

**RECOMMENDATIONS ON THE TRANSPORT
OF DANGEROUS GOODS**
Model Regulations
(Twelfth revised edition)

Corrigendum 2

NOTE: Corrigenda to the Recommendations on the Transport of Dangerous Goods are also made available via INTERNET on the web site of the United Nations Economic Commission for Europe at the following address: http://www.unece.org/trans/danger/publi/unrec/mr_pubdet.html

PART 2

Page 45

2.0.3.3 In the table of precedence of hazards:

- **move** the entries for the Class 3 PGIII row one place to the right, starting with the value in the intersection of row Class 3 PGIII and column 5.1 PGIII.
- **move** the entries for the Division 6.1 rows (PG I, II and III), starting with "6.1 I, Oral", one place to the left, and **add** "6.1" in the now empty last column for the first four rows and "8" in the last one. In the last row replace "88" with "8".

Page 52

2.1.3.1.4 **Insert** the missing sub-paragraph (d) to read:

- "(d) The test assembly, including in particular the nature, quantity and arrangement of the means of initiation or ignition used;"

Page 62

2.3.2.5 In the third indent, **replace** "nitro-cellulose" **with** "nitrocellulose" (twice).

Page 73

2.4.2.3.3.2 (d) (iii) **Place** the sentence "may be accepted for transport...of Figure 2.4.1);" in a new line to make it applicable to the whole subparagraph (d);

Page 82

2.5.2.2.2 c) **Replace** "are" **with** "or" in the second line.

(PTO)

Page 86

2.5.3.2.4 In the table, for the entry "tert-BUTYL PEROXY-2-ETHYLHEXANOATE+2,2-DI-(tert-BUTYLPEROXY)BUTANE)", **replace** "> 14" **with** "≥ 14" in the column under the heading "Diluent type A (%)".

Page 90

2.5.3.2.4 In the table, for the entry "DI-(2-ETHOXYETHYL)PEROXYDICARBONATE", **move** the value "≥ 48" one place to the left, from the column under the heading "Inert solid (%)" to "Diluent type B (% 1)".

Page 93

2.5.3.2.4 In the table:

- In the second entry for "p-MENTHYL HYDROPEROXIDE", **add** ",N" after "M" in the column under the heading "Packing method".
- Insert the following missing rows after the second entry for "PINANYL HYDROPEROXIDE":

Organic Peroxide	Concentration (%)	Packing Method	Control Temperature (°C)	Emergency temperature (°C)	Number (Generic entry)
TETRAHYDRONAPHTHYL HYDROPEROXIDE	≤ 100	OP7			3106
1,1,3,3-TETRAMETHYLBUTYL HYDROPEROXIDE	≤ 100	OP7			3105
1,1,3,3-TETRAMETHYLBUTYL PEROXY-2 ETHYLHEXANOATE	≤ 100	OP7	+ 20	+ 25	3115

Page 94

2.5.3.2.4 **Place** the NOTE that appears at the beginning of this page, immediately after paragraph 2.5.3.2.3.1 in page 84 under a new paragraph with the heading "2.5.3.2.4 List of currently assigned organic peroxides".

PART 3

Page 167

UN 0503 **Add** "†" at the end of the existing proper shipping name in column (2).

Page 170

UN 1093 **Replace** "STABILISED" **with** "STABILIZED" in column (2).

Page 174

UN 1201 For packing group III, **add** "IBC03" and "LP01" in column (8).

Page 210

UN 2071 **Add** "B3" in column (9).

Page 221

UN 2430 For packing group II, **replace** "5 kg" **with** "1 kg" in column (7).

Page 229

UN 2623 **Replace** "LP01" **with** "LP02" in column (8).

Page 238

UN 2810 For packing group III, **delete** "TP9" in column (11).

Page 242

UN 2881 For packing group III, **add** "IBC08" and "LP02" in column (8) and "B3" in column (9).

Page 261

UN 3207 **Delete** "B2" and "B4" in column (9) for packing groups II and III respectively.

Page 265

UN Nos. 0503
and 3268 **Replace** "AIR-BAG" **with** "AIR BAG" (twice for UN 0503 and once for UN 3268) and **add** "†" at the end of the existing proper shipping name in column (2).

Page 278

SP 179 **Replace** the existing text **with** the following: "The designation of the substance is to be decided by the competent authority."

PART 4

Page 303

P001 Under "Special packing provisions" for PP81, **add** "more than 60 % but" after "For UN 1790 with".

Pages 304 and 305

P002 **Add** "(see 4.1.3.4)" at the end of current text for notes 4 and 5 wherever they appear in P002.

In the column "Single Packagings (cont'd)" under "Composite packagings", **add** "in steel, aluminium, wood or" before "fibreboard box" in the paragraph beginning with "glass receptacle".

Page 364

P802 Under "Special Packing Provision", for PP79, **add** "more than 60 % but" after "For UN 1790 with".

Page 371

IBC06 For "(3) Composite", **replace** "and 31HZ1)." **with** ", 31HZ1 and 31HZ2)." and under the heading "Additional requirement" **replace** ", 21HZ2 and 31HZ2" **with** "and 21HZ2".

Page 383

4.1.7.1 **Place** this heading and paragraph number immediately before paragraph 4.1.7.1.1.

Page 389

4.2.1.1 **Add** "and described in 4.2.5.3." at the end of the last sentence.

Page 397

4.2.4.5.4 **Replace** "multiple-element gas containers" **with** "MEGCs".

Page 398

4.2.4.6 (c) **Replace** "has" **with** "have".

Pages 405 and 406

4.2.5.2.6 In the table for portable tank instruction T50, for UN 1062 **add** "with not more than 2% chloropicrin" and for UN 1581 **add** "with more than 2% chloropicrin" after the current name in column 2.

PART 5

Page 415

5.1.4 **Replace** "Secondary" **with** "Subsidiary" in the last sentence.

Page 423

5.2.2.1.4 In the first column of the table only, **move** the line separating Division 2.2 from Division 2.3, one row up.

Page 425

5.2.2.2.1.1 **Insert** "shall" after "They" at the beginning of the last sentence.

Page 431

5.3.1.1.5.2 **Replace** "5.2.2.2.2.1" **with** "5.2.2.2.2".

PART 6

Page 447

In the title, **delete** "AND" after "LARGE PACKAGINGS" and **add** at the end of the current title: "AND MULTIPLE-ELEMENT GAS CONTAINERS (MEGCs)"

Page 454

6.1.3.2 **Replace** "ISO 3574:1986" **with** "ISO 3574:1999"

Page 466

6.1.4.19.2.8 **Replace** "6.1.4.7.7" **with** "6.1.4.8.7".

Page 496

6.3.3.1 **Delete** (once) "8. Characteristics of test contents.....size for solids", which appears twice.

Page 561

6.7.2.1 In the definition of "Design pressure", sub-paragraph (b)(i), **replace** "vacour" **with** "vapour".

Page 580

6.7.3.1 In the definition of "Maximum allowable working pressure", subparagraph (b) (i), **replace** "4.2.4.2.6" with "4.2.5.2.6".

Page 613

6.7.5.12.4 **Insert** "and test" after "periodic inspection" in the first sentence.

6.7.5.13.1 **Insert** "Chapter" before "6.2" in the second sentence.

PART 7

Page 617

7.1.1.4 **Replace** "packagings" **with** "packages" in the first sentence.

Page 619

Insert the following heading after paragraph 7.1.3.2.5:

"7.1.3.3 Carriage of explosives in freight containers, road vehicles and rail wagons".

Current paragraphs 7.1.3.2.6 and 7.1.3.2.7 become 7.1.3.3.1 and 7.1.3.3.2 respectively.

7.1.3.2 and

7.1.3.3 In these sections, **replace** "vehicle"/"vehicles" with "road vehicle"/"road vehicles" and "wagon"/"wagons" with "rail wagon"/"rail wagons" whenever they appear.

Page 629

7.2.3.1.1 **Replace** "5.2.2.2.2.1" with "5.2.2.2.2".

Page 630

7.2.3.2.1 and

7.2.3.2.2 **Replace** "7.1.6.3.3" with "7.1.7.3.3".

ALPHABETICAL INDEX

Page 668 **Delete** the entry for Ammonium nitrate fertilizer, UN No 0223, class 1.1 D.

Page 669 For "Ammunition fixed, semi-fixed, separate loading, see" in the column under the heading "UN No." **replace** "00006" and "00005" **with** "0006" and "0005" respectively.

NOTE TO CORRIGENDUM 1

- **Delete** the correction to paragraph 4.2.2.8 a).
 - The correction on page 731 is as follows: "For 549 under "ST-1", **replace** "5.4.1.5.1" **with** "5.4.1.1.7.1".
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