

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

27 June 2024

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Item 4 (c) of the provisional agenda

Electric storage systems:

Transport provisions

Proposal for amendments to document ST/SG/AC10/C3/2024/36

Transmitted by the expert from China

Introduction

1. Following the TDG discussion held on 26 June 2024 on document ST/SG/AC.10/C.3/2024/36, the expert from China proposes to modify the initial request taking into account comments received during the meeting.

Proposals

2. It is proposed to amend the *Model Regulations* as follows (new text is underlined, deleted text is stricken through):

Chapter 2.9, paragraph 2.9.2

3. Amend the name for UN 3536 as follows:

“LITHIUM BATTERIES or SODIUM ION BATTERIES WITH ORGANIC ELECTROLYTE INSTALLED IN CARGO TRANSPORT UNIT, lithium ion batteries, ~~or~~ lithium metal batteries or sodium ion batteries with organic electrolyte”;

Chapter 3.2, dangerous goods list

4. For UN 3536, amend the proper shipping name in column (2) as follows:

“LITHIUM BATTERIES or SODIUM ION BATTERIES WITH ORGANIC ELECTROLYTE INSTALLED IN CARGO TRANSPORT UNIT, lithium ion batteries, or lithium metal batteries or sodium ion batteries with organic electrolyte”;

Chapter 3.3, special provisions

5. In special provision 360, amend the last sentence as follows:

“Lithium batteries or sodium ion batteries with organic electrolyte installed in cargo transport units, designed only to provide power external to the transport unit shall be assigned to entry UN3536 LITHIUM BATTERIES or SODIUM ION BATTERIES WITH ORGANIC ELECTROLYTE INSTALLED IN CARGO TRANSPORT UNIT”;

6. In special provision 388, amend the last sentence of the eighth paragraph as follows:

“Lithium ion batteries, or lithium metal batteries or sodium ion batteries with organic electrolyte installed in a cargo transport unit and designed only to provide power external to the cargo transport unit shall be assigned to the entry UN3536 LITHIUM BATTERIES or SODIUM ION BATTERIES WITH ORGANIC ELECTROLYTE INSTALLED IN CARGO TRANSPORT UNIT, lithium ion batteries, or lithium metal batteries or sodium ion batteries with organic electrolyte”;

7. In special provision 389, amend the last sentence of the eighth paragraph as follows:
- “This entry only applies to lithium ion batteries, or lithium metal batteries or sodium ion batteries with organic electrolyte installed in a cargo transport unit and designed only to provide power external to the cargo transport unit. The lithium batteries shall meet 2.9.4 (a) to (g) The batteries shall meet the requirements of 2.9.4 (a) to (g) for lithium or 2.9.5 (a) to (g) for sodium and contain the necessary systems to prevent overcharge and over discharge between the batteries.”

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8. Amend the name for UN 3536, as follows:
- “LITHIUM BATTERIES or SODIUM ION BATTERIES WITH ORGANIC ELECTROLYTE INSTALLED IN CARGO TRANSPORT UNIT, lithium ion batteries, ~~or~~ lithium metal batteries or sodium ion batteries with organic electrolyte.”
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