



Economic Commission for Europe**Inland Transport Committee****Working Party on the Transport of Dangerous Goods****Joint Meeting of the RID Committee of Experts and the
Working Party on the Transport of Dangerous Goods**

Bern, 25-28 March 2024

Item 5 (a) of the provisional agenda

**Proposals for amendments to RID/ADR/ADN:
pending issues****Harmonization of RID/ADR/ADN with the United Nations
Recommendations on the Transport of Dangerous Goods****Note by the secretariat^{*,**}****I. Introduction**

1. During the preparation of proposals to transpose the amendments to the twenty-second revised edition of the Model Regulations into RID/ADR/ADN, the Ad hoc Working Group on the Harmonization of RID/ADR/ADN with the United Nations Recommendations on the Transport of Dangerous Goods identified potential consequential amendments that might be needed in the Model Regulations and in RID/ADR/ADN.

2. These amendments were discussed during the sixty-second session of the Sub-Committee of Experts on the Transport of Dangerous Goods (hereafter referred to as the Sub-Committee) based on informal document INF.13. Most of them were considered editorial and were adopted. They are already reflected in the draft amendments to RID, ADR and ADN for entry into force on 1 January 2025 adopted by the Joint Meeting (see ECE/TRANS/WP.15/AC.1/170, part VI and Annex II).

3. The Sub-Committee considered that the proposed amendments to 2.0.5.2 (2.1.5.2 in RID/ADR/ADN), P006 and LP03 were not editorial since they consisted in the application of existing provisions for articles containing lithium batteries to articles containing sodium ion batteries. It was recalled that the initial intention was to apply the same provisions for lithium batteries and sodium ion batteries. The Sub-Committee agreed to review these proposed amendments at its sixty-third session (27 November-6 December 2023) based on an official document.

4. At its sixty-third session, the Sub-Committee considered secretariat document ST/SG/AC.10/C.3/2023/57 on this subject. The Sub-Committee confirmed that the provisions of 2.0.5.2, P006 and LP03 for articles containing lithium batteries also applied to

* A/78/6 (Sect.20), table 20.5.

** Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2024/25.



articles containing sodium ion batteries and adopted the corresponding amendments to the twenty-third revised edition of the Model Regulations (see ST/SG/AC.10/C.3/126 and Add.1). These amendments are related to the new texts on sodium ion batteries adopted by the Joint Meeting for entry into force on 1 January 2025 and are necessary for consistency of the adopted texts. Therefore, the Joint Meeting may also wish to adopt them also for entry into force on 1 January 2025 without waiting the cycle of harmonisation with the twenty-fourth revised edition of the Model Regulations.

5. The Sub-Committee also adopted the proposals by the secretariat to simplify the name of the lithium or sodium battery mark in Chapter 5.2 to read “battery mark”. These amendments are presented separately since they are not necessary to ensure consistency of the texts adopted for entry into force on 1 January 2027. The Joint Meeting might decide to defer their adoption for entry into force on 1 January 2027 in accordance with the cycle of harmonisation with the twenty-fourth revised edition of the Model Regulations.

II. Proposals of amendments to 2.1.5.2, P006 and LP03

6. Amend 2.1.5.2 as adopted by the Joint Meeting at its Autumn 2023 session (see ECE/TRANS/WP.15/AC.1/170, part VI and Annex II) to read as follows (new text in bold):

“2.1.5.2 Such articles may in addition contain cells or batteries. Lithium **metal, lithium ion and sodium ion** cells and batteries that are integral to the article shall be of a type proven to meet the testing requirements of the Manual of Tests and Criteria, Part III, sub-section 38.3. For articles containing pre-production prototype lithium **metal, lithium ion or sodium ion** cells or batteries carried for testing, or for articles containing lithium **metal, lithium ion or sodium ion** cells or batteries manufactured in production runs of not more than 100 cells or batteries, the requirements of special provision 310 of Chapter 3.3 shall apply.”

7. Amend the first paragraph of new (5) in 4.1.4.1, packing instruction P006, as adopted by the Joint Meeting at its Autumn 2023 session (see ECE/TRANS/WP.15/AC.1/170, part VI and Annex II) to read as follows (new text in bold):

“(5) Articles containing pre-production prototype lithium cells or batteries **or sodium ion cells or batteries** when these prototypes are carried for testing or production runs of not more than 100 lithium cells or batteries **or sodium ion cells or batteries** that are of a type that **has** not met the testing requirements of the Manual of Tests and Criteria, Part III, sub-section 38.3 shall in addition meet the following:”

8. Amend the first paragraph of new (4) in 4.1.4.3, packing instruction LP03, as adopted by the Joint Meeting at its Autumn 2023 session (see ECE/TRANS/WP.15/AC.1/170, part VI and Annex II) to read as follows (new text in bold):

“(4) Articles containing pre-production prototype lithium cells or batteries **or sodium ion cells or batteries** when these prototypes are carried for testing or production runs of not more than 100 lithium cells or batteries **or sodium ion cells or batteries** that are of a type that **has** not met the testing requirements of the Manual of Tests and Criteria, Part III, sub-section 38.3 shall in addition meet the following:”

III. Additional proposal for changing the name of the battery mark

9. These amendments replace the amendments already adopted by the Joint Meeting to refer to “lithium battery or sodium ion battery mark” (see ECE/TRANS/WP.15/AC.1/170, part VI and Annex II).

3.3.1, SP 188 In (f):

- In the first sentence, replace “lithium battery mark” by “battery mark”.
- In the note, replace “(*lithium battery mark*)” by “(*battery mark*)”.

- In the last paragraph, first sentence, replace “lithium battery mark” by “battery mark”.

5.2.1.9 Amend the heading to read “**Battery mark**”.

5.2.1.9.1 After “lithium cells or batteries”, insert “or sodium ion cells or batteries”.

(Reference document: ECE/TRANS/WP.15/AC.1/2023/23/Add.1 as amended in ECE/TRANS/WP.15/AC.1/170, annex II)

5.2.1.9.1 Replace “special provision 188” by “special provisions 188 or 400”.

(Reference document: ECE/TRANS/WP.15/AC.1/170, annex II)

5.2.1.9.2 Amend the heading of figure 5.2.1.9.2 to read “**Battery mark**”.

5.2.2.1.12.1 Replace “lithium batteries” by “lithium batteries or sodium ion batteries”, and “lithium battery mark” by “battery mark”.
