



## IATA Dangerous Goods Regulations

46<sup>th</sup> Edition (English)  
Effective 1 January 2005

**ADDENDUM**  
Posted January 2005

Users of the IATA Dangerous Goods Regulations are asked to note the following amendments and corrections to the 46<sup>th</sup> Edition, effective from 1 January 2005.

Wherever possible, change 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 2.9.2)**

Amend **BEG (Belgium)**

**BEG-03** Add:

**UN 3317 – 2-Amino-4,6-dinitrophenol, wetted with 20% or more water by mass [416, 412]**

Amend **CAG (Canada)**

**CAG-20** Add a Note as follows:

**Note:** Transport Canada has issued a "Permit for Equivalent Level of Safety" allowing the use of the format of the Shipper's Declaration for Dangerous Goods as shown in the 46<sup>th</sup> Edition of the DGR until such time as Subsection 12.2(b) of the Transport of Dangerous Goods Regulations (TDGR) has been amended.

### **New or Amended Operator Variations (Section 2.9.4)**

New **GA (Garuda Indonesia)**

**GA-03** Dangerous goods in Limited Quantities ("Y" packing instructions) will not be accepted for carriage.

New **KJ (British Mediterranean Airways)**

**KJ-06** Primary (non-rechargeable) lithium batteries are PROHIBITED from carriage on all British Mediterranean Airways aircraft. The prohibition applies to:

- Equipment containing large (in excess of 25 g net of lithium) non-rechargeable lithium batteries;
- Primary non-rechargeable lithium batteries transported as cargo;
- Vehicles, machinery and equipment (e.g. cars, lawn mowers etc.) powered by primary (non-rechargeable) lithium batteries, and being transported with the batteries installed.

The prohibition does not apply to:

- Secondary (rechargeable) lithium and lithium-ion batteries;
- Lithium (non and rechargeable) batteries or devices (laptops, games etc) carried by passengers for their own use and in their carry-on or checked baggage;
- Shipments of articles, equipment and devices, which contain primary (non-rechargeable) lithium batteries.

### New **MS (Egyptair)**

**MS-01** The transport of dangerous goods on Egyptair must comply with the following:

1. The name, address and telephone number of the consignee must be written in full on the air waybill and on the package(s);
2. The shipper of and dangerous goods must provide a written undertaking to re-ship the consignment at the shipper's cost and risk if the consignment is not cleared, or received by the consignee, within fifteen (15) working days from the arrival of the consignment.

**MS-02** Dangerous goods in excepted quantities originating in Egypt will not be accepted.

**MS-03** Infected animals, dead or alive, will not be accepted.

### Amend **TK (Turkish Airlines)**

**TK-02** Emergency Response:

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 "Handling Information" box of the DGD and also outside of the package, preferably.

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

**TK-03** Dangerous goods in consolidations will not be accepted for carriage except for the following shipments:

- Consolidated shipments / consolidations containing Carbon dioxide, solid (dry ice) when used as a refrigerant;
- One master air waybill with one house air waybill;
- One master air waybill with more than one house air waybill, which have the same shipper and different consignees.

**TK-04** Booking and confirmation are required for all dangerous goods shipments as defined in these regulations (see 1.2, 1.3, 1.4 and 9.1).

Turkish Cargo Reservation Department:

Tel: +90 212 663 6300 ext: 5399

Fax: +90 212 663 6354

**TK-05** Single packaging containing liquid is not acceptable for carriage unless over packed with, for example, a suitably sized wooden pallet to protect the base of the packing (see all packing instructions for single packaging of liquids).

**TK-06** All dangerous goods classes and radioactive materials will not be accepted in airmail.

**TK-07** In addition to the Shipper's Declaration for Dangerous Goods, all shipments containing dangerous goods must be accompanied by its respective Material Safety Data Sheet which must include at least:

- a) The description of the dangerous goods.
- b) Immediate hazards to health.
- c) Risks of fire or explosion.
- d) Immediate precautions to be taken in the event of an accident or an incident.
- e) Immediate methods for handling fire.
- f) Initial methods for handling spills or leaks in the absence of a fire.
- g) Preliminary first aid measures.

**(see 8.0.1, 8.0.2 and 8.1.2)**

## **Section 2**

Pg. 12 – 2.3.2.2: Amend Heading by deleting word “Sporting”.

Pg. 14 – Table 2.3.A: **Ammunition (cartridges for weapons)** second line should read: “UN 0014 only), in quantities **less than not exceeding** 5 kg (11 lb) gross weight per person for that person’s”

## **Section 3**

Pg. 79 – 3.2.5.2. Amend 3.2.5.2.1 and 3.2.5.2.2 as shown:

**3.2.5.2.1** An aerosol must be assigned to Division 2.1 if the contents include 85% by weight or more of flammable components and the chemical heat of **distribution combustion** is 30 kJ/g or more.

**3.2.5.2.2** An aerosol must be assigned to Division 2.2 if the contents **include contain** 1% by weight or less of flammable components and the **chemical** heat of **distribution combustion** is less than 20 kJ/g.

Pg. 87 – 3.5.1.3 Solid Oxidisers, text deleted in error. Insert the text as shown in the 45<sup>th</sup> edition.

## **Section 4**

Pg. 192 – 4.2: Change UN 3468 to read “Hydrogen in metal **hydride** storage system”

Pg. 214 – 4.2: Change UN 2557 entries to read:

**Nitrocellulose mixture without plasticizer, without pigment** with 12.6% or less nitrogen, by dry weight

**Nitrocellulose mixture without plasticizer, with pigment** with 12.6% or less nitrogen, by dry weight

**Nitrocellulose mixture with plasticizer, without pigment** with 12.6% or less nitrogen, by dry weight

**Nitrocellulose mixture with plasticizer, with pigment** with 12.6% or less nitrogen, by dry weight

Delete last entry of UN 2557.

Pp. 295 & 298. Subsection 4.4: In Special Provisions A9, A58 and A59 delete the following paragraph:

~~“The words “Not Restricted” and the Special Provision number must be included in the description of the substance on the Air Waybill as required by 8.2.6.”~~

Pg. 296 – 4.4: Special Provision A20, second Note, amend to read:

➤ **2.** Packages **should must** have the “Keep Away From Heat” handling label affixed (see 7.2.4.5 and Figure 7.4.F).

## **Section 5** (PI = Packing Instruction)

Pg. 360 – PI 409: In the Inner Packagings table add the following entry:

Desc.	Glass, Earthen-ware	Metal (not aluminium)	Glass ampoule	PPR (see below)
<b>UN 1389</b>	<b>1.0</b>	<b>1.0</b>	<b>0.5</b>	<b>5, 13</b>

Pg. 425 – PI 605: Amend line after Operator Variations to read:

This instruction applies to toxic liquids in Packing Group I on **passenger and cargo aircraft and CAO** and in Packing Group III on passenger and cargo aircraft.

Pg. 445 – PI 616: Amend the Inner Packagings table as follows:

Desc.	Glass, Earthen-ware	Plastic	Metal (not aluminium)	Aluminium	Glass ampoule	PPR (see below)
UN 1751	2.5	5.0	5.0	F	0.5	5
UN 2730	5.0	10.0	10.0	10.0	0.5	
UN 3458	5.0	10.0	10.0	10.0	0.5	

Amend the Single Packagings table as follows:

Type	Drums			Jerricans		Composites	PPR (see below)
	Steel	Aluminium	Plastic	Steel	Plastic	Plastic	
UN 1751	√	F	√	√	√	√	5
UN 2730	√	√	√	√	√	√	
UN 3458	√	√	√	√	√	√	

Pg. 446 – PI Y616: In the Inner Packagings table, delete row “UN 2730”.

Pg. 455 – PI 650: Amend paragraph following last set of bullet points as follows:

“Passengers and crew members are prohibited from transporting infectious substances **either** as or in carry-on baggage, **checked baggage** or on their person.”

Pg. 502 – PI 904: Revise bullet points as follows:

- proper shipping name (**Dry ice** or **Carbon dioxide, solid**);
- UN 1845;
- **Class 9**;
- the number of packages; and
- the net quantity of dry ice in each package.

Pg. 520 – PI 918: Amend line after Operator Variations to read:

This instruction applies to UN 3091, Lithium batteries packed **in with** equipment on passenger and cargo aircraft and CAO. It applies to cells and batteries containing lithium in any form, including lithium polymer and lithium ion cells and batteries, when packed **in with** equipment.

## **Section 8**

Pg. 595 – Figure 8.1.D: In the Nature and quantity of Dangerous Goods section of the example, add “Class or Division” above “(Subsidiary Risk)” in 3<sup>rd</sup> column.

Pg. 596 – Figure 8.1.E: Amend second item of dangerous goods as follows:

UN3226, Self-reactive solid type D (Benzenesulphonyl hydrazide), Div. 4.1  
1 Fibreboard box x 10 kg  
**420430**

Amend last two items of dangerous goods as follows:

UN3166, Vehicle, flammable liquid powered, 9 // **1 vehicle 1350 kg** // 900  
**UN31663316**, Chemical kits, 9, II // 1 Fibreboard box x 3 kg // 915

Pg. 597 – Figure 8.1.F: Amend items as follows:

Packing Instruction for UN 3226 to read “**430**”.  
Quantity and type of packing for UN3166 to read “**1 vehicle 1350 kg**”

Pg. 598 – Figure 8.1.G: Amend information in Nature and Quantity of Goods to read:

Paint related material, **Class 3, UN 1263, PG II** // 2 Fibreboard boxes x 4 L // 305  
Ethylamine aqueous solution, 3(8), **UN2270, II**  
4 Fibreboard boxes x 1L  
306

Pg. 601 – Figure 8.1.L: Amend last two items of dangerous goods as follows:

UN1950	Aerosols, flammable	2.1		<b>1 Fibreboard box x 5 kg</b>	203	
UN1992	Flammable liquid, toxic, n.o.s. (Petrol, Carbon tetrachloride mixture)	<b>3(6.1)</b>	III	<b>1 Fibreboard box x 1 L</b>	Y309	LTD. QTY.

Pg. 603 – Figure 8.1.N: After the line “100 Fibreboard boxes x 0.3 kg” add:

**Overpack used x 3**

### **Appendix F.2**

Pg. 779 – Add new entry as follows:

#### **CHINA, PEOPLES REPUBLIC**

Hazardous Products Central Laboratory  
General Administration of Quality Supervision  
Inspection and Quarantine of the P.R. China  
No. 6 Pukoudao Road, Hexi District  
Tainjin 300042  
PEOPLES REPUBLIC OF CHINA

Tel: +86 (22) 8332 6955  
Fax: +86 (22) 2312 1918  
E-mail: hpcl@aprhpa.org

### **Appendix G.3**

Pg. 796 – Add new entry as follows:

#### **THAILAND**

Thai Airports Ground Services Ltd.  
Cargo Terminal 4  
Bangkok International Airport  
Bangkok  
THAILAND

Tel: +66 (4) 700 1889  
Fax: +66 (2) 535 1987