, preceded by the words Emergency Contact or 24hr Emergency number, must be inserted on the Shipper's Declaration for Dangerous Goods (DGD) preferably in the additional handling information box.

Amend **SQ (Singapore Airlines)** variations

**SQ-07** The following applies to lithium/sodium ion batteries:

1. Lithium/sodium ion batteries are prohibited for carriage on cargo aircraft without prior approval from Singapore Airlines:
  - lithium metal cells and batteries (UN 3090) prepared in accordance with Packing Instruction 968 for carriage as cargo on cargo aircraft;
  - lithium ion cells and batteries (UN 3480) prepared in accordance with Packing Instruction 965 for carriage as cargo on cargo aircraft.
  - sodium ion cells and batteries (UN3551) prepared in accordance with Packing Instruction 976 for carriage as cargo on cargo aircraft.



**ADDENDUM**

**Amend TK (Turkish Airlines) variations**

**TK-01** UN 3090 Lithium metal batteries, **and** UN 3480 Lithium ion batteries **and UN 3551 Sodium ion batteries** are prohibited from carriage as cargo.

**Amend TR (Scoot Pte Ltd) variations**

**TR-07** UN 3480 Lithium ion batteries **and UN 3551 Sodium ion batteries**. Lithium ion cells and batteries prepared under Section IA and Section IB of Packing Instruction 965 **or Sodium ion cells and batteries prepared under Packing Instruction 976**, are prohibited from carriage as cargo on Scoot aircraft.

This prohibition does not apply to:

- UN 3481 Lithium ion cells and batteries packed with or contained in equipment prepared in accordance with Packing Instruction 966 and Packing Instruction 967; or
- Lithium ion batteries (rechargeable) covered under the Provision for Carriage of Dangerous Goods by Passenger or Crew (see 2.3.2 to 2.3.5 and Table 2.3.A).
- **UN 3552 Sodium ion cells and batteries packed with or contained in equipment prepared in accordance with Packing Instruction 977 and Packing Instruction 978.**

**Amend TY (Air Calédonie) variations**

**TY-01** For the transport of dangerous goods **Packing Group I, as well as for the transport of in** excepted quantities, approval of the Dangerous Goods Manager is required email contact: [jean-nicolas-dominici@air-caledonie.nc](mailto:jean-nicolas-dominici@air-caledonie.nc)

**TY-02 Not Used.** Dangerous goods in limited quantities are not accepted (DGR 2.7 « Y » Packing Instruction).

**TY-03 Not Used.** Air Calédonie does not transport dangerous goods to or from the following destinations:

- ~~All international destinations~~

**TY-04** The transport of the following dangerous goods is forbidden by Air Calédonie:

- ~~Division 2.1 & 2.3~~
- Division 4.2 & 4.3
- Division 6.2, except UN 3373
- Dry ice, UN 1845
- Radioactive material class 7

**Amend UL (Srilankan Airlines) variations**

**UL-04** Dangerous goods in airmail **originating from Sri Lanka** will not be accepted for carriage. (see 2.4 and 10.2.2)

**UL-06** Prior approval is required for shipments containing radioactive material. Information can be obtained from:

Director ~~(inspection and enforcement)/(Director General cover-up)~~ **General/Director Authorization**  
Sri Lanka Atomic Energy Regulatory Council,  
No. 977/18,  
Kandy Road,  
Bulugaha Junction,  
Kelaniya  
SRI LANKA  
Tel: +94 11 2984096 **(Direct)**  
Tel: +94 76 6685656 **(Mobile)**  
Fax: +94 11 2984099  
email: [kapiladesilva@aerc.gov.lk](mailto:kapiladesilva@aerc.gov.lk)

or

**Deputy** Director (Inspection **Industrial Application, &** Enforcement)

**ADDENDUM**

Sri Lanka Atomic Energy Regulatory Council  
No 977/18,  
Kandy Road,  
Bulugaha Junction,  
Kelaniya  
SRI LANKA

Tel: +94 11 2987860 2984098 (Direct)

Tel: +94 71 8330846 (Mobile)

Fax: +94 11 2984099

email: [prageeth@aerc.gov.lk](mailto:prageeth@aerc.gov.lk)

or

Deputy Director (Inspection Industrial Application, Enforcement)

Sri Lanka Atomic Energy Regulatory Council

No 977/18,

Kandy Road,

Bulugaha Junction,

Kelaniya

SRI LANKA

Tel: Fax: +94 11 298 4099

email: [prageeth@aerc.gov.lk](mailto:prageeth@aerc.gov.lk)

**UL-07** Gaseous oxygen or air cylinders required for medical use will not be accepted for carriage. Should a passenger require supplementary oxygen, a prior request must be made to Srilankan Airlines. Contact carrier for more details (see 2.3.4.1). Supplementary oxygen kits shall be provided by Srilankan Airlines.

**UL-08** Small lithium battery powered vehicles (UN 3171) are prohibited not allowed as carry-on or checked in baggage. Some examples of these small lithium battery-powered vehicles are This prohibition applies but is not limited to air wheels, solo wheels, balance wheels and hover boards, mini-segways, and bikes. These devices are not "mobility aids" and are to be treated as "portable electronic devices" (PED).

Passengers with reduced mobility traveling with these devices on Sri Lankan Airlines are requested to contact the reservation before the start of their journey.

□ **UL-12** The carriage of Carbon dioxide, solid (Dry ice) UN1845 is limited by aircraft type and the net weight of the Dry ice must be provided during the booking process to determine whether aircraft limits may be exceeded.

□ **UL-13** Infected animals, dead or alive, will not be accepted for carriage.

□ **UL-14** The shipper must attach a Certificate duly signed and issued by a medical, scientific or other similar professional which confirms the classification of these specimens in the following case:

- shipment of Biological Substance, Category B;
- shipment of any Patient Specimens prepared according 3.6.2.2.3.8.

### **Section 3**

Amend paragraph 3.9.2.7.0

**3.9.2.7.0** Assigned entries:

- UN 3551 Sodium ion batteries
- UN 3552 Sodium ion batteries contained in equipment
- UN 3552<sup>23</sup> Sodium ion batteries packed with equipment



ADDENDUM

**Section 4**

**Amended List of Dangerous Goods (Section 4.2)**

Amend the List of Dangerous Goods as shown:

UN/ID No.	Proper Shipping Name/Description	Class or Div. (Sub Hazard)	Hazard Label(s)	PG	EQ	Passenger and Cargo Aircraft				Cargo Aircraft Only		S.P. see 4.4	ERG Code		
						Ltd Qty		Pkg Inst	Max Net Qty/Pkg	Pkg Inst	Max Net Qty/Pkg			Pkg Inst	Max Net Qty/Pkg
						Pkg Inst	Max Net Qty/Pkg								
A	B	C	D	E	F	G	H	I	J	K	L	M	N		
3171	Battery-powered equipment	9	Miscellaneous		E0	Forbidden		952	No limit	952	No limit	A67 A87 A94 A182 A199 A214	9L		
3171	Battery-powered vehicle	9	Miscellaneous		E0	Forbidden		952	No limit	952	No limit	A67 A87 A94 A182 A199 A214	9L		
3551	Sodium ion batteries with organic electrolyte	9	Lithium batt. or sodium ion batt.		E0	Forbidden		Forbidden		35 kg	976	A88 A99 A154 A183 A228 A201 A331 A334 A802	12FZ		
3552	Sodium ion batteries contained in equipment with organic electrolyte	9	Lithium batt. or sodium ion batt.		E0	Forbidden		978	5 kg	978	35 kg	A48 A88 A99 A154 A184 A185 A228	12FZ		
3552	Sodium ion batteries packed with equipment with organic electrolyte	9	Lithium batt. or sodium ion batt.		E0	Forbidden		977	5 kg	977	35 kg	A88 A99 A154 A184 A185 A228 A802	12FZ		
3423	Tetramethylammonium hydroxide, solid	6.1 (8)	Toxic & Corrosive	I	E5	Forbidden		665	1 kg	672	15 kg	A113 A234	6C		
<input type="checkbox"/> 3423	Tetramethylammonium hydroxide, solid	8	Corrosive	II	E2	Y844	5 kg	859	15 kg	863	50 kg	A234	8L		
<input type="checkbox"/> 1835	Tetramethylammonium hydroxide, solution	8	Corrosive	II	E2	Y840	0.5 L	851	1 L	855	30 L	A3	8L		
				III	E1	Y841	1L	852	5L	856	60L	A234 A803	8L		



**ADDENDUM**

UN/ID No.	Proper Shipping Name/Description	Class or Div. (Sub Hazard)	Hazard Label(s)	PG	EQ	Passenger and Cargo Aircraft				Cargo Aircraft Only		S.P. see 4.4	ERG Code
						Ltd Qty		Pkg Inst	Max Net Qty/Pkg	Pkg Inst	Max Net Qty/Pkg		
						Pkg Inst	Max Net Qty/Pkg						
A	B	C	D	E	F	G	H	I	J	K	L	M	N
1835	<b>Tetramethylammonium hydroxide, aqueous solution</b> with 2.5% or less tetramethylammonium hydroxide	8	Corrosive	III	E1	Y841	1L	852	5L	856	60L	A3 A233 A234 A803	8L
1835	<b>Tetramethylammonium hydroxide, aqueous solution</b> with more than 2.5% but less than 25% tetramethylammonium hydroxide	8 (6.1)	Corrosive & Toxic	II	E2	Y840	0.5L	851	1L	855	30L	A113 A233 A234	8P

**Amended Special Provisions (Section 4.4)**

Amend Special Provision A88 as shown:

**A88** Pre-production prototypes of lithium cells or batteries or sodium ion cells or batteries, when these prototypes are transported for testing,.....

When lithium **or sodium ion** batteries are shipped under an approval in accordance with this special provision, the packing instruction number shown on the Shipper's Declaration must be "910". This also applies to prototype lithium batteries shipped when packed with equipment or contained in equipment.

.....

**Section 5**

Amend the following subsections:

**5.0.1.2 Specific**

When preparing each package of dangerous goods, the shipper must:

- comply with the set of packing requirements appropriate to the type of packaging to be used;
- use only the packagings permitted by the applicable packing instruction specified in Columns G, I and K of the List of Dangerous Goods;
- for all packagings, restrict the overall quantity per package to the limits specified in Columns H, J or L of the List of Dangerous Goods (as applicable) or to the design limit for the package whichever is more restrictive. In addition, for combination packaging, the quantity limit per inner packaging must not exceed **the limit** assemble and secure all components of the packaging exactly in the manner intended; limits specified in the applicable packing instruction;
- assemble and secure all components of the packaging exactly in the manner intended; ts specified in the applicable packing instruction**
- ensure that external surfaces of assembled package(s) are clean of contamination arising from the filling process itself or from contamination from the environment surrounding the filling/assembly area; and...



## ADDENDUM

### 5.0.1.3 Use of Freight Containers and Unit Load Devices

The shipper must ensure that dangerous goods are not included in any freight container or unit load device except for the following:

- (a) a freight container for radioactive material (see Appendix A);  
.....
- (f) UN 3245, Genetically modified organisms, Genetically modified microorganisms prepared according to Packing Instruction 959;
- (g) Lithium ion, ~~or~~ lithium metal ~~or sodium ion~~ cells and batteries meeting the provisions of Section II of Packing Instructions 966, 967, 969, 970, **977, 978**;
- (h) UN 3164, Articles, pressurized, hydraulic or Articles, pressurized, pneumatic prepared according to Packing .....

### 5.0.1.5 Overpacks

**5.0.1.5.1** The overpack must not contain packages enclosing different substances which might react dangerously with each other or packages of dangerous goods which require segregation according to Table 9.3.A. In addition packages containing UN 3090, lithium metal batteries prepared in accordance with Section IA or Section IB of PI 968, **and** UN 3480, lithium ion batteries prepared in accordance with Section IA or Section IB of PI 965 **and UN 3551, sodium ion batteries prepared in accordance with PI 976** are not permitted in an overpack with packages containing dangerous goods classified in Class 1 other than Division 1.4S, Division 2.1, Class 3, Division 4.1 or Division 5.1.

### 5.0.2.11 Different Dangerous Goods Packed in One Outer Packaging

.....

An outer packaging may contain more than one item of dangerous goods and other goods not subject to these Regulations provided that:

- (a) the dangerous goods do not react dangerously with each other or with the other goods and cause:
  - combustion and/or evolution.....

#### Notes:

1. *For packages containing radioactive material, see Subsection 10.5.*  
.....
4. *UN 3090, lithium metal batteries prepared in accordance with Section IA or Section IB of PI 968, **and** UN 3480, lithium ion batteries prepared in accordance with Section IA or Section IB of PI 965 **and UN 3551, sodium ion batteries prepared in accordance with PI 976** are not permitted in the same outer packaging with dangerous goods classified in Class 1 other than Division 1.4S, Division 2.1, Class 3, Division 4.1 or Division 5.1.*

Amend the following Packing Instructions as shown:

### PACKING INSTRUCTION 372

This instruction applies to UN 3165, Aircraft hydraulic power unit fuel tank, on Cargo Aircraft Only.

The requirements of 5.0.2.4, 5.0.2.8, 5.0.2.11(a) and 5.0.2.12 must be met.

#### Compatibility Requirements

- **substances must be compatible with their packagings as required by 5.0.2.6.**

Aircraft hydraulic power unit fuel tanks containing a mixture of anhydrous hydrazine and methyl hydrazine (M86 fuel) and designed for installation as complete units in aircraft are acceptable subject to either of the following conditions:

- (a) the unit must consist of an aluminium pressure.....



**ADDENDUM**

**PACKING INSTRUCTION 952**

This instruction applies to UN 3171 Battery-powered equipment and Battery-powered vehicle, UN 3556 Vehicle, lithium ion battery powered, UN 3557 Vehicle, lithium metal battery powered and UN 3558 Vehicle, sodium ion battery powered on passenger and cargo aircraft....

.....

Battery-powered vehicles, and equipment must meet the following requirements:

**Batteries.** All batteries must be installed and securely fastened in the battery holder of the vehicle or equipment and be protected in such a manner as to prevent damage and short circuits. In addition:

.....

(b) if lithium or sodium ion batteries are installed:

.....

4. for UN 3556—Vehicle, lithium ion battery powered, UN 3557—Vehicle, lithium metal battery powered when the battery is rechargeable, and UN 3558—Vehicle, sodium ion battery powered:

.....

(ii) From 1 January 2026

(a) Vehicles powered by batteries with a Watt-hour rating exceeding 100 Wh must be offered for transport with:

- the battery(ies) at a state of charge not exceeding 30% of their rated capacity; or
- ~~the battery(ies) at a state of charge not exceeding 30% of their rated capacity; or~~ an indicated battery capacity not exceeding 25%.

(b) .....

**PACKING INSTRUCTION 966**

This instruction applies to lithium ion or lithium polymer cells and batteries packed with equipment UN3481 on passenger and cargo aircraft and Cargo Aircraft Only.

For the purposes of this packing instruction “equipment” means....

.....

A single cell battery as defined in Part III, sub-section 38.3.2.3 of the UN Manual of Tests and Criteria is considered a “cell” and must be transported according to the requirements for “cells” for the purpose of this packing instruction.

**Note:**

A **lithium** battery guidance document is available at the following link - <https://www.iata.org/lithiumbatteries>

**Additional Requirements—Section II**

Cells and/or batteries must:

- be completely enclosed in inner packagings then placed in a strong rigid outer packagings that conforms to 5.0.2.4, 5.0.2.6.1 and 5.0.2.12.1 then placed with equipment in a strong rigid outer packaging; or
- be completely enclosed in inner packagings then placed with equipment in a strong rigid outer packaging that conforms to 5.0.2.4, 5.0.2.6.1 and 5.0.2.12.1.

**PACKING INSTRUCTION 967**

This instruction applies to lithium ion or lithium polymer cells and batteries contained in equipment (UN 3481) on passenger and cargo aircraft and Cargo Aircraft Only.

For the purposes of this packing instruction “equipment” means....

.....



**ADDENDUM**

---

A single cell battery as defined in Part III, sub-section 38.3.2.3 of the UN Manual of Tests and Criteria is considered a “cell” and must be transported according to the requirements for “cells” for the purpose of this packing instruction.

**Note:**

A **lithium** battery guidance document is available at the following link - <https://www.iata.org/lithiumbatteries>

**Additional Requirements–Section II**

.....

A Shipper's Declaration for Dangerous Goods is not required.

Where a consignment includes packages bearing the **lithium** battery mark, the words “Lithium ion batteries in compliance.....

**PACKING INSTRUCTION 968**

This instruction applies to lithium metal or lithium alloy cells and batteries (UN 3090) on Cargo Aircraft Only.

The general requirements apply to all lithium metal batteries.....

.....

A single cell battery as defined in Part III, sub-section 38.3.2.3 of the UN Manual of Tests and Criteria is considered a “cell” and must be transported according to the requirements for “cells” for the purpose of this packing instruction.

**Note:**

A **lithium** battery guidance document is available at the following link - <https://www.iata.org/lithiumbatteries>

**PACKING INSTRUCTION 969**

This instruction applies to lithium metal or lithium alloy cells and batteries packed with equipment (UN 3091) on passenger and cargo aircraft and Cargo Aircraft Only.

For the purposes of this packing instruction “equipment” means.....

A single cell battery as defined in Part III, sub-section 38.3.2.3 of the UN Manual of Tests and Criteria is considered a “cell” and must be transported according to the requirements for “cells” for the purpose of this packing instruction.

**Note:**

A **lithium** battery guidance document is available at the following link - <https://www.iata.org/lithiumbatteries>

**PACKING INSTRUCTION 970**

This instruction applies to lithium metal or lithium alloy cells and batteries contained in equipment (UN 3091) on passenger and cargo aircraft and Cargo Aircraft Only.

For the purposes of this packing instruction “equipment” means the device or apparatus for which the lithium cells or batteries will provide electrical power for its operation.

The general requirements apply to all lithium metal and.....

.....

A single cell battery as defined in Part III, sub-section 38.3.2.3 of the UN Manual of Tests and Criteria is considered a “cell” and must be transported according to the requirements for “cells” for the purpose of this packing instruction.

**Note:**

A **lithium** battery guidance document is available at the following link - <https://www.iata.org/lithiumbatteries>



**ADDENDUM**

**Additional Requirements—Section II**

.....

A Shipper's Declaration for Dangerous Goods is not required.

Where a consignment includes packages bearing the **lithium** battery mark, the words "Lithium ion batteries in compliance....."

**PACKING INSTRUCTION 977**

This instruction applies to sodium ion cells and batteries packed with equipment (UN 3552) on passenger and cargo aircraft and Cargo....

.....

**Additional Requirements—Section II**

Cells and/or batteries must:

- be completely enclosed in **inner packagings then placed in a strong rigid outer packagings** that conforms to 5.0.2.4, 5.0.2.6.1 and 5.0.2.12.1 **then placed with equipment in a strong rigid outer packaging;** or
- be completely enclosed in inner packagings then placed with equipment in a strong rigid outer packaging that conforms to 5.0.2.4, 5.0.2.6.1 and 5.0.2.12.1.

**Section 6**

Amend the table under 6.2.4.1 as shown:

**6.4.2.4.1** The following standards apply to the periodic inspection and testing of UN cylinders:

Reference	Title	Applicable for manufacture
ISO 6406:2005	Seamless steel gas cylinders—Periodic inspection and testing.	Until 31 December 2024
ISO 18119:2018	Gas cylinders — Seamless steel and seamless aluminium-alloy gas cylinders and tubes — Periodic inspection and testing.	Until 31 December 2026
ISO 18119:2018 + Amd 1:2021	Gas cylinders — Seamless steel and seamless aluminium-alloy gas cylinders and tubes — Periodic inspection and testing.	Until <b>31 December 2024 further notice</b>
ISO 10460:2005	Gas cylinders—Welded carbon-steel gas cylinders—Periodic inspection and testing. <b>Note:</b> <i>The repair of welds described in clause 12.1 of this standard must not be permitted. Repairs described in clause 12.2 require the approval of the appropriate national authority which approved the periodic inspection and test body in accordance with 6.4.2.6.</i>	Until 31 December 2024

**Section 7**

Amend subsection 7.2.3.9.1 as shown:

**7.2.3.9.1** For Class 9 materials, the package must bear the Class 9, "Miscellaneous Dangerous Goods" label (Figure 7.3.W), or for lithium batteries **and sodium ion batteries**, the "**Lithium Batteries or Sodium Ion Batteries lithium batteries**" label (Figure 7.3.X) as required in the List of Dangerous Goods. When the package contains magnetized material, the "Miscellaneous Dangerous Goods" label must be replaced by the "Magnetized Material" label.



**ADDENDUM**

**Section 8**

Amend the following subsections as shown:

**8.0.1.2** The following articles or substances do not require a “Shipper's Declaration for Dangerous Goods”:

- UN 3164, Articles, pressurized, hydraulic (see Packing Instruction 208(a);
- .....
- UN 3245, Genetically modified organisms, Genetically modified microorganisms (see Packing Instruction 959);
- Lithium ion, ~~or~~ lithium metal ~~or sodium ion~~ cells or batteries meeting the provisions of Section II of Packing Instructions 966, 967, ~~969, or 970, 977 or 978;~~
- UN 2807, Magnetized material (see Packing Instruction 953);
- Radioactive material, excepted packages (RRE) (see 10.5.8);

**8.1.1 Specification for Declaration Form**

**8.1.1.1 Format and Language**

Pre-printed declaration forms must be printed in the same format, except as provided hereafter and show the same wording in English, as one of the specimen declaration forms referred to in 8.1.7. Additionally, if required, the wording in English may be supplemented by an accurate printed translation in another language. The spacing of columns and boxes, if any, appearing in the “Nature and Quantity of Dangerous Goods” box and delineated by ~~dotted~~ lines may be changed to accommodate shipper's requirements.

Completed Shipper's Declaration forms.....

**Section 9**

Amend Table 9.1.A as shown:

**Table 9.1.A**  
**Applicable Acceptance Procedures Summary (9.1.3.3)**

Battery Mark (7.1.5.5)							
Statement on the air waybill, when air waybill used (8.2.3, 8.2.5 or applicable PI)							
Provision of information to pilot-in-command (NOTOC) 9.5.1.1							
Identification of Unit Load Device - ULD (9.3.8)							
IATA Shipper's Declaration for Dangerous Goods (8.1)							
Formal Acceptance and Acceptance Checklist (9.1.2 & 9.1.3)							
UN No	Proper shipping name and/or description						
...							
UN 2910	Radioactive material, excepted package - limited quantity of material	NO	NO	NO	NO	YES	N/A
UN 3552	Sodium ion batteries contained in equipment with organic electrolyte, in compliance with Section II of Packing Instruction 978	NO	NO	NO	NO	YES	YES
<input type="checkbox"/> UN 3552	Sodium ion batteries contained in equipment with organic electrolyte, in compliance with Section II of Packing Instruction 978 with no more than 4 cells or 2 batteries installed in equipment	NO	NO	NO	NO	NO	NO
UN 3552	Sodium ion batteries packed with equipment with organic electrolyte, in compliance with Section II of Packing Instruction 977	NO	NO	NO	NO	YES	YES
<input type="checkbox"/> UN 3481	Button/coin cell batteries installed in equipment (may include more than 4 cells) in compliance with section II of Packing Instructions 967, 970 and 978	NO	NO	NO	NO	NO	NO
UN 3091							
UN 3552							



**ADDENDUM**

Amend the following subsections as shown:

**9.1.4 Acceptance of Freight Containers and Unit Load Devices**

**9.1.4.1** An operator must not accept from a shipper a unit load device or a freight container containing dangerous goods other than;

- (a) a freight container for radioactive material (see Appendix A);
- (b) ID 8000, .....
- .....
- (f) UN 3245, Genetically modified organisms, Genetically modified microorganisms prepared according to Packing Instruction 959;
- (g) Lithium ion, or lithium metal, or sodium ion cells and batteries meeting the provisions of Section II of Packing Instructions 966, 967, 969, 970, 977 and 978;
- (h) .....

**Table 9.3.A Segregation of Packages (9.3.2)**

.....

**Notes:**

1. An “x” at the intersection of a row and a column indicates that packages containing these classes/divisions of dangerous goods must be segregated. A “—” at the intersection of a row and a column indicates that packages containing these classes/divisions of dangerous goods do not require segregation.
2. Divisions 1.4S and Classes 6, 7 and 9 (other than lithium and sodium ion batteries, see 9.3.2.1.3) are not included in Table 9.3.A as they do not require segregation from other classes of dangerous goods.

**9.5.1 Pilot-in-Command**

**9.5.1.1 Notification to Captain**

**9.5.1.1.5** For UN 3480 (Lithium ion batteries), and UN 3090 (lithium metal batteries) and UN 3551 (Sodium ion batteries), the information required by 9.5.1.1.3 may be replaced by the UN number, proper shipping name, class, total quantity at each loading location, the aerodrome at which the package(s) is to be unloaded and whether the package must be carried on a cargo aircraft only. UN 3480 (Lithium ion batteries), UN 3090 (lithium metal batteries) and UN 3551 (Sodium ion batteries) carried under a State exemption must meet all of the requirements in 9.5.1.1.3.

**Appendix A**

Amend the following definition as shown:

**INDICATED BATTERY CAPACITY** Vehicle's Vehicle or equipment's indicated range or the remaining usable battery capacity that the user sees shown via a display gauge or indicator lights.

**Appendix D.1**

Amend following authority contact information for dangerous goods as shown:

**Chile (RCH)**

Advisor  
AVSEC  
Direccion General De Aeronautica Civil  
DGAC-Clasificador 3  
Correa 9  
Providencia - Santiago  
CHILE



**ADDENDUM**

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Tel: +56 (2) 2439 2355 +56 (9) 9549 9265  
Fax: +56 (2) 2436 8137 +56 (2) 2290 4786  
email: [ecerda@dgac.gob.cl](mailto:ecerda@dgac.gob.cl) [rmachuca@dgac.gob.cl](mailto:rmachuca@dgac.gob.cl)  
Website: [www.dgac.gob.cl](http://www.dgac.gob.cl)

**Kenya (EAK)**

Head of Flight Operations  
Kenya Civil Aviation Authority (KCAA) Civil Aviation Authority  
Senior Flight Operations Inspector – Dangerous Goods  
Aviation House, JKIA  
P.O. Box 30163-00100  
Nairobi  
KENYA  
Tel: +254 20 827 470 +254 020 827 470 Ext. 2307  
Tel: +254 722 625 700 +254 709 725 000  
Fax: +254 20 822 300 +254 020 682 7808  
email: [rkingori@kcaa.or.ke](mailto:rkingori@kcaa.or.ke) [safety@kcaa.or.ke](mailto:safety@kcaa.or.ke)  
Website: [www.https://kcaa.or.ke](https://kcaa.or.ke)

**Kosovo (KOS)**

Civil Aviation Authority of Kosovo (CAAK)  
Arbëria District Zejnel Salihu Street No.22  
Ahmet Krasniqi St.  
10 000 Pristina  
KOSOVO  
Tel: +381 (0) 38 248 629 +383 38 200 74278  
Fax: +381 (0) 38 211 009  
Email: [infocaa@caa-ks.org](mailto:infocaa@caa-ks.org) [dg@caa-ks.org](mailto:dg@caa-ks.org)  
Website: [www.caa-ks.org](http://www.caa-ks.org) <https://caa.rks-gov.net>

**Appendix D.2**

Amend following authority contact information for radioactive materials as shown:

**Kenya (EAK)**

Kenya Nuclear Regulatory Authority  
Kasneb Towers II,  
9th floor, Off Hospital Road,  
Upper Hill  
P.O. BOX 19841 – 00202  
Nairobi,  
Kenya  
Tel: +254 769 545 288  
Email: [info@knra.co.ke](mailto:info@knra.co.ke)  
Website: <https://knra.co.ke/>

Ministry of Health  
Radiation Protection Board  
P.O. Box 19841  
00202 Nairobi  
KENYA  
Tel: Fax: +254 (20) 271 4558; 271 4397  
Tel: Fax: +254 (20) 271 4383  
Fax: Telex: 22272  
Tel: Fax: Cable: MINHEALTH NAIROBI  
email: [rpbkenya@nbnet.co.ke](mailto:rpbkenya@nbnet.co.ke)





**ADDENDUM**

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After **Democratic People's Republic of Korea (KPG)** insert new contact details for **Kosovo (KOS)**

□ **Kosovo (KOS)**

Office of the Prime Minister  
Kosovo Agency for Radiation Protection and Nuclear Safety  
Johan V Hahn Street No. 11  
10 000 Pristina  
KOSOVO  
Tel: +383 38 200 14519  
Email: [akmrrsb@rks-gov.net](mailto:akmrrsb@rks-gov.net)  
Website: <https://akmrrsb.rks-gov.net>