Corrigendum

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:

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

\[ \text{For } \leq 32 + \leq 15 - 18 \leq 12 - 15 \text{ read } \leq 32 + \leq 15 - 18 + \leq 12 - 15 \]

**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
