

Corrigendum

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(ST/SG/AC.10/1/Rev.22, Vol. I and II)

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Recommendations on the Transport of Dangerous Goods Model Regulations (Twenty-second revised edition)

Corrigendum

NOTE: Corrigenda to the twenty-second revised edition of the Recommendations on the Transport of Dangerous Goods are also made available on the website of the United Nations Economic Commission for Europe at the following address:

<https://unece.org/transport/dangerous-goods/un-model-regulations-rev-22>

Volume I

- 1. Chapter 1.2, 1.2.1, definition of “Liquid”, last sentence, before “Agreement”**
Delete European
- 2. Chapter 1.2, 1.2.1, definition of “Metal hydride storage system”**
For pressure receptacle pressure *read* pressure receptacle shell
- 3. Chapter 1.2, 1.2.1, definition of “Portable tank”, last sentence, after “non-metallic tanks”**
Insert (except FRP portable tanks, see Chapter 6.9)
- 4. Chapter 1.2, 1.2.1, definition of “Recycled plastics material”, second sentence**
Not applicable to English
- 5. Chapter 1.2, 1.2.1, definition of “Recycled plastics material”, third sentence**
Not applicable to English
- 6. Chapter 1.2, 1.2.1, definition of “Working pressure”, sub-paragraph (b)**
Not applicable to English
- 7. Chapter 1.5, 1.5.2.5, first sentence**
For persons *read* people

ST/SG/AC.10/1/Rev.22/Corr.1

English

Original: English and French

(This corrigendum does not apply to the Spanish version)

8. **Chapter 2.5, 2.5.3.2.4, entry for “ISOPROPYL sec-BUTYL PEROXYDICARBONATE+DI-sec-BUTYL PEROXYDICARBONATE+DI-ISOPROPYL PEROXYDICARBONATE”, column “Concentration”**

For $\leq 32 + \leq 15 - 18 \leq 12 - 15$ *read* $\leq 32 + \leq 15 - 18 + \leq 12 - 15$

Volume II

9. **Chapter 4.1, 4.1.3.3, last sentence**

For packages *read* packagings

10. **Chapter 4.1, 4.1.3.3, at the end**

Not applicable to English

11. **Chapter 4.1, 4.1.4.3, packing instruction LP906, third sentence**

For For a batteries *read* For batteries

12. **Chapter 4.1, 4.1.4.3, packing instruction LP906 (4), second sentence**

For batteries energy content *read* batteries’ energy content

13. **Chapter 4.1, 4.1.4.3, packing instruction LP906 (4), second sentence**

Not applicable to English

14. **Chapter 4.2, 4.2.5.2.6, second sentence**

For

(in mm reference steel or the minimum shell thickness for fibre reinforced plastics (FRP) portable tanks)

read

(in mm reference steel) or the minimum shell thickness for fibre reinforced plastics (FRP) portable tanks

15. **Chapter 4.2, 4.2.5.2.6, second sentence**

Not applicable to English

16. **Chapter 5.4, 5.4.1.5.3, first paragraph**

Not applicable to English

17. **Chapter 6.2, 6.2.1.5.2 (e)**

Not applicable to English

18. **Chapter 6.2, 6.2.1.6.1 (d), note 3**

For the existing text, *substitute*

NOTE 3: The check of internal conditions of 6.2.1.6.1 (b) and the hydraulic pressure test of 6.2.1.6.1 (d) may be replaced by ultrasonic examination carried out in accordance with ISO 18119:2018 for seamless steel and seamless aluminium alloy cylinder shells. For a transitional period until 31 December 2024 the standard ISO 10461:2005 + A1:2006 may

be used for seamless aluminium alloy cylinder shells and ISO 6406:2005 may be used for seamless steel cylinder shells for this same purpose.

19. Chapter 6.2, 6.2.1.6.1 (d), note 4

For manifold read manifolds

20. Chapter 6.2, 6.2.1.7.2, second sentence

Not applicable to English

21. Chapter 6.5, 6.5.6.3.2

For 6.5.5.4.9 read 6.5.5.4.8

22. Chapter 6.7, note under the chapter title

Not applicable to English

23. Chapter 6.9, 6.9.2.1, definition of “Filament winding”, second sentence

For heads read ends (heads)

24. Chapter 6.9, 6.9.2.1, definition of “FRP shell”

Delete storage and

25. Chapter 6.9, 6.9.2.1, definition of “FRP tank”

For the existing text, *substitute*

FRP tank means a portable tank constructed with an FRP shell and ends (heads), service equipment, safety relief devices and other installed equipment;

26. Chapter 6.9, 6.9.2.1, definition of “Liner”

Not applicable to English

27. Chapter 6.9, 6.9.2.2.2.3, introductory sentence

Not applicable to English

28. Chapter 6.9, 6.9.2.2.2.3 (f)

Not applicable to English

29. Chapter 6.9, 6.9.2.2.3.1, second sentence, after “frame”

Delete shell

30. Chapter 6.9, 6.9.2.2.3.4, introductory sentence

For functions read elements

31. Chapter 6.9, 6.9.2.2.3.4, note

For layers read elements

32. Chapter 6.9, 6.9.2.2.3.5, first sentence (twice) and last sentence

For internal liner read liner

33. **Chapter 6.9, 6.9.2.2.3.7, second sentence**
For Furthermore, welded liners *read* Welded liners
 34. **Chapter 6.9, 6.9.2.2.3.11, second paragraph, first sentence**
For internal surface liner *read* liner
 35. **Chapter 6.9, 6.9.2.2.3.11, second paragraph, second sentence**
For internal liner *read* liner
 36. **Chapter 6.9, 6.9.2.3.4, indent K₄, sub-indent 1.0**
Not applicable to English
 37. **Chapter 6.9, 6.9.2.3.4, indent K₄, sub-indent 1.0**
For 6.9.2.7.1.2 (i) *read* 6.9.2.7.1.2 (h)
 38. **Chapter 6.9, 6.9.2.3.4, indent K₄, sub-indent 1.1**
Not applicable to English
 39. **Chapter 6.9, 6.9.2.7.1.2 (d)**
Not applicable to English
 40. **Chapter 6.9, 6.9.2.7.1.2 (e)**
For 6.9.2.2.4 *read* 6.9.2.2.3.2
 41. **Chapter 6.9, 6.9.2.7.1.2 (e) (ii)**
Not applicable to English
 42. **Chapter 6.9, 6.9.2.7.1.2 (f)**
For 6.9.2.2.4 *read* 6.9.2.2.3.2
 43. **Chapter 6.9, 6.9.2.7.1.2 (h) (i), after “Direct measurement”**
Insert of
 44. **Chapter 6.9, 6.9.2.7.1.2 (h) (ii), after “thermoplastic resin”**
Insert characteristics
 45. **Chapter 6.9, 6.9.2.7.1.3 (a), first sentence**
For internal liners *read* liners
 46. **Chapter 6.9, 6.9.2.8.3**
Not applicable to English
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