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| **UN/SCETDG/65/INF.17** |
| **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 25 October 2024**  **Sixty-fifth session**  Geneva, 25 November-3 December 2024  Item 6 (d) of the provisional agenda  **Miscellaneous proposals for amendments to the Model Regulations on the Transport of Dangerous Goods: Other miscellaneous proposals**  **of Dangerous Goods:**  **Other miscellaneous proposals** |

ISO standard updates

Transmitted by the expert from the United Kingdom of Great Britain and Northern Ireland

I. Introduction

I. The expert from the United Kingdom has become aware that many ISO standards in the *Model Regulations* (MR) and the *Manual of Tests and Criteria* (MTC) could need updating because they have been revised or re-issued. Details of these updates are supplied in the table below.

2. 40 ISO standards referenced in the MR and MTC have outdated references, and in some cases these references are in several locations. Out of these, this document only addresses standards that have either been reviewed, or standards that are not currently under review by ISO. It does not address standards that have only been subject to an amendment.

3. As this is an informal paper, the expert from the United Kingdom would be grateful for consideration as to whether, in principle, the references should be updated as proposed below. Should the Sub-Committee deem this activity useful, the United Kingdom will submit a formal document to a future session.

II. Proposals

4. Amend the ISO references in column (a), at the paragraphs noted in column (c), with the references in column (b).

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| **Current ISO reference in the MR or MTC** | **Latest version of the standard** | **Paragraph reference** |
| **(a)** | **(b)** | **(c)** |
| ISO 2592:2000 | ISO 2592:2017 “Petroleum and related products – Determination of flash and fire points – Cleveland open cup method” | MR: 2.3.1.3 (b) |
| ISO 9978:1992 | ISO 9978:2020 “Radiation protection – Sealed sources – Leakage test methods” | MR: 2.7.2.3.3.2 (c)  MR: 2.7.2.3.3.8 (b) |
| ISO 8115:1986 | ISO 8115-1:2022 “Cotton bales, Part 1: Dimensions and density” | MR: SP 299 |
| ISO 780:1997 | ISO 780:2015 “Packaging – Distribution packaging – Graphical symbols for handling and storage of packages” | MR: 5.2.1.7.1 |
| ISO 3574:1999 | ISO 3574:2012 “Cold-reduced carbon steel sheet of commercial and drawing qualities” | MR: 6.1.3.2  MR: 6.1.4.1.1 Note |
| ISO 3573:1999 | ISO 3573:2012 “Hot-rolled carbon steel sheet of commercial and drawing qualities” | MR: 6.1.4.1.1 Note |
| ISO 1496-1:2006 | ISO 1496-1: 2013/Amd 2:2024 “Series 1 freight containers – Specification and testing – Part 1: General cargo containers for general purposes” | MR: 6.4.5.4.4 (c)  MR: 6.8.3.1.2 |
| ISO 6892:1998 | ISO 6892 “Metallic materials – Tensile testing”, 4 different parts:  -1:2019 “Method of test at room temperature”  -2:2018 “Method of test at elevated temperature”  -3:2015 “Method of test at low temperature”  -4:2015 “Method of test in liquid helium” | MR: 6.7.2.3.3.4  MR: 6.7.3.3.3.4  MR: 6.7.4.3.3.4 |
| ISO 4126-1:2004 | ISO 4126-1:2013/Amd 1:2016 “Safety devices for protection against excessive pressure – Part 1: Safety valves” | MR: 6.7.2.13.2  MR: 6.7.3.9.2  MR: 6.7.4.8.2  MR: 6.7.5.6.2 |
| ISO 4126-7:2004 | ISO 4126-7:2013/Amd 1:2016 “Safety devices for protection against excessive pressure – Part 7: Common data” | MR: 6.7.2.13.2  MR: 6.7.3.9.2  MR: 6.7.4.8.2  MR: 6.7.5.6.2 |
| ISO 2078:1997/Amd 1:2015 | ISO 2078:2022 “Textile glass – Yarns – Designation” | MR: 6.9.2.2.3.11 |
| ISO 11357-2:2016 | ISO 11357-2:2020 “Plastics – Differential scanning calorimetry (DSC), Part 2: Determination of glass transition temperature and step height” | MR: 6.9.2.3.4 K4 1.0  MR: 6.9.2.7.1.2 (h) (i) |
| ISO 11359-1:2014 | ISO 11359-1:2023 “Plastics – Thermomechanical analysis (TMA), Part 1: General principles” | MR: 6.9.2.3.4 K4 1.1  MR: 6.9.2.7.1.2 (h) (ii) |
| ISO 75-1:2013 | ISO 75-1:2020 “Plastics – Determination of temperature of deflection under load, Part 1: General test method” | MR: 6.9.2.7.1.1 |
| ISO 1172:1996 | ISO 1172:2023 “Textile-glass-reinforced plastics – Prepregs, moulding compounds and laminates – Determination of the textile-glass and mineral-filler content using calcination methods” | MR: 6.9.2.7.1.2 (b) |
| ISO 14127:2008 | ISO 14127:2024 “Carbon-fibre-reinforced composites – Determination of the resin, fibre and void contents” | MR: 6.9.2.7.1.2 (b) |
| ISO 527-4:1997 | ISO 527-4:2023 “Plastics – Determination of tensile properties, Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites” | MR: 6.9.2.7.1.2 (c) twice |
| ISO 527-5:2009 | ISO 527-5:2021 “Plastics – Determination of tensile properties, Part 5: Test conditions for unidirectional fibre-reinforced plastic composites” | MR: 6.9.2.7.1.2 (c) twice |
| ISO 21843:2018 | ISO 21843:2023 “Determination of the resistance to hydrocarbon pool fires of fire protection materials and systems for pressure vessels” | MR: 6.9.2.7.1.5.1 |
| ISO/IEC 17025:1999 | ISO/IEC 17025:2017 “General requirements for the competence of testing and calibration laboratories” | MTC: 31.5.2.2.2 |
| ISO 1523:1983 | ISO 1523:2002 “Determination of flash point – Closed cup equilibrium method” | MTC: 32.4.2.2 |
| ISO 2431:1984 | ISO 2431:2019 “Paints and varnishes – Determination of flow time by use of flow cups” | MTC: 32.4.3 |

III. Sustainable Development Goals

5. This proposal contributes to Sustainable Development Goal 16: *Peace, justice and strong institutions* by promoting consistent regulations for the safe transport of dangerous goods.