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
Geneva, 24 June-3 July 2024
Item 1 of the provisional agenda
Adoption of the agenda

List of documents under agenda item

Note by the secretariat

1. Adoption of the agenda

ST/SG/AC.10/1/C.3/127 (Secretariat) Provisional agenda for the sixty-fourth session
ST/SG/AC.10/1/C.3/127/Add.1 (Secretariat) List of documents and annotations
Informal document INF.1 (Secretariat) List of documents
Informal document INF.2 (Secretariat) List of documents under agenda item
Informal document INF.3 (Secretariat) Accreditation, registration, working arrangements and provisional timetable for the sixty-fourth session
Informal document INF.35 (Secretariat) Reception by NGOs

Background documents (Secretariat)

ST/SG/AC.10/30/Rev.10 Globally Harmonized System of Classification and Labelling of Chemicals (GHS), tenth revised edition
2. Explosives and related matters

(a) Review of test series 6
At the time of writing no document has been submitted under this agenda sub-item.

(b) Improvement of test series 8
- ST/SG/AC.10/C.3/2024/8 (Japan)
  Amendments to UN 8(e) (Minimum Burning Pressure) Test
- Informal document INF.21 (AEISG, IME)
  Proposal to review requirement of Test Series 8 for Assessing Suitability of ANEs for Transport in Portable Tanks
- Informal document INF.32 (United Kingdom)
  Comments in document ST/SG/AC.10/C.3/2024/8 - "Amendments to UN 8(e) (Minimum Burning Pressure) Test"

(c) Review of tests in parts I, II and III of the Manual of Tests and Criteria
- Informal document INF.20 (United Kingdom, United States)
  UN Explosive Working Group (EWG) Koenen Tube Round - Robin Updated Test Results and ICG Discussion Points

(d) “UN” standard detonators
At the time of writing no document has been submitted under this agenda sub-item.

(e) Energetic samples
- ST/SG/AC.10/C.3/2024/26 (Cefic)
  Transport of energetic samples

(f) Review of packaging and transport requirements for ammonium nitrate emulsions
At the time of writing no document has been submitted under this agenda sub-item.

(g) Electrification and alternative fuels and how they will affect transport of explosives
At the time of writing no document has been submitted under this agenda sub-item.

(h) Miscellaneous
- ST/SG/AC.10/C.3/2024/16 (Cefic)
  Screening procedures for estimating the self-accelerating decomposition temperature of 50 kg packages
- ST/SG/AC.10/C.3/2024/18 (SAAMI)
  UN 0012 and UN 0014 - Metal on metal contact between explosives and packaging
- ST/SG/AC.10/C.3/2024/38 + informal document INF.52 (China)
  Termination time and method of assessing results for methyl violet paper test in Appendix 10 of the Manual of Tests and Criteria
- Informal document INF.33 (United Kingdom)
  Comments in document ST/SG/AC.10/C.3/2024/38 – “Termination time and method of assessing results for the
3. **Listing, classification and packing**

<table>
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<tr>
<th>Document Reference</th>
<th>Description</th>
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<tbody>
<tr>
<td>Informal document INF.54 (Cefic)</td>
<td>Corrections and amendments to the Model Regulations, the Globally Harmonized System and the Manual of Tests and Criteria</td>
</tr>
<tr>
<td>Informal document INF.5 (China on behalf of ICG)</td>
<td>Screenings for estimating the SADT of 50 kg packages: Derivation under the Thomas model</td>
</tr>
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</table>

- **Packing group II metal packagings for organic peroxides and self-reactive substances**
- **Considering invasive alien species as environmental hazardous living organisms**
- **Clarification of the indicative list of Category A infectious substances**
- **Entries for Seed Cake, UN 1386 and UN 2217**
- **Transport of liquid organic hydrogen carrier - new special provision to UN 3082**
- **Modification of the limited quantity for UN 2956 MUSK XYLENE**
- **Wearable airbag system**
- **Refrigerating machines or heating machines**
- **Transport provisions for small quantities of environmentally hazardous paints, printing inks, and related materials + Annexes**
- **Magnetic resonance imaging scanners**
- **Facilitation of the shipment of external quality assessment, proficiency and re-testing samples**
- **Classification of butyl acrylates, stabilized**
- **Classification of UN 2372 1, 2-DI-(DIMETHYLAMINO) ETHANE**
4. Electric storage systems

(a) Testing of lithium batteries

Lithium ion batteries testing – amendment to the T.5 short circuit test
ST/SG/AC.10/C.3/2024/39 (China) + Informal document INF.41 (United Kingdom)
Size of the flat surfaces in crush test procedure (test T.6)
Amendment to proposals within document ST/SG/AC.10/C.3/2024/39

ST/SG/AC.10/C.3/2024/40 (China)
Procedures for test T.8: Forced discharge

ST/SG/AC.10/C.3/2024/45 (ICAO)
Additional mitigation measures for the transport of lithium batteries

ST/SG/AC.10/C.3/2024/54 (PRBA)
UN 38.3 Lithium battery testing and amendments to the T.5 external short circuit test

ST/SG/AC.10/C.3/2024/55 (PRBA) +
Reuse, repair and re-purposing lithium-ion cells and batteries and implications on safety and UN 38.3 testing requirements

Informal document INF.47 (RECHARGE)
Alternative proposal to the working document ST/SG/AC.10/C.3/2024/55

ST/SG/AC.10/C.3/2024/56 (PRBA)
UN 38.3 Lithium Battery Test Sequence Clarification

ST/SG/AC.10/C.3/2024/57 (PRBA)
UN 38.3 Lithium Battery Test Rupture Definition

Informal document INF.49 (PRBA)
UN 38.3 Lithium battery test rupture definition

(b) **Hazard-based system for classification of lithium batteries**

ST/SG/AC.10/C.3/2024/13 + informal document INF.26 (Belgium, France, RECHARGE on behalf of the IWG)
Hazard-based system for classification of lithium batteries

Informal document INF.45 (KFI)
Comments on ST/SG/AC.10/C.3/2024/13, Re: Proposed Requirements for Sodium-Ion Batteries

ST/SG/AC.10/C.3/2024/20 (United Kingdom)
Lithium cells and batteries, classification, and identification

Informal document INF.27 (United Kingdom)
New identification system – lithium cells and batteries – additions to the Dangerous Goods List and special provisions

Informal document INF.28 (United Kingdom)
New identification system – lithium cells and batteries – packing instructions

Informal document INF.29 (United Kingdom)
New identification system – lithium cells and batteries – additional and consequential amendments (United Kingdom)

Informal document INF.30 (United Kingdom)
New identification system – lithium cells and batteries – precedents and reasoning

Informal document INF.31 (MDTC)
Lithium cells and batteries, classification, and identification

(c) **Transport provisions**

ST/SG/AC.10/C.3/2024/36 (China)
Transport of sodium ion batteries with organic electrolyte installed in cargo transport unit
Informal document INF.9 (Germany)  Issues regarding the interpretation of the scope of application of special provision 188
Informal document INF.10 (Belgium)  Communication of surrounding conditions in accordance with packing instructions P911 and LP906

(d)  Damaged or defective lithium batteries
At the time of writing no document has been submitted under this agenda sub-item.

(e)  Sodium-ion batteries
At the time of writing no document has been submitted under this agenda sub-item.

(f)  Miscellaneous
ST/SG/AC.10/C.3/2024/42 (Japan) +  New special provision for all-solid-state lithium ion cells and batteries (UN 3480 and UN 3481) that do not cause thermal runaway
Informal document INF.48 (RECHARGE)  Alternative proposal to the working document ST/SG/AC.10/C.3/2024/42
ST/SG/AC.10/C.3/2024/53 (IATA)  Exception for equipment containing both lithium batteries and lithium button cells

5.  Transport of gases

(a)  Global recognition of United Nations and non-United Nations pressure receptacles
Informal document INF.13 (EIGA)  Acetylene Cylinder Marking

(b)  Limited quantities for division 2.2
At the time of writing no document has been submitted under this agenda sub-item.

(c)  Miscellaneous
ST/SG/AC.10/C.3/2024/11 (ISO) +  Updated ISO standards in Class 2
Informal document INF.34 (Germany)  Comments on updated ISO standards in Class 2
Informal document INF.8 (ISO)  Updated ISO standard in Class 2
Informal document INF.12 (United Kingdom)  Carriage of different gases within a single bundle of cylinders

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

(a)  Marking and labelling
ST/SG/AC.10/C.3/2024/28 (Canada, China)  Clarification of the battery mark requirements under SP188
ST/SG/AC.10/C.3/2024/34 (COSTHA)  Variations of flame symbol design
(b) Packagings, including the use of recycled plastics material

ST/SG/AC.10/C.3/2024/12 (Germany)  Performance and frequency of tests
ST/SG/AC.10/C.3/2024/47 (Belgium)  Use of recycled plastics material for flexible intermediate bulk containers
Informal document INF.15 (Belgium)  Use of the REC-marking on packagings and intermediate bulk containers (IBCs) made from recycled plastics material
Informal document INF.44 (Germany)  Request for clarification on the periodic leakproofness re-testing on IBCs after two and a half years

(c) Portable tanks

ST/SG/AC.10/C.3/2024/19 (Russian Federation)  Proposal for 6.9.4 “Requirements for the design, construction, inspection and testing of portable tanks with shells made of fibre reinforced plastics (FRP) materials intended for the transport of non-refrigerated liquefied gases”
ST/SG/AC.10/C.3/2024/29 (Poland)  Modification of the fire resistance test provision contained in 6.9.2.7.1.5.1 of the Model Regulations
Withdrawn by the author

(d) Other miscellaneous proposals

ST/SG/AC.10/C.3/2024/3 (United Kingdom)  Amendment of term ‘tons’ to ‘tonnes’ in the English text of 1.2.2.1
ST/SG/AC.10/C.3/2024/9 (Spain)  Amendments to the Spanish language version
ST/SG/AC.10/C.3/2024/21 + informal document INF.23 (United Kingdom)  ISO standard updates
ST/SG/AC.10/C.3/2024/30 (Spain)  UN 1790 Hydrofluoric acid
ST/SG/AC.10/C.3/2024/35 (China)  Alignments between provision 2.0.5.6 and special provision 301
ST/SG/AC.10/C.3/2024/43 (Republic of Korea)  Amendment to 4.1.3.4 of the Model Regulations - Prohibited packagings for the substances may become liquid during transport
Informal document INF.46 (Germany Republic of Korea)  Additional proposals for document ST/SG/AC.10/C.3/2024/43
ST/SG/AC.10/C.3/2024/44 (Republic of Korea)  Amendment to 7.1.1.9 of the Model Regulations - packages designed for stacking
Informal document INF.17 (Spain)  Amendments to the Spanish language version
Informal document INF.18 (Germany)  Transport under temperature control – requirements according to 7.1.5.4.2
7. **Global harmonization of transport of dangerous goods regulations with the Model Regulations**

ST/SG/AC.10/C.3/2024/14 (IMO)

Follow-up proposal related to the outcome of the thirty-ninth session of the Editorial and Technical Group on the International Maritime Dangerous Goods Code

8. **Cooperation with the International Atomic Energy Agency**

At the time of writing no document has been submitted under this agenda item.

9. **Guiding principles for the Model Regulations**

At the time of writing no document has been submitted under this agenda item.

10. **Issues relating to the Globally Harmonized System of Classification and Labelling of Chemicals:**

(a) **Testing of oxidizing substances**

At the time of writing no document has been submitted under this agenda sub-item.

(b) **Simultaneous classification in physical hazards and precedence of hazards**

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<tr>
<td>ST/SG/AC.10/C.3/2024/4 + informal document INF.4 (Germany on behalf of IWG on combinations of physical hazards)</td>
<td>Proposal for clarifications on the combinations of aerosols and chemicals under pressure with other hazard classes in the Globally Harmonized System of Classification and Labelling of Chemicals</td>
</tr>
<tr>
<td>ST/SG/AC.10/C.3/2024/5 (FEA)</td>
<td>Proposal for further clarification on the hazard class “Aerosols” in the Globally Harmonized System</td>
</tr>
<tr>
<td>ST/SG/AC.10/C.3/2024/6 (FEA)</td>
<td>Aerosols – Alignment of special provision 63 with special provision 362</td>
</tr>
<tr>
<td>Informal document INF.22 (Germany on behalf of the IWG)</td>
<td>Status report for the GHS informal working group on combinations of physical hazards</td>
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(c) **Miscellaneous**

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11. **Unified interpretations of the Model Regulations**

At the time of writing no document has been submitted under this agenda item.
12. **Implementation of the Model Regulations**

At the time of writing no document has been submitted under this agenda item.

13. **Dangerous goods safety training and capacity building**

   Informal document INF.6 (South Africa)  
   Status of implementation of the Model Regulations in South Africa and status of dangerous goods training

14. **United Nations 2030 Agenda for Sustainable Development**

   Informal document INF.38 (Secretariat)  
   Contributions by the Committee of Experts to the coordination segment of the Economic and Social Council

15. **Opportunities to enhance operational efficiency and inclusiveness**

At the time of writing no document has been submitted under this agenda item.

16. **Other business**

   Informal document INF.51 (Secretariat)  
   Application for consultative status by the American Pyrotechnic Association (APA)

17. **Adoption of the report**

   In accordance with the established practice, the Sub-Committee may wish to adopt the report on its sixty-fourth session and its annexes based on a draft prepared by the secretariat.