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2011-2012 Edition  
CORRIGENDUM NO. 1  
31/12/10

**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

**TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT  
OF DANGEROUS GOODS BY AIR**

**2011-2012 EDITION**

**CORRIGENDUM NO. 1**

The attached corrigendum should be incorporated into the 2011-2012 Edition of the Technical Instructions (Doc 9284).

(4 pages)



**TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT  
OF DANGEROUS GOODS BY AIR**

- In the Foreword, page (iii), first paragraph, last line, amend address to read [www.icao.int/store](http://www.icao.int/store).
- In Part 1, Chapter 2, page 1-2-1, paragraph 2.2.1 d), first sentence, *amend* reference to read “8;1.1.2 s”).
- In Part 2, Chapter 4, page 2-4-3, paragraph 4.2.3.1.2 c), *amend* to read “diazonium salts ( $-\text{CN}_2^+\text{Z}^-$ )”;
- In Part 2, Chapter 4, page 2-4-4, Table 2-6, “Diethyleneglycol bis (allyl carbonate) + Di-isopropyl-peroxydicarbonate”, third column, *amend* to read “-10”.
- In Part 2, Chapter 9, page 2-9-1, paragraph 9.2.1 a), *add* “, 15th revised edition,” after “UN Model Regulations”.
- In Part 3, Chapter 1, page 3-1-2, paragraph 1.3, Note, last line, *replace* “(see 2;3.2 and 2;3.5)” with “(see Part 2, Introductory Chapter, paragraphs 3.2 and 3.5)”.
- In Part 3, Chapter 2, Table 3-1, page 3-2-16, **Ammonium nitrate fertilizers**, UN 2071, *add* “III” to column 8.
- In Part 3, Chapter 2, Table 3-1, page 3-2-25, **Aviation regulated liquid, n.o.s.\***, UN 3334, *add* “III” to column 8.
- In Part 3, Chapter 2, Table 3-1, page 3-2-25, **Aviation regulated solid, n.o.s.\***, UN 3335, *add* “III” to column 8.
- In Part 3, Chapter 2, Table 3-1, page 3-2-66, **Cyclohexyl mercaptan**, UN 3054, *replace* “365” in column 12 with “366”.
- In Part 3, Chapter 2, Table 3-1, page 3-2-81, **Dinitrobenzenes, liquid**, UN 1597, *replace* “200 L” in column 13 with “220 L” for Packing Group III.
- In Part 3, Chapter 2, Table 3-1, page 3-2-85, **Dye, liquid, toxic, n.o.s.\***, UN 1602, *add* “Y641” to Column 10 and “1 L” to column 11 for Packing Group II.
- In Part 3, Chapter 2, Table 3-1, page 3-2-85, **Dye, liquid, toxic, n.o.s.\***, UN 1602, *add* “Y642” to Column 10 and “2 L” to column 11 for Packing Group III.
- In Part 3, Chapter 2, Table 3-1, page 3-2-106, **Genetically modified micro-organisms**, UN 3245, *replace* “Miscellaneous” in column 5 with “None”.
- In Part 3, Chapter 2, Table 3-1, page 3-2-106, **Genetically modified organisms**, UN 3245, *replace* “Miscellaneous” in column 5 with “None”.
- In Part 3, Chapter 2, Table 3-1, page 3-2-131, “Malonic ethyl ester nitrile, see **Ethyl cyanoacetate**”, *delete* the entry.
- In Part 3, Chapter 2, Table 3-1, page 3-2-132, **Medicine, solid, toxic, n.o.s.**, UN 3249, *replace* “5 kg” in column 11 with “10 kg” for Y645, Packing Group III.
- In Part 3, Chapter 2, Table 3-1, page 3-2-136, **Metallic substance, water-reactive, n.o.s.\***, UN 3208, *replace* “Y476” in column 10 with “Y477” for Packing Group III.
- In Part 3, Chapter 2, Table 3-1, page 3-2-141, “Methylene-di-(phenylene diisocyanate), see **Diphenylmethane-4,4'-diisocyanate**”, *delete* the entry.
- In Part 3, Chapter 2, Table 3-1, page 3-2-141, “Methylene-di-(4-phenyl isocyanate), see **Diphenylmethane-4,4'-diisocyanate**”, *delete* the entry.
- In Part 3, Chapter 2, Table 3-1, page 3-2-171, **Phenyl chloroformate**, UN 2746, *replace* “60 L” in column 13 with “30 L”.
- In Part 3, Chapter 2, Table 3-1, page 3-2-217, **Toxic solid, corrosive, inorganic, n.o.s.\***, UN 3290, *replace* “25 kg” in column 13 with “15 kg” for Packing Group I.
- In Part 3, Chapter 2, Table 3-1, page 3-2-217, **Toxic solid, corrosive, organic, n.o.s.\***, UN 2928, *replace* “25 kg” in column 13 with “15 kg”, Packing Group I.
- In Part 3, Chapter 4, page 3-4-1, paragraph 4.1.2, *replace* the list of UN numbers next to “Class 9” with “Only UN 1941, UN 1990, UN 2071, UN 3077, UN 3082, UN 3316, UN 3334 and UN 3335”.
- In Part 3, Chapter 4, page 3-4-2, paragraph 4.2.4, *delete* the note.

In Part 4, Chapter 4, page 4-4-11, Packing Instruction 202, "Requirements for open cryogenic receptacles", *add* the following note under paragraph 9:

*Note.— The marking on open cryogenic receptacles will become mandatory with effect from 1 January 2012 for open cryogenic receptacles manufactured after 1 January 2012. The size of the marking must be as set out for cylinders in Part 6;5.2.7.1. Open cryogenic receptacles manufactured prior to 1 January 2012 are not required to be so marked.*

In Part 4, Chapter 4, page 4-4-12, Packing Instruction 203, under "All aerosols", *replace* sub-paragraph b) with: "b) receptacles must be tightly packed, so as to prevent movement in wooden boxes (4C1, 4C2), plywood boxes (4D), reconstituted wood boxes (4F), fibreboard boxes (4G) or plastic boxes (4H1, 4H2) of Packing Group II."

In Part 4, Chapter 6, page 4-6-9, Packing Instruction 454, *add* the following under "ADDITIONAL PACKING REQUIREMENTS FOR COMBINATION PACKAGINGS":

— Each reel must be placed in a tightly closed metal can or strong cardboard or fibreboard inner packaging with cover held in place by adhesive tape or paper.

In Part 4, Chapter 6, page 4-6-31, Packing Instruction 492, "COMBINATION PACKAGINGS" table, UN 3292 **Cells, containing sodium**:

"Total quantity per package — passenger" column, *amend* value to read "25 kg G".

"Total quantity per package — cargo" column, *amend* value to read "No limit".

In Part 4, Chapter 7, page 4-7-4, Packing Instructions 553 – 554, *amend* title to read "Packing Instructions 553 – 555".

In Part 4, Chapter 11, page 4-11-10, Packing Instruction Y956, "COMBINATION PACKAGINGS" table, first column, *add* "UN 3335 **Aviation regulated solid, n.o.s.\***".

In Part 4, Chapter 11, page 4-11-22, Packing Instruction Y964, "COMBINATION PACKAGINGS" table, first column, *add* "UN 3334 **Aviation regulated liquid, n.o.s.\***".

In Part 8, Chapter 1, page 8-1-1, paragraph 1.1.2 c), *replace* "1.1.2 c), h) and k)" with "1.1.2 c), j) and m)".

In Part 8, Chapter 1, page 8-1-2, paragraph 1.1.2 j), *replace* "1.1.2 c), h) and k)" with "1.1.2 c), j) and m)".

In Part 8, Chapter 1, page 8-1-3, paragraph 1.1.2 m), *replace* "1.1.2 c), h) and k)" with "1.1.2 c), j) and m)".

In Attachment 3, Chapter 1, page A3-1-1, paragraph 1.6, *move* "Hong Kong — HK" and "Macao — MO" under "China — CN" and *add* ", Special Administrative Region, China" after both entries.

In Attachment 3, Chapter 1, Table A-1 — State variations, make the following amendments:

Page A3-1-3, "AU — AUSTRALIA", *delete* the "≠" symbol next to AU 3.

Page A3-1-19, *add* "SPECIAL ADMINISTRATIVE REGION, CHINA" after "MO — MACAO".

*Move* "HK — HONG KONG SPECIAL ADMINISTRATIVE REGION, CHINA" and "MO — MACAO SPECIAL ADMINISTRATIVE REGION, CHINA" and their variations after "CN — CHINA" and its variations.

Page A3-1-23, *replace* SA 3 with the following:

SA 3 The name, address and telephone number of the consignee must be written in full on the air waybill for dangerous goods being shipped to any destination in Saudi Arabia.

Page A3-1-23, *add* the following new variations to SA — SAUDI ARABIA:

SA 5 The final destination for radioactive material must be Jeddah, Riyadh or Damman only, except those intended for medical purposes which may be shipped anywhere in Saudi Arabia as long as this intent is indicated on the shipper's declaration.

SA 6 The name, address and telephone number of the consignee must be written in full on each package of dangerous goods being shipped to any destination in Saudi Arabia.

Page A3-2-1, paragraph 2.5, *delete* “bmi — BD”.

Page A3-2-2, paragraph 2.5, *add* “Kingfisher Airlines — IT”.

In Attachment 3, Chapter 2, Table A-2 — Operator variations, the following amendments should be made:

Page A3-2-14, “CV — CARGOLUX AIRLINES”, *amend* to read “CV — CARGOLUX”.

Page A3-2-22, “IG — MERIDIAN”, *amend* to read “IG — MERIDIANA”.

Page A3-2-24, IT-04, *amend* to read “Not used.”

Page A3-2-29, *delete* the “≠” symbol next to KE-01.

Page A3-2-36, *add* a “≠” margin symbol next to LX-02 and LX-04.

Page A3-2-45, OU-04, *add* “, except for ID 8000 — Consumer commodity” to the end of the first sentence.

Page A3-2-46, *replace* OU-16 with the following:

OU-16 Biological substances Category B, UN 3373 (human or animal) will only be accepted from approved Croatia Airlines customers. For additional information, contact the Croatia Airlines Cargo Sales Department.

Page A3-2-53, SV-02, *amend* to read “Not used.”

Page A3-2-53, *replace* SV-09 with the following:

SV-09 Class 7, fissile radioactive material will not be accepted for carriage (see 10.5 of the IATA Dangerous Goods Regulations).

Page A3-2-59, UX-03, first line, *replace* “consolidated packages” with “consolidations”.

Page A3-2-61, *move* “C8 — CARGOLUX ITALIA” and its variations after “CZ — CHINA SOUTHERN”.

In Attachment 4, page A4-13, List of Figures, *add* to the list “Figure 3-2. Excepted quantities mark” and “Figure 6-1. Cylindrical steel rod used for puncture test”.

— END —