



Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

Sub-Committee of Experts on the Transport of Dangerous Goods

Sixty-fourth session

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Item 6 (d) of the provisional agenda

Miscellaneous proposals for amendments to the Model Regulations on the Transport of Dangerous Goods:

Other miscellaneous proposals

ISO standard updates

Transmitted by the expert from the United Kingdom*

I. Introduction

1. The expert from the United Kingdom has become aware that certain ISO standards relative to portable tanks and bulk containers need updating because they have been revised or re-issued. Details of these updates are supplied below.

II. Proposals

Standard ISO 1496-3:2019

2. ISO 1496-3:2019 is the latest version of this standard. This version has revised type codes in accordance with ISO 6364 as well as revised rating and stacking forces in accordance with ISO 668. Industry has largely introduced the higher ratings and stacking force requirements. The following proposals are made.

Proposal 1a

3. Amend 6.7.2.17.5 (d) to read as follows (new text in ***bold italics***, deleted text is ~~stricken through~~):

4. “6.7.2.17.5 (d) ... with ISO 1496-3:1995 ***2019. Design types conforming to ISO 1496-3:1995 may continue to be used until 2030.***”

Proposal 1b

5. Amend 6.7.2.18.2 (a) to read as follows (new text in ***bold italics***, deleted text is ~~stricken through~~):

* A/78/6 (Sect. 20), table 20.5.

6. “6.7.2.18.2 (a) ... in ISO 1496-3:~~1995~~**2019**. *Tests specified in ISO 1496-3:1995 may continue to be used until 2030.*”

Proposal 1c

7. Amend 6.7.3.13.5 (d) to read as follows (new text in **bold italics**, deleted text is ~~stricken through~~):

8. “6.7.3.13.5 (d) ... in accordance with ISO 1496-3:~~1995~~**2019**. *Design types conforming to ISO 1496-3:1995 prior to 1 January 2025 may continue to be used.*”

Proposal 1d

9. Amend 6.7.3.14.2 (a) to read as follows (new text in **bold italics**, deleted text is ~~stricken through~~):

10. “6.7.3.14.2 (a) ... test specified in ISO 1496-3:~~1995~~**2019**. *Tests specified in ISO 1496-3:1995 may continue to be used until 2030.*”

Proposal 1e

11. Amend 6.7.4.12.5 (d) to read as follows (new text in **bold italics**, deleted text is ~~stricken through~~):

12. “6.7.4.12.5 (d) ... in accordance with ISO 1496-3:~~1995~~**2019**. *Design types conforming to ISO 1496-3:1995 may continue to be used until 2030.*”

Proposal 1f

13. Amend 6.7.4.13.2 (a) to read as follows (new text in **bold italics**, deleted text is ~~stricken through~~):

14. “6.7.4.13.2 (a) ... test specified in ISO 1496-3:~~1995~~**2019**. *Tests specified in ISO 1496-3:1995 may continue to be used until 2030.*”

Proposal 1g

15. Amend 6.7.5.10.4 (d) to read as follows (new text in **bold italics**, deleted text is ~~stricken through~~):

16. “6.7.5.10.4 (d) ... relevant provisions of ISO 1496-3:~~1995~~**2019**. *Design types conforming to ISO 1496-3:1995 may continue to be used until 2030.*”

Proposal 1h

17. Amend 6.7.5.11.2 (a) to read as follows (new text in **bold italics**, deleted text is ~~stricken through~~):

18. “6.7.5.11.2 (a) ... test specified in ISO 1496-3:~~1995~~**2019**. *Tests specified in ISO 1496-3:1995 may continue to be used until 2030.*”

Standard ISO 1496-4:2023

19. ISO 1496-4:1991 has been updated to the 2023 version. Updates include ensuring that the main structural tests are consistent with those described in ISO 1496-1 and the introduction of testing for box-type bulk containers with bottom discharge to reflect forces on the end and side walls when the freight container is being discharged by tipping or rotation and ensuring that the freight container can operate correctly and safely when fully packed with bulk cargo. The following proposals are made.

Proposal 2a

20. Amend 6.8.3.1.1 to read as follows (new text in **bold italics**, deleted text is ~~stricken through~~):

21. “6.8.3.1.1 ... with the requirements of ISO 1496-4:~~1991~~**2023** ... container is sift proof. *Bulk container types complying with ISO 1496-4:1991 may continue to be used until 2030.*”

Proposal 2b

22. Amend 6.8.3.1.2 to read as follows (new text in ***bold italics***, deleted text is ~~stricken through~~):

23. “6.8.3.1.2 ... test requirements of ISO 1496-4:1991**2023** as relevant. ***The test requirements of ISO 1496-4:1991 may continue to be used until 2030.***”

III. Justification

24. The updated ISO standards represent an improvement. It would be prudent for the *Model Regulations* to recognise these improvements as the new minimum requirement.
