

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

21 June 2024

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/C.3/127 (Secretariat)	Provisional agenda for the sixty-fourth session
ST/SG/AC.10/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.10/1/Rev.23	Recommendations on the Transport of Dangerous Goods, Model Regulations, twenty-third revised edition
ST/SG/AC.10/11/Rev.8	Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, eighth revised edition
ST/SG/AC.10/30/Rev.10	Globally Harmonized System of Classification and Labelling of Chemicals (GHS), tenth revised edition
ST/SG/AC.10/C.3/126 and Add.1	Report of the Sub-Committee of Experts on the Transport of Dangerous Goods on its sixty-third session
ST/SG/AC.10/C.4/90	Report of the Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals on its forty-fifth session

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
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(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
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(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

	methyl violet paper test in appendix 10 of the Manual of Tests and Criteria”
ST/SG/AC.10/C.3/2024/41 + informal document INF.5 (China on behalf of ICG)	Report of the informal correspondence group on the revision of subsection 51.4 of the Manual of Tests and Criteria regarding the burning rate
	Amendments to subsection 51.4 of the Manual of Tests and Criteria
ST/SG/AC.10/C.3/2024/52 (AEISG)	Corrections and amendments to the Model Regulations, the Globally Harmonized System and the Manual of Tests and Criteria
Informal document INF.54 (Cefic)	Screening rules for estimating the SADT of 50 kg packages: Derivation under the Thomas model

3. Listing, classification and packing

ST/SG/AC.10/C.3/2024/1 (Cefic)	Packing group II metal packagings for organic peroxides and self-reactive substances
ST/SG/AC.10/C.3/2024/2 (Convention on Biological Diversity)	Considering invasive alien species as environmental hazardous living organisms
ST/SG/AC.10/C.3/2024/7 (Canada, WHO)	Clarification of the indicative list of Category A infectious substances
ST/SG/AC.10/C.3/2024/10 + informal document INF.25 (GAFTA)	Entries for Seed Cake, UN 1386 and UN 2217
ST/SG/AC.10/C.3/2024/17 (Germany)	Transport of liquid organic hydrogen carrier - new special provision to UN 3082
ST/SG/AC.10/C.3/2024/22 (Germany)	Modification of the limited quantity for UN 2956 MUSK XYLENE
ST/SG/AC.10/C.3/2024/23 (Italy)	Wearable airbag system
ST/SG/AC.10/C.3/2024/27 (Germany)	Refrigerating machines or heating machines
ST/SG/AC.10/C.3/2024/31 + informal document INF.7 (WCC)	Transport provisions for small quantities of environmentally hazardous paints, printing inks, and related materials + Annexes
ST/SG/AC.10/C.3/2024/32 (Netherlands)	Magnetic resonance imaging scanners
ST/SG/AC.10/C.3/2024/33 (WHO)	Facilitation of the shipment of external quality assessment, proficiency and re-testing samples
ST/SG/AC.10/C.3/2024/37 (China)	Classification of butyl acrylates, stabilized
ST/SG/AC.10/C.3/2024/46 (Belgium)	Classification of UN 2372 1, 2-DI-(DIMETHYLAMINO) ETHANE

ST/SG/AC.10/C.3/2024/48 (WLGA) + Informal document INF.24 (United Kingdom)	Present and future products in the LPG industry - Addition of a new special provision to UN 1075 and UN 1965 Amendment to proposals within documents ST/SG/AC.10/C.3/2024/48 and ST/SG/AC.10/C.3/2024/50
ST/SG/AC.10/C.3/2024/49 (WLGA)	Present and future products in the LPG industry - Addition of a new special provision to UN 1075 and UN 1965 – Supporting information, research and testing
ST/SG/AC.10/C.3/2024/50 (WLGA) + Informal document INF.24 (United Kingdom)	Present and future products in the liquefied petroleum gas (LPG) industry - Proposal for a new UN number Amendment to proposals within documents ST/SG/AC.10/C.3/2024/48 and ST/SG/AC.10/C.3/2024/50
ST/SG/AC.10/C.3/2024/51 + informal document INF.19 (COSTHA)	Used medical devices containing lithium batteries
Informal document INF.11 (Secretariat)	Packing instruction P908 – Correction to the French text
Informal document INF.14 (Russian Federation)	Proper shipping names of UN Nos. 0514 and 3559 in Russian
Informal document INF.16 (MDTC)	Infectious substances containing lithium batteries
Informal document INF.19 (COSTHA, DGTA, MDTC)	Used medical devices containing or packed with lithium batteries
Informal document INF.36 (Germany)	Deletion of the entry UN 2941 FLUOROANILINES
Informal document INF.37 (COSTHA)	UN 3164 Installed in equipment or apparatus
Informal document INF.39 (Cefic)	Informal correspondence group on polymerizing substances and self-accelerating polymerization temperature (SAPT)
Informal document INF.40 (Cefic)	Listing of Artemisinin and derivatives in 2.5.3.2.4
Informal document INF.42 (Canada)	Informal Working Group on the development of a comprehensive approach following reclassification of existing entries in the Dangerous Goods List (DGL)
Informal document INF.43 (Germany)	Report from the correspondence group on the differentiation between UN 1950 and UN 2037
Informal document INF.50 (United States of America)	Assignment of PP5 to UN 2029 Hydrazine Anhydrous
Informal document INF.53 (China)	Proposal to allow articles classified as UN 3363 to contain lithium batteries complying with SP 188

4. Electric storage systems

(a) Testing of lithium batteries

ST/SG/AC.10/C.3/2024/15 (RECHARGE)	Lithium ion batteries testing – amendment to the T.5 short circuit test
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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) + Informal document INF.47 (RECHARGE)	Reuse, repair and re-purposing lithium-ion cells and batteries and implications on safety and UN 38.3 testing requirements 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
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(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) + Informal document INF.34 (Germany)	Updated ISO standards in Class 2 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) Withdrawn by the author	Modification of the fire resistance test provision contained in 6.9.2.7.1.5.1 of the Model Regulations

(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

ST/SG/AC.10/C.3/2024/4 + informal document INF.4 (Germany on behalf of IWG on combinations of physical hazards)

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

ST/SG/AC.10/C.3/2024/5 (FEA)

Proposal for further clarification on the hazard class “Aerosols” in the Globally Harmonized System

ST/SG/AC.10/C.3/2024/6 (FEA)

Aerosols – Alignment of special provision 63 with special provision 362

Informal document INF.22 (Germany on behalf of the IWG)

Status report for the GHS informal working group on combinations of physical hazards

(c) Miscellaneous

ST/SG/AC.10/C.3/2024/24 (AEISG)

Consideration of Nitrocellulose mixtures in Chapter 2.17 (Desensitised explosives) of the Globally Harmonized System, section 51 of the Manual of Tests and Criteria and special provision 393 of the Model Regulation

ST/SG/AC.10/C.3/2024/25 (AEISG)

Consideration of amendments to Chapter 2.17 (Desensitised explosives) of the Globally Harmonized System and section 51 of the Manual of Tests and Criteria

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.
