

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

20 March 2015

Bern, 23–27 March 2015

Item 5 (b) of the provisional agenda

Proposals for amendments to RID/ADR/ADN: new proposals

Exemption for lamps containing gases

Transmitted by the Government of Switzerland

Summary

Executive summary:	With the introduction of sub-section 1.1.3.10, the conditions for the exemption of lamps containing gases of Groups A and O at a pressure not exceeding 200 kPa have changed.
Action to be taken:	Delete the note in 1.1.3.2 (c) and insert a new note in 1.1.3.10 (d).
Related documents:	ECE/TRANS/WP.15/AC.1/2013/31 (para. 7) and Add.1, ECE/TRANS/WP.15/AC.1/2013/HAR/2013/2

Introduction

1. Following the introduction of sub-section 1.1.3.10 “Exemptions related to the carriage of lamps containing dangerous goods”, questions relating to the carriage of lamps containing gases are arising in Switzerland.
2. With the introduction of sub-section 1.1.3.10, a note has been added in 1.1.3.2 (c) relating to gases of groups A and O. The note reads “This exemption does not apply to lamps. For lamps see 1.1.3.10”. In addition, 1.1.3.2 (h) relating to gases contained in light bulbs has been deleted.
3. The provisions of 1.1.3.2 (c) and 1.1.3.2 (h) have been partly reproduced in the new 1.1.3.10 (d). However the conditions for the exemption of lamps containing gases have changed.

Discussion

4. In RID/ADR/ADN 2013, lamps containing gases of Groups A and O at a pressure not exceeding 200 kPa (2 bar) could benefit from the general exemption related to the carriage of gases under 1.1.3.2 (c).

5. This is no longer the case. With the new 1.1.3.10 (d) these lamps are exempted only if “packaged so that the projectile effects of any rupture of the lamp will be contained within the package”.
6. We think it was not the intent of the Joint Meeting. The UN Model Regulations still provide for a general exemption for lamps containing gases of Groups A and O at a pressure not exceeding 200 kPa (see paragraphs 2.2.2.3 and 2.2.2.4).
7. Therefore we propose restoring the same conditions in RID/ADR/ADN as in the UN Model Regulations.

Proposal

8. Delete the Note in paragraph 1.1.3.2 (c).

In paragraph 1.1.3.10 (d), add a note reading:

NOTE: When the pressure of the gas in the lamp at a temperature of 20 °C does not exceed 200 kPa (2 bar), the exemption in 1.1.3.2 (c) applies.

9. To avoid any difficulties with the carriage of waste of such lamps, we propose that this amendment be adopted as a correction to RID/ADR/ADN 2015.
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