

**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

22 June 2018

Fifty-third session

Geneva, 25 June-4 July 2018

Item 1 of the provisional agenda

Adoption of the agenda

Provisional agenda for the fifty-third session

Addendum

List of documents

1. Adoption of the agenda

ST/SG/AC.10/C.3/105	Provisional agenda for the fifty-third session
ST/SG/AC.10/C.3/105/Add.1	List of documents
Informal document INF.12 (Secretariat)	Provisional timetable
Informal document INF.27 (France)	Hazard based classification of lithium cells and batteries (ST/SG/AC.10/C.3/2018/59): Lunchtime working group
Informal document INF.28 (chairman of the working group)	Working group on fibre-reinforced plastics (FRP) portable tanks
Informal document INF.40 (Secretariat)	Reception by NGOs

Background documents

ST/SG/AC.10/1/Rev.20	Recommendations on the Transport of Dangerous Goods, Model Regulations, twentieth revised edition
ST/SG/AC.10/11/Rev.6 and Amend.1	Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, sixth revised edition, as amended
ST/SG/AC.10/30/Rev.7	Globally Harmonized System of Classification and Labelling of Chemicals (GHS), seventh revised edition
ST/SG/AC.10/C.3/102 and Add.1	Report of the Sub-Committee of Experts on the Transport of Dangerous Goods on its fifty-first session
ST/SG/AC.10/C.3/104 and Add.1	Report of the Sub-Committee of Experts on the Transport of Dangerous Goods on its fifty-second session

ST/SG/AC.10/C.4/66 Report of the Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals on its thirty-third session

ST/SG/AC.10/C.4/68 Report of the Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals on its thirty-fourth 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) Review of tests in parts I, II and III of the Manual of Tests and Criteria

Informal document INF.22 (IME) Recommendations for Test Series 8

Informal document INF.39 (Sweden) Inconsequent use of term “a practical explosive or pyrotechnic effect” in the Model Regulations and the Manual of Tests and Criteria

(c) Electronic detonators

ST/SG/AC.10/C.3/2018/58 (AEISG) New UN entries for electronic detonators

(d) Guidance for application of Test Series 3 and 4

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

(e) Stability tests for industrial nitrocellulose

ST/SG/AC.10/C.3/2018/9 (CEFIC) Stability tests for nitrocellulose mixtures

ST/SG/AC.10/C.3/2018/52 (SAAMI) Determination of electrostatic sensitiveness discharge (ESD) using the Allegany Ballistics Laboratory (ABL) ESD machine

Informal document INF.7 (CEFIC, WONIPA) Classification of desensitized explosives for the purposes of supply and use according to GHS chapter 2.17: Test results on industrial nitrocellulose

(f) Application of security provisions to explosives N.O.S

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

(g) Review of packing instructions for explosives

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

(h) Classification of articles under UN No. 0349

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

(i) Review of Chapter 2.1 of the GHS

See document ST/SG/AC.10/C.3/2018/33 under agenda item 10 (e).

(j) Miscellaneous

ST/SG/AC.10/C.3/2018/6 (Germany)	Update of the reference to ISO 12097 in section 2.1.3.6.4 of the Model Regulations
ST/SG/AC.10/C.3/2018/48 (United States of America)	Extension of the default fireworks classification table for classification of articles, pyrotechnic UN0431
ST/SG/AC.10/C.3/2018/53 (SAAMI) + Informal document INF.43 (SAAMI)	A method for transporting controlled shipments of explosives that are not yet classified (≤ 25 grams)
Informal document INF.17 (CEFIC)	Transport of energetic samples for further testing
Informal document INF.21 (IME)	Comments on UN0222 Ammonium Nitrate
Informal document INF.24 (United Kingdom)	Additional LP101 entries into the Dangerous goods List

3. Listing, classification and packing

ST/SG/AC.10/C.3/2018/4 (Spain)	Viscous liquids not subject to the regulation
ST/SG/AC.10/C.3/2018/7 (Germany)	Name and description of UN No. 3363
ST/SG/AC.10/C.3/2018/11 (Spain)	Corrections to the names of several UN numbers
ST/SG/AC.10/C.3/2018/13 (Germany) + Informal document INF.6 (Germany)	Classification of self-inflating recovery devices
ST/SG/AC.10/C.3/2018/14 (Spain)	Spanish names for explosives
ST/SG/AC.10/C.3/2018/20 (Canada)	Classification and packaging for infectious waste of Category A
ST/SG/AC.10/C.3/2018/21 (Canada)	Revision of packing instruction P801
ST/SG/AC.10/C.3/2018/25 (Canada) +INF.31 (United Kingdom)	Clarification of performance testing requirements for infectious substances packaging in Chapter 6.3

ST/SG/AC.10/C.3/2018/26 (Canada)	Review of the definition of infectious substance and the table in 2.6.3.2.2.1
ST/SG/AC.10/C.3/2018/28 (COSTHA)	Entries assigned special provision 117 and 123
ST/SG/AC.10/C.3/2018/29 (CEFIC)	Organic peroxides: new formulations to be listed in 2.5.3.2.4 and IBC 520
ST/SG/AC.10/C.3/2018/38 (Canada)	Editorial corrections to the French and English text of the Model Regulations
ST/SG/AC.10/C.3/2018/47 (DGAC, COSTHA)	Proposal to amend special provision 375 as it applies to UN Nos. 3077 and 3082 (Environmentally Hazardous Substances)
Informal document INF.14 (Austria)	Classification of strontium metal and subsidiary hazard corrosivity of alkali and alkaline earth metals
Informal document INF.19 (IATA)	Assignment of Special Provision 356 to UN 3529
Informal document INF.23 (CEFIC)	Amendment of packing instruction P404
Informal document INF.26 (IPPIC)	Technical names for environmentally hazardous goods of Class 9 (UN 3077 and UN 3082)
Informal document INF.29 (Spain)	Proper shipping names for explosives (UN 0237 and UN 0288)
Informal document INF.32 (Spain)	Transport of barium carbonate as non-dangerous good
Informal document INF.50 (CEFIC)	Exemptions for polymerizing substances

4. Electric storage systems

(a) Testing of lithium batteries

ST/SG/AC.10/C.3/2018/50 (PRBA, RECHARGE)	Testing of discharged primary lithium cells and batteries
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(b) Hazard-based system for classification of lithium batteries

ST/SG/AC.10/C.3/2018/59 (France, RECHARGE) + and informal document INF.37 (France, RECHARGE)	Hazard-based classification system for classification of lithium cells and batteries
Informal document INF.10 (ISO)	Incidents with composite cylinders without a liner manufactured from two parts joined together

(c) Transport provisions

ST/SG/AC.10/C.3/2018/37 Harmonization of the proper shipping names of UN Nos.
(RECHARGE, PRBA) 3481 and 3091

(d) Damaged or defective lithium batteries

ST/SG/AC.10/C.3/2018/51 Requirements for damaged or defective lithium cells and
(PRBA, MDBTC, batteries in special provision 376
RECHARGE)

(e) Sodium-ion batteries

ST/SG/AC.10/C.3/2018/3 Sodium-ion batteries
(United Kingdom)

(f) Miscellaneous

Informal document INF.38 Examples of lithium battery test summary and additional
(PRBA, RECHARGE, questions and answers
MDBTC)

Informal document INF.41 Dimensions of the lithium battery mark
(PRBA, RECHARGE)

Informal document INF.45 Sodium-Nickel chloride (Na-NiCl₂)
and INF.45/Add.1
(Switzerland)

5. Transport of gases**(a) Global recognition of UN and non-UN pressure receptacles**

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

(b) Miscellaneous

ST/SG/AC.10/C.3/2018/8 Shells for UN acetylene cylinders
(Canada) + Informal documents
INF.18 (ISO) and INF.36
(Germany)

ST/SG/AC.10/C.3/2018/22 Clarification of a marking provision for UN pressure
(ISO) + Informal document receptacles
INF.57 (ISO)

ST/SG/AC.10/C.3/2018/23 New and updated ISO standards in Class 2
(ISO)

ST/SG/AC.10/C.3/2018/24 Update of LC₅₀ values in P200
(ISO)

ST/SG/AC.10/C.3/2018/36 (Ireland) + Informal document INF.42 (ECMA)	Provision for the carriage of waste gas cartridges (UN No. 2037)
Informal documents INF.10 (ISO)	Incidents with composite cylinders without a liner manufactured from two parts joined together
Informal document INF.11 (CEFIC)	Chemicals under pressure: UN No. 3500, amendment to packing instruction P206 for gas based suppression systems

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

(a) Marking and labelling

ST/SG/AC.10/C.3/2018/10 (France)	Color of the elevated temperature substance mark in accordance with 5.3.2.2
ST/SG/AC.10/C.3/2018/19 (Germany)	Corrections to special provision 363
Informal document INF.47 (Russian Federation)	Proposal for adjustment of Part 5 UN Model Regulations
Informal document INF.49 (Russian Federation)	Use of the term placard/rótulo/placardage (plaques-étiquettes)/information board (информационное табло) in the Model Regulations

(b) Packagings

ST/SG/AC.10/C.3/2018/32 (Italy)	Aluminium drums
ST/SG/AC.10/C.3/2018/27 (ICPP) + Informal document INF.16 (CEFIC)	Maximum permitted stacking load of IBC
ST/SG/AC.10/C.3/2018/34 (SSCA)	Minimum wall thickness for metal IBCs
ST/SG/AC.10/C.3/2018/44 (Belgium)	Routine maintenance of IBCs - requirements
ST/SG/AC.10/C.3/2018/45 (Belgium)	Composite Intermediate Bulk Containers (IBCs): inner receptacle marking
ST/SG/AC.10/C.3/2018/46 (Belgium)	Marking of the date of manufacture on packagings of types 1H and 3H and inner receptacles of composite intermediate bulk containers (IBCs)
Informal document INF.52 (United Kingdom)	Comments on 2018/27, 2018/34, 2018/44, 2018/45, 2018/46 and 53/INF.16: Proposal to convene an IBC Working Group

ST/SG/AC.10/C.3/2018/49 (CEFIC, DGAC) + Informal documents INF.44 (United Kingdom) and INF.53 (CEFIC) Multiple marking of packagings, including intermediate bulk containers (IBCs) and large packagings, indicating conformity with more than one successfully tested design type (part II)

(c) Portable tanks

ST/SG/AC.10/C.3/2018/18 (Canada) Additional provisions applicable to the transport of Class 8 substances in portable tanks

ST/SG/AC.10/C.3/2018/41 (Belgium) Minimum shell thickness for portable tanks used for the carriage of non-refrigerated liquefied gases

ST/SG/AC.10/C.3/2018/42 (Belgium) Holding time: information in the transport document

ST/SG/AC.10/C.3/2018/43 (Belgium) Clarification of TP19

Informal document INF.15 (United Kingdom) Portable tanks with expired inspection dates and those switched from general cargo to dangerous goods content

Informal document INF.54 (Russian Federation) Design pressure calculations

Informal document INF.55 (Russian Federation) Proposal for the new Chapter 6.10: Provisions for the design, construction, inspection and testing of portable tanks with shells made combined materials intended for transportation of class 2 substances (non-refrigerated liquefied gases)

(d) Other miscellaneous proposals

ST/SG/AC.10/C.3/2018/15 (Germany) Editorial correction to the Model Regulations

ST/SG/AC.10/C.3/2018/31 (Germany) Deletion of expired portable tank instructions

ST/SG/AC.10/C.3/2018/40 (Netherlands) Inconsistencies in section 1.1.1.2 (a) between language versions

ST/SG/AC.10/C.3/2018/56 (France) Use of the terms “conductivity” and “conductance” in chapter 6.7

Informal document INF.13 and INF.13/Add.1 (CEFIC) Harmonisation of the requirement “structurally serviceable”

Informal document INF.48 (Russian Federation) On the need to include the term “Flash point” in section 1.2.1 “Definitions”

7. Global harmonization of transport of dangerous goods regulations with the Model Regulations

ST/SG/AC.10/C.3/2018/16 (EIGA)	Proposal to include special provision 653 of the ADR in the Model Regulations
ST/SG/AC.10/C.3/2018/17 (Canada)	Review of Canada's transport of dangerous goods training provisions
ST/SG/AC.10/C.3/2018/39 (Netherlands)	Amendments to 7.1.5.4.5
Informal document INF.35 (DGTA)	Proposal for an informal working group on competency-based training initiatives

8. Cooperation with the International Atomic Energy Agency

ST/SG/AC.10/C.3/2017/33/Rev.1 (WNTI)	Harmonization between the IAEA INFCIRC225 Rev.5 and the Model Regulations
ST/SG/AC.10/C.3/2018/54 (IAEA) + Informal document INF.8 (IAEA)	Harmonization with the International Atomic Energy Agency Regulation for the Safe Transport of Radioactive Material

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) Criteria for water-reactivity

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

(b) Testing of oxidizing substances

ST/SG/AC.10/C.3/2018/35 (France) + Informal document INF.56 (France)	Tests for oxidizing liquids (Test 0.2) and oxidizing solids (Tests 0.1 and 0.3): Consequential amendments of cellulose replacement to test descriptions
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(c) Updating of references to OECD Guidelines

Documents under this agenda sub-item will be considered during the joint session under agenda item 10 (e).

(d) Use of the Manual of Tests and Criteria in the context of the GHS

ST/SG/AC.10/C.3/2018/1 Use of the Manual of Tests and Criteria in the context of
(Chairman of the Working GHS
Group on Explosives) +
Informal documents INF.3,
INF.4 and INF.5 (Chairman
of the Working Group on
Explosives)

(e) Joint work with the GHS Sub-Committee

The TDG and the GHS sub-committees will hold a joint session on the afternoon of Tuesday 3 July 2018. Topics of common interest to be considered during the joint session include:

Updating of references to ISO 10156

ST/SG/AC.10/C.3/2018/2 Update of reference to ISO 10156 in the Model Regulations
(EIGA) and in the Globally Harmonized System of Classification
and Labelling of Chemicals (GHS)

Updating of references to OECD Guidelines

ST/SG/AC.10/C.3/2018/30 Revised OECD Test Guideline 431 allowing sub-
(European Union) categorization for skin corrosion

Informal document INF.34 Applicability of OECD Test Guidelines for the assessment
(CEFIC) of substances or mixtures on corrosivity to skin: comments
on ST/SG/AC.10/C.3/2018/30

Classification of aerosols and chemicals under pressure

ST/SG/AC.10/C.3/2018/5 Proposal to classify chemicals under pressure within
(CEFIC, EIGA) Chapter 2.3 of the GHS

ST/SG/AC.10/C.3/2018/60 Aerosols – Consequential amendments from proposals in
(FEA) ST/SG/AC.10/C.3/2018/5 and ST/SG/AC.10/C.4/2018/9¹

Informal document INF.51 Amendments to chemicals under pressure and aerosols
(Germany)

Review of Chapter 2.1

ST/SG/AC.10/C.3/2018/33 Outline for a potential amended classification system for
(Sweden) explosives in the GHS

Informal document INF.9 A sketch of a revised Chapter 2.1 for the GHS (explosives)
(Sweden)

Informal document INF.33 Technical explosives classification and criteria support for
(IME, SAAMI) an amended classification system for explosives in the GHS

¹ <http://www.unece.org/trans/main/dgdb/dgsubc4/c42018.html>

Informal document INF.46 (Sweden) Status report on the work of the informal correspondence group on the revision of GHS Chapter 2.1 (Explosives)

Classification of physical hazards according to the GHS

Informal document INF.20 (Germany) Classification of physical hazards according to the GHS: which combinations/cross-classification are possible and can be assigned to chemicals

(f) Miscellaneous

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

11. Other business

ST/SG/AC.10/C.3/2018/12 (Switzerland) Availability of label and mark models in electronic format

ST/SG/AC.10/C.3/2018/55 (France) Corrections to the French version of the Model Regulations

ST/SG/AC.10/C.3/2018/57 (Netherlands) + INF.30 (Netherlands) Scope of 1.1.1.2: update of work

Informal document INF.25 (Belgium) Inconsistencies between language versions in 5.4.1.5.1

Informal document INF.58 (IMO) Outcomes from MSC 99

12. Adoption of the report

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