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Working Party on the Transport of Dangerous Goods

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Agenda item 4

PROPOSALS FOR AMENDMENTS TO ANNEXES A AND B OF ADR

Part 8: Pocket lamps

Transmitted by the Government of Belgium

Introduction

1. Paragraph 8.1.5 (a) stipulates that every transport unit carrying dangerous goods shall be equipped with “a pocket lamp (see also 8.3.4) for each member of the vehicle crew”.
2. Paragraph 8.3.4 states: “... the lighting apparatus used shall not exhibit any metal surface liable to produce sparks”.
3. Additional requirement S2 (1) in chapter 8.5 stipulates the use of “Ex”-type lamps for the carriage of flammable substances in a closed vehicle.
4. The types of pocket lamp currently authorized by ADR are in fact ranked in order of preference.

Proposal

5. Amend paragraph 8.1.5 (a), fourth indent, as follows: “a pocket lamp **conforming to the provisions of paragraph 8.3.4** for each member of the vehicle crew”.

6. Amend paragraph 8.3.4 thus: “**The pocket lamps used shall not exhibit any metal surface liable to produce sparks**”.

S2 (1) Portable lamps

7. **The cargo area of covered vehicles** carrying liquids having a flash-point of not more than 61° C or flammable substances or articles of Class 2, shall not be entered by persons carrying **pocket lamps** other than portable lamps so designed and constructed that they cannot ignite any flammable vapours or gases which may have penetrated into the interior of the vehicle.

Justification

8. Two types of pocket lamps are allowed, as per paragraphs 8.3.4 and S2, and thus the objection flagged in paragraph 25 of document TRANS/WP.15/188 is taken into account.
9. Any discrepancy between paragraphs 8.1.5 and 8.3.4 is eliminated.
10. The basic principle is preserved: If a pocket lamp is used to inspect a load of flammable substances, for safety reasons it is essential that the pocket lamp should be of the “Ex” type.
11. Flame lamps are no longer used in the twenty-first century.
12. The terminology is based on paragraph 8.1.5 which refers exclusively to “pocket lamp”.

Consequences

13. The text is clearer.
14. The cost is very low: A pocket lamp conforming to paragraph 8.3.4 costs 5 euros.
