

KINOSHITA AVIATION CONSULTANTS

Website: <http://www.airtransport-tozai.com>

第 64 版 危険物規則書 Addendum I (2022 年 12 月 15 日)

IATA から第 64 版危険物規則書に第一回目のアデンダム (Addendum 1) を送って来ましたので、規則書の修正をお願い致します。修正個所を記した Addendum 1 は 2023 年 1 月 1 日から有効になります。



IATA Dangerous Goods Regulations

64th Edition (English)
Effective 1 January 2023

ADDENDUM

Posted 15 December 2022

Users of the IATA Dangerous Goods Regulations are asked to note the following amendments and corrections to the 64th Edition, effective from 1 January 2023.

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

New or Amended State Variations (Section 2.8.2)

Amend CHG (Switzerland)

CHG-03 According to the “Radiological Protection Ordinance”, transport within, as well as into and out of Switzerland does not require a prior authorization for the following UN numbers: 2908, 2909, 2910, 2911, 2912, 2913, 2915, 2916, 2978, 3321, 3332 and 3507. Prior authorizations for transport of class 7 substances under other UN numbers are issued by the:

Federal Office of Public Health
Radiation Protection Division
13003 Berne, Switzerland
Telephone: +4 58 462 96 14
Fax: +41 58462 83 83

For further information, please contact the surveillance authority:

SUVA
6002 Lucerne, Switzerland
Telephone: +41 41 419 58 51
Fax: +41 41 419 62 13

(See 10.8.3.9.4, 10.10.2)

New or Amended Operator Variations (Section 2.8.4)

In 2.8.3.4 List,

After Turkish Airlines

Add: Uganda Airlines

UR

Amend NO (Neos SpA)

NO-01 Lithium ion and lithium metal cells and batteries (UN 3480 and UN 3090, Section IA and Section IB of PI 965 and PI 968, ~~and UN 3481 and UN 3091 Section I and Section II of PI 966, PI 967, PI 969 and PI 970~~), 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, Section I and Section II of PI 966, PI 967, PI 969 and PI 970~~ Lithium battery powered temperature loggers for pharmaceutical shipments are permitted with prior approval from email:

E-mail: simone.bovi@neosair.it

Amend **O3 (SF Airlines)**

O3-02 Dangerous goods shipments transported by SF Airlines will only be accepted when prepared in accordance with the applicable regulations and requirements of the state of origin, transit and destination.

~~All dangerous goods Except for PI 965–970 Section II lithium battery and dry ice transported, other dangerous goods~~ shall be declared to SF Airlines and be replied in 7 working days before transportation.

Tel: +86-0755-23450551

email: aoc_hyddx@sfmail.sf-express.com

email: ssthys@sfmail.sf-express.com

O3-03 Sufficient absorbent material to absorb the contents of all inner packaging^s must be used for combination packaging containing corrosive liquids in Packing Groups I, II and III.

Add new:

O3-04 In instances where the application of lithium battery mark is not required as per the exceptions in Section II of PI 967 and PI 970, the lithium battery mark shall still be applied when the shipment is to be transported by SF Airlines.

Amend **QF (Qantas Airways)**

QF-02 Division 4.1 Flammable Solids. Passengers and crew are not permitted to bring book matches onto aircraft for personal use. Book matches are only allowed as correctly packed and declared dangerous goods consignments (see **2.3.5.5 2.3.5.6**).

Amend **QR (Qatar Airways)**

QR-04 The following will not be accepted for carriage on Qatar Airways passenger flights:

1. UN 3091—lithium metal batteries contained in equipment;
2. UN 3091—lithium metal batteries packed with equipment.

The above include both Section I (fully regulated) and Section II (excepted) (see **PI 969-970**).

Lithium battery powered temperature loggers are permitted with prior approval from

Email: qrdg@qatarairways.com.qa

~~The above restrictions are not applicable to QR Technical Supplies (COMAT) shipments.~~

Amend **SU (Aeroflot)**

~~**SU-04** Cargo agents as well as freight forwarders accepting or processing dangerous goods for transport by air must ensure that they have IATA Category 6, dangerous goods certified staff available to handle such consignments. **Not used.**~~

Add new:

UR (Uganda Airlines)

UR-01 Only explosives of Division 1.4S are acceptable for carriage and only with prior approval from Uganda Airlines (see **Packing Instructions 101 – 143**).

UR-02 Class 7 – radioactive material of any kind will not be accepted for carriage (see **10.10.2**).

UR-03 Airmail containing dangerous goods is not accepted for carriage (see **2.4 and 10.2.2**).

UR-04 Dangerous goods in consolidations will not be accepted for carriage, except for:

1. consolidations having one master air waybill with one house airwaybill; or
2. consolidations having one master air waybill with more than one house air waybill(s) containing:
 - UN 1845, Carbon dioxide, solid (Dry ice) when used as a refrigerant for non-dangerous goods consignments;
 - ID 8000 Consumer commodity;
 - UN 3481/UN3091 Lithium ion/metal batteries in compliance with Section II of packing instructions 966, 967, 969 and 970.

UR-05 Toxic gases (division 2.3) and toxic substances of Division 6.1, Packing Group I, that are toxic by inhalation, will not be accepted for carriage.

UR-06 Salvage packagings will not be accepted for carriage (**see 5.0.1.6, 6.0.6, 6.7, 7.1.4, 7.2.3.10**).

UR-07 Small lithium battery powered vehicles are prohibited as carry-on or checked in baggage. This prohibition applies but is not limited to air wheels, solo wheels, balance wheels and hover boards.

Amend **WY (Oman Air)**

~~**WY-03** Class 7 Radioactive materials in any form will not be accepted for carriage.~~ **Not used.**

~~**WY-04** Dangerous goods in Limited Quantities will not be accepted for carriage (**see 2.7 and all "Y" Packing Instructions**) except for ID 8000, Consumer Commodity and UN 1266, Perfumery Products with Flammable Solvents.~~ **Not used.**

~~**WY-05** Dangerous Goods in Excepted Quantities will be accepted for carriage only with prior approval as per WY-01.~~ **Not used.**

Amend **XL (LAN Ecuador)**

Add new:

XL-12 Consignments of UN 3090, Lithium metal batteries, prepared in accordance with Section IA and IB of PI 968 must not have total net weight greater than 140 kg and any overpack must not have a total net weight greater than 70 kg.

Section 3

Page 180, revise the note in 3.6.1.1 as shown:

3.6.1.1 Definition

Division 6.1 Toxic substances are substances which are liable to cause death or injury or to harm human health if swallowed, inhaled or contacted by the skin.

Note:

*Toxins from plant, animal or bacterial sources which do not contain any infectious substances or toxins that are contained in substances which are not infectious substances should be considered for classification in Division 6.1 and assignment to UN 3172 **or UN 3462**.*

Section 4

Table 4.2, amend entries as shown below:

UN/ ID no.	Proper Shipping Name/Description	Class or Div. (Sub Hazard)	Hazard Label(s)	PG	EQ see 2.6	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
1950	Aerosols, flammable, containing substances in Division 6.1, Packing Group III and substances in Class 8, Packing Group III	2.1 (6.1, 8)	Flamm. Gas & Toxic & Corrosive		E0	Y203	30 kg G	203	75 kg	203	150 kg	A145 A167 A802	10C P
...													
2249	Dichlorodimethyl ether, symmetrical	6.1 (3)		I			Forbidden	Forbidden		Forbidden			6 FL
...													

4.4 Special Provisions

Page 414, Amend Special Provision A111, as follows:

A111 Oxygen generators, chemical, which have passed their expiration date, are unserviceable, or which have been used are forbidden for transport when they have passed their expiration date, have been used or are unserviceable.

Section 5

Page 467, amend Packing Instruction Y203 as shown below:

PACKING INSTRUCTION Y203

This instruction applies to Limited Quantities of aerosols and UN 2037.

The General Packing Requirements of Subsection 2.7.5, 5.0.2 to 5.0.4 (with the exception of 5.0.2.3, 5.0.2.5 and 5.0.2.14.2) must be met except that the packagings do not have to meet the marking and testing requirements of 6.0.4 and Subsection 6.3. Packagings must meet the construction criteria specified in Subsections 6.1 and 6.2 and the test criteria specified in Subsection 6.6.

The requirements of Subsection 2.7 must be met.

For the purposes of this packing instruction, a receptacle is considered to be an inner packaging.

Note:

“Receptacle” has the same meaning as set out in Appendix A. Any reference in this packing instruction to receptacle will include “aerosols” of UN 1950 and “receptacles, small, containing gas” and “gas cartridges” of UN 2037.

Aerosols and receptacles, small containing gas (gas cartridges) must meet the requirements of 6.4.4.

The capacity of metal receptacles must not exceed 1,000 mL; plastic receptacles must not exceed 500 mL.

Non-refillable metal aerosols and non-refillable receptacles containing gas (gas cartridges) containing toxic substances must not exceed 120 mL capacity.

UN Number	Total weight per package
UN 1950, Aerosols, flammable	30 kg G
UN 1950, Aerosols, non-flammable	30 kg G
UN 2037, Gas cartridges or Receptacles, small, containing gas	1 kg

Additional Packing Requirements

...

Page 647, amend Packing Instruction 970 as follows:

PACKING INSTRUCTION 970

Introduction

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.

...

Additional Requirements—Section II

The equipment must be packed in strong rigid outer packagings that conform to 5.0.2.4, 5.0.2.6.1 and 5.0.2.12.1. Large equipment can be offered for transport unpackaged or on pallets when the cells or batteries are afforded equivalent protection by the equipment in which they are contained.

The equipment containing the cells or batteries must be secured against movement within the outer packaging and must be equipped with an effective means of preventing accidental activation.

...

Section 8

8.1.6.9 Nature and Quantity of Dangerous Goods

Page 741, revise 8.1.6.9.1 as shown:

8.1.6.9.1 First Sequence—Identification

The Shipper's Declaration must contain the following information for each substance or article described. The information must be in the order shown with no information interspersed except as provided by these Regulations:

...

Step 5. The applicable packing group (Column E) for the substance or article which may be preceded by “PG” (e.g. “PG II”). For chemical kits and/or first aid kits the most stringent packing group assigned to any individual sub-stance contained in the kit. For samples transported under the provision of 3.11, the most stringent packing possible for the proper shipping name must be assigned (see 3.11.1).

Notes Note:

1. *Regardless of a package being required to meet a higher packing group performance standard as indicated in Special Provisions A802, A803 and A804, for the purposes of identification and documentation the packing group as shown in Table 4.2 applies and is to be used in the completion of the Shipper's Declaration.*
2. Until 31 March 2023, shippers may continue to use UN 1169, **Extracts, aromatic, liquid** and UN 1197, **Extracts, flavouring, liquid** as shown in the 63rd Edition of these Regulations. In that instance, the Shipper's Declaration must indicate the UN number, proper shipping name and packing instruction number in effect in the 63rd Edition of these Regulations. The marks applied to packages, and overpacks, when applicable, must be consistent with the information shown on the Shipper's Declaration.

Examples of this dangerous goods description are:

- UN 2683, Ammonium sulphide solution, 8 (3, 6.1), II
- UN 2683, Ammonium sulphide solution, Class 8 (Class 3, Division 6.1), PG II

Appendix D.1

Page 917, amend contact details for Iceland (IS) as follows:

Iceland (IS)

Operations Inspector
Flight Operations and Licensing Section
Ármúli 2
108 Reykjavík
ICELAND
Tel: +354 480 6146
Email: dangerousgoods@icetra.is
Website: <https://www.icetra.is>

Dangerous Goods Inspector
Icelandic Transport Authority
Ármúli 2
108 Reykjavík
ICELAND
Tel: +354 480 6000
Email: icetra@icetra.is
Website: www.icetra.is

Page 927, amend contact details for Thailand (T) as follows:

Thailand (T)

Head of Dangerous Goods Standards Division
Flight Operation Standards Department
The Civil Aviation Authority of Thailand (CAAT)
333/105 Laksi Plaza (Tower 2)
Khampaeng Phet 6 Rd.
Talat Bang Khen, Laksi, Bangkok
THAILAND
Tel: +662 568 8800 ext 8838
Email: ops_dg@caat.or.th
Website: <https://www.caat.or.th>

Aviation Safety Inspector
Department of Civil Aviation (DCA)
71 Soi Ngarmduplee
Ram 2 IV Road
Thung Mahamek, Sathorn
Bangkok, 10120
THAILAND
Tel: +66 819092090
——+66 819092090
——+66 22873547
Email: S_MAPOL@hotmail.com

Checklist

Amend statement 20 on the Dangerous Goods Checklist for a Non-radioactive Shipment as follows:

**2023
DANGEROUS GOODS CHECKLIST FOR A NON-RADIOACTIVE SHIPMENT**

...

Authorizations

20. Check all verifiable special provisions. The Special Provision Number A1, A2, A4, A5, A51, A81, A88, A99, A130, **A176**, A190, A191, A201, A202, A211, A212, **A224, A225**, A331 if used [8.1.6.9.4, Step 9].....