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INLAND TRANSPORT COMMITTEE

**Working Party on the Transport
of Dangerous Goods**
(Seventy-second session,
Geneva, 13-17 May 2002)

PROPOSALS OF AMENDMENTS TO ANNEXES A AND B OF ADR

Sub-section 8.1.4 and Part 1 ADR

Amendment to the requirements for fire-fighting equipment

Submitted by the Government of Germany

SUMMARY

Executive Summary:	After several discussions in WP.15 and informal working groups, amendments to the requirements for fire-fighting equipment are proposed.
Action to be taken:	Amendments to sub-section 8.1.4 and - as a consequence - to paragraphs 8.5 S3, 1.6.5.5 and 1.1.3.6.2
Related documents:	TRANS/WP.15/2000/5 (Germany); INF 9 (Norway) concerning TRANS/WP.15/2000/5 (sixty-eighth session of WP.15); INF 3 (United Kingdom) concerning TRANS/WP.15/2000/5 (sixty-ninth session of WP.15); TRANS/WP.15/2001/1 (IRU) (seventieth session of WP.15); INF 3 (Germany - seventieth session of WP.15); TRANS/WP.15/2001/29 (Germany); INF.32 and INF.52 (Germany - seventy-first session of WP.15)

Introduction

After several discussions in WP.15 and informal working groups, Germany had submitted a comprehensive report on the outcome of the work achieved (document TRANS/ WP.15/2001/29). Results of an additional practical test have been documented in INF.32 (seventy-first session). INF.52 contains a change of the proposal made in document TRANS/ WP.15/2001/29.

For all details please see the related documents.

The following proposal also concerns the above-mentioned INF-papers and the informal comments received during the seventy-first session of WP.15.

Proposal

The following amendments are proposed:

8.1.4. Fire-fighting equipment

8.1.4.1 Every transport unit carrying dangerous goods shall, depending on the permissible total weight of the vehicle, be equipped as follows:

- (a) Motor vehicles with a permissible total mass of more than 7.5 tons with two portable fire extinguishers for the inflammability classes A, B and C, with a minimum capacity of altogether 12 kg dry powder (or an equivalent capacity for any other suitable extinguishing agent);
- (b) Motor vehicles with a permissible total mass from 3.5 tons up to and including 7.5 tons with two portable fire extinguishers for the inflammability classes A, B and C, with a minimum capacity of altogether 8 kg dry powder (or an equivalent capacity for any other suitable extinguishing agent);
- (c) Motor vehicles with a permissible total mass of less than 3.5 tons with portable fire extinguishers for the inflammability classes A, B and C with a minimum capacity of altogether 4 kg dry powder (or an equivalent capacity for any other suitable extinguishing agent);
- (d) Transport units carrying dangerous goods in accordance with 1.1.3.6 in deviation from a) – c) with one portable fire extinguisher for the inflammability classes A, B and C, with a minimum capacity of 2 kg dry powder (or an equivalent capacity for any other suitable extinguishing agent).

[Any extinguisher shall have a minimum capacity of 2 kg dry powder (or an equivalent capacity for any other suitable extinguishing agent). *addition based on an informal verbal comment made by the NL-delegation*]

8.1.4.2 The extinguishing agent must be suitable for use on a vehicle and must comply with the requirements of EN 3 and it must be such that its use does not aggravate the fire involving the load.

If the vehicle is equipped with a fixed fire extinguisher, automatic or easily brought into action for fighting a fire in the engine, the portable extinguisher need not be suitable for fighting a fire in the engine.

The extinguishing agents shall be such that they are not liable to release toxic gases into the driver's cab or under the influence of the heat of the fire.

8.1.4.2.1 The portable fire extinguishers conforming to the provisions of 8.1.4.1 shall be fitted with a seal verifying that they have not been used. In addition, they shall bear a mark of compliance with a standard recognized by a competent authority and an inscription at least indicating the date (month, year) of the next recurrent inspection or of the maximum permissible period of use.

The fire extinguishers shall, at least every two years, be subjected to an inspection recognized by the competent authority in order to guarantee their functional safety.

If a system with a permissible period of use is applied the following conditions appear:

- The period of use is maximum five years.
- A periodic visual inspection recognized by the competent authority has to be carried out.

8.1.4.2.2 The fire extinguishers shall be installed at the transport units in a way that they are easily accessible to the vehicle crew at any time. The installation shall be carried out in such a way that the fire extinguishers shall be protected against effects of the weather so that their operational safety is not affected.

8.5 S3 Special provisions for the transport of infectious substances:

Only the provisions of 8.1.4.1 (d) and 8.1.4.2 to 8.1.4.4 shall apply.

1.6.5.5.1 Fire extinguishers complying with the provisions of 8.1.4 applicable until 31 December 2002 may be used until 31 December 2005.

1.1.3.6.2 Part 8 except for ...: replace "8.1.4.1 (a)" by "8.1.4"

Justification and safety implications

The proposal clarifies the current provisions and takes into account both - improvement of safety and economical interests of the industry.

Feasibility and enforceability

No problems are foreseen regarding the new provisions.
