



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-fifth session

Geneva, 25 November-3 December 2024

Item 5 (c) of the provisional agenda

Transport of gases:

Miscellaneous

Updated ISO standards in Class 2

Transmitted by the International Organisation for Standardisation (ISO)*

I. Introduction

1. This document provides an update with regards to the comments received from experts prior to, and during, the sixty-fourth session of the Sub-Committee of Experts on the Transport of Dangerous Goods, on the following documents:

ISO 23876:2022, Gas cylinders – Cylinders and tubes of composite construction – Acoustic emission examination (AT) for periodic inspection and testing.

ISO 11119-2:2020/Amd 1:2023, Gas cylinders – Design, construction and testing of refillable composite gas cylinders and tubes, Part 2: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with load-sharing metal liners, Amendment 1.

ISO 11119-3:2020/Amd 1:2023, Gas cylinders – Design, construction and testing of refillable composite gas cylinders and tubes, Part 3: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with non-load-sharing metallic or non-metallic liners or without liners, Amendment 1.

II. Standards

Standard 1

2. ISO 23876:2022, Gas cylinders – Cylinders and tubes of composite construction – Acoustic emission examination (AT) for periodic inspection and testing.

3. The representative of ISO withdrew proposal 1 in document ST/SG/AC.10/C.3/2024/11, during the sixty-fourth session of the Sub-Committee. As a

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



result, this document will be further reviewed by the relevant ISO Committee and additional feedback will be provided in due course.

4. It is not expected that this standard will be published in 2025 in the 24th revised edition of the United Nations *Model Regulations*.

Standard 2

5. ISO 11119-2:2020/Amd 1:2023, Gas cylinders – Design, construction and testing of refillable composite gas cylinders and tubes, Part 2: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with load-sharing metal liners, Amendment 1.

6. The expert from ISO suggested, during the sixty-fourth session of the Sub-Committee, organizing a virtual meeting to further discuss this standard, which was submitted in document ST/SG/AC.10/C.3/2024/11, and the comments by Germany in informal document INF.34. Interested delegates were asked to reach out to him about their preferences.

7. The relevant ISO Leadership Team has considered the feedback received from the meeting and intend to provide a proposal to the sixty-fifth session, which will be acceptable to the experts. Note that any new proposal will need to be reviewed and voted upon by the membership of the relevant ISO Committee.

8. Once this activity has been satisfactorily completed, the revised proposal will be shared with the experts of the Sub-Committee via an informal document.

9. It is hoped that the revised proposal will be acceptable to all experts and that consideration will be given for the amended proposal to be adopted for the 24th revised edition of the *Model Regulations*.

Standard 3

10. ISO 11119-3:2020/Amd 1:2023, Gas cylinders – Design, construction and testing of refillable composite gas cylinders and tubes, Part 3: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with non-load-sharing metallic or non-metallic liners or without liners, Amendment 1.

11. The feedback from the sixty-fourth session of the Sub-Committee, was very similar to that received on standard ISO 11119-2:2020/Amd 1:2023.

12. The same activities and way forward are proposed i.e. relevant ISO Committee will be balloted on a new proposal and if satisfactory an informal document will be submitted for consideration at the sixty-fifth session.

13. It is hoped that the revised proposal will be acceptable to all experts and that consideration will be given for the amended proposal to be adopted for the 24th revised edition of the *Model Regulations*.
