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ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

**Joint Meeting of the RID safety Committee and
the Working Party on the Transport
of Dangerous Goods**
(Sixty-eighth session,
Geneva, 13-24 March 2000)

**REPORT OF THE SESSION
Held in Geneva from 13 to 24 March 2000**

Corrigendum 1

Addendum 4

Chapter 4.2 of the restructured ADR

The following amendments apply to the English version of Chapter 4.2 of the restructured ADR (document TRANS/WP.15/AC.1/80/Add.4).

Page Paragraph

- Page 2 Add a note under the title as follows:
- "NOTE: For fixed tanks (tank-vehicles), demountable tanks and tank-containers and tank swap bodies, with shells made of metallic materials, and battery-vehicles and multiple element gas containers (MEGCs), see Chapter 4.3; for fibre-reinforced plastics tanks, see Chapter 4.4; for vacuum operated waste tanks, see Chapter 4.5.*
- Page 2 4.2.1.4 Replace "dangerous goods" with "substances"
- Page 2 4.2.1.6 Amend the end of the sentence to read as follows:
"they may react dangerously with each other (see definition for "dangerous reaction" in 1.2.1)."
- Page 3 4.2.1.8 Replace "or agent" with "or other participant"
- Page 3 4.2.1.9 Amend the title to read "Degree of filling"
- Page 3 4.2.1.9.1 Replace "weaken the material" with "weaken these materials"
- Page 3 4.2.1.9.1.1 Amend the end of the sentence to read as follows:

"in the applicable portable tank instructions or special provisions in 4.2.4.2.6 or 4.2.4.3 and Columns (10) or (11) of table A of Chapter 3.2."
- Page 4 4.2.1.9.6 (b) Replace "goods" with "substances"
- Page 4 4.2.1.10.1.1 Amend to read as follows: "For portable tanks intended for use only on land, open venting systems may be used if allowed according to Chapter 4.3."
- Page 5 4.2.1.13.1 In the last sentence, replace "special requirement" with "additional provision"
- Page 5 4.2.1.13.2 and
 4.2.1.13.3 Replace " requirements" with " provisions" (3 times)
- Page 6 4.2.1.13.6 Replace "the properties of the peroxide" with "the properties of the substance"
- Page 6 4.2.1.13.8 In the text under the formula, delete "[-]", replace "vessels "with "shells" (twice) and, in the formula for F, "T_{PO} "with "T". Amend:

"T_{PO} = temperature of peroxide at relieving conditions" to read
"T = temperature of substance at relieving conditions"

In the last sentence, add "portable" before "tank"
- Page 8 4.2.2.5 Replace "dangerous goods" with "gas(es)" and "or agent" with "or other participant"
- Page 8 4.2.2.7.1 Replace "weaken the material" with "weaken these materials"

- Page 9 4.2.3.2 Amend the end of the sentence to read as follows:
"assigned to each substance in column (11) of Table A of Chapter 3.2 and described in 4.2.4.3."
- Page 9 4.2.3.4 Replace "dangerous goods" with "gas(es)" and "or agent" with "or other participant"
- Page 9 4.2.3.6.1 Replace "weaken the material" with "weaken these materials"
- Page 10 4.2.3.7 Renumber the paragraph under the title as "4.2.3.7.1" and the following one (now 4.2.3.7.1) as "4.2.3.7.2"
- Page 10 4.2.3.9 Delete ", as appropriate,"
- Page 11 4.2.4.2.1 Replace "requirements" with "provisions" (3 times) and amend the end of the paragraph to read: "... in this Chapter and the general requirements in Chapter 6.7."
- Page 11 4.2.4.2.5 In the text before the table, replace "wall thicknesses" with "shell thicknesses"
- Page 12 4.2.4.2.5 In the table, for portable tank instruction T5, under portable tank instructions also permitted" delete "T12", "T16" and "T18"
- Pages 14
and 15 4.2.4.2.6 In the table of portable tank instruction T23, amend the title of the 7th column to read "Degree of filling"
- Page 14 4.2.4.2.6 Amend footnote ** to read : "Maximum quantity per tank 2000 kg"
- Page 16 4.2.4.2.6 In the table of portable tank instruction T50, amend the title of the 6th column to read "Maximum filling density (kg/l)".
- Page 21 4.2.4.2.6 Change the values of maximum filling density for:
- | | | | | |
|-----------------------|------|-----------|----|-----------|
| UN No. 3337 (R 404 A) | from | 0.82 kg/l | to | 0.84 kg/l |
| UN No. 3338 (R 407 A) | from | 0.94 kg/l | to | 0.95 kg/l |
| UN No. 3339 (R 407 B) | from | 0.93 kg/l | to | 0.95 kg/l |
- Change the values of maximum allowable working pressure for:
- | | | | | |
|-----------------------|-----------|-------------|----------|-------------|
| UN No. 3337 (R 404 A) | Small | [no change] | | |
| | Bare | from | 28.2 bar | to 28.3 bar |
| | Sunshield | from | 25.2 bar | to 25.3 bar |
| | Insulated | from | 22.1 bar | to 22.5 bar |
| UN No. 3338 (R 407 A) | Small | from | 32.3 bar | to 31.3 bar |
| | Bare | from | 29.0 bar | to 28.1 bar |
| | Sunshield | from | 25.7 bar | to 25.1 bar |
| | Insulated | [no change] | | |
| UN No. 3339 (R 407 B) | Small | from | 34.0 bar | to 33.0 bar |
| | Bare | from | 30.5 bar | to 29.6 bar |

Sunshield	from	27.0 bar	to	26.5 bar
Insulated		[no change]		

UN No. 3340 (R 407 C) Small	from	30.2 bar	to	29.9 bar
Bare	from	27.0 bar	to	26.8 bar
Sunshield	from	24.1 bar	to	23.9 bar
Insulated	from	21.4 bar	to	21.3 bar

Page 22 4.2.4.3

Replace "to indicate requirements" with "to indicate provisions" and "designated using the abbreviation TP" with "identified by an alpha numeric designation beginning with the letters "TP""

Amend TP1, TP2, and TP3 to read "the degree of filling prescribed in ... shall not be exceeded ..."

Under TP4, delete "for portable tanks"

Under TP12, insert at the beginning "This substance is"

Page 23 4.2.4.3

Under TP19 (twice) and TP 21, replace "wall thickness" with "shell thickness"
