

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

15 November 2021

**Sub-Committee of Experts on the Transport of Dangerous Goods**

**Fifty-ninth session**

Geneva, 29 November – 8 December 2021

Item 6 (d) of the provisional agenda

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

**Reference to outdated standards**

**Transmitted by the expert from Spain**

1. When reviewing the transitional measures contained in notes in the UN Model Regulations (see informal documents INF.4 and INF.15 submitted to this session by Spain and INF.10 submitted by Sweden), the Spanish experts have noted that in Chapter 6.2.2 several standards are referenced for which the applicability has expired years ago, according to the relevant tables.
2. If a new standard is introduced, the previous one is maintained in the Model Regulations, as it is still applicable for some time. Additionally, the information on the previously applicable standards may be interesting, as for example the items constructed according to those standards may still be in use.
3. Nevertheless, after some time it may be interesting to review the outdated standards and evaluate if it is still necessary to maintain those in the Model Regulations.
4. For the time being, the following standards referenced in Chapter 6.2.2 are affected:

Relevant paragraph	Title	Standard	Applicability
6.2.2.1.1	Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 1: Quenched and tempered steel cylinders with tensile strength less than 1 100 MPa	ISO 9809-1:1999	Until 31 December 2018
6.2.2.1.1	Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 2: Quenched and tempered steel cylinders with tensile strength greater than or equal to 1 100 MPa	ISO 9809-2:2000	Until 31 December 2018
6.2.2.1.1	Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 3: Normalized steel cylinders	ISO 9809-3:2000	Until 31 December 2018
6.2.2.1.1	Gas cylinders – Refillable seamless aluminium alloy gas cylinders – Design, construction and testing	ISO 7866:1999	Until 31 December 2020
6.2.2.1.1	Gas cylinders of composite construction – Specification and test methods – Part 1: Hoop wrapped composite gas cylinders	ISO 11119-1:2002	Until 31 December 2020
6.2.2.1.1	Gas cylinders of composite construction – Specification and test methods – Part 2: Fully wrapped fibre reinforced composite gas cylinders with load-sharing metal liners	ISO 11119-2:2002	Until 31 December 2020
6.2.2.1.1	Gas cylinders of composite construction – Specification and test methods – Part 3:	ISO 11119-3:2002	Until 31 December 2020

	Fully wrapped fibre reinforced composite gas cylinders with non-load-sharing metallic or non-metallic liners		
6.2.2.1.3	Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 1: Quenched and tempered steel cylinders with tensile strength less than 1 100 MPa	ISO 9809-1:1999	Until 31 December 2018
6.2.2.1.3	Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 3: Normalized steel cylinders	ISO 9809-3:2000	Until 31 December 2018
6.2.2.1.3	Cylinders for acetylene – Basic requirements – Part 1: Cylinders without fusible plugs	ISO 3807-1:2000	Until 31 December 2020
6.2.2.1.3	Cylinders for acetylene – Basic requirements – Part 2: Cylinders with fusible plugs	ISO 3807-2:2000	Until 31 December 2020
6.2.2.1.9	Gas cylinders – Non-refillable metallic gas cylinders – Specification and test methods	ISO 11118:1999	Until 31 December 2020
6.2.2.1.9	Transportable gas cylinders – Cylinder valves for non-refillable cylinders – Specification and prototype testing	ISO 13340:2001	Until 31 December 2020
6.2.2.3	Gas cylinders – Valve protection caps and valve guards for industrial and medical gas cylinders – Design, construction and tests	ISO 11117:1998	Until 31 December 2014
6.2.2.3	Gas cylinders – Refillable gas cylinder valves – Specification and type testing	ISO 10297:1999	Until 31 December 2008
6.2.2.3	Gas cylinders – Refillable gas cylinder valves – Specification and type testing	ISO 10297:2006	Until 31 December 2020

5. Spain is looking forward for a discussion on this topic and, if the Sub-Committee wishes, may prepare a formal document for the next session to remove the outdated standards, if needed.