



Economic and Social Council

Distr.: General
8 January 2010
English
Original: French

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, 22–26 March 2010
Item 3 of the provisional agenda
Standards

Standard EN 12493 on LPG tank-vehicles

Transmitted by the Government of France^{1, 2}

Summary

Executive summary: This document proposes that Standard EN 12493 should be updated to avoid difficulties in application.

Action to be taken: Suggest that CEN undertake a review of Standard EN 12493.

¹ In accordance with the programme of work of the Inland Transport Committee for 2006–2010 (ECE/TRANS/166/Add.1, programme activity 02.7 (c)).

² Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2010/37.

Introduction

1. Application of the standards under ADR 6.8.2.6.1 has been compulsory since 1 January 2009. Standard EN 14025 or standard EN 12493 must be applied in the design and manufacture of road tankers for the transport of liquefied petroleum gas.
2. ADR also requires full application of all provisions in Chapter 6.8.
3. Difficulties in application may however be encountered when there is an inconsistency between the regulatory provisions and the standard-setting provisions, or with regard to the provisions of ADR Chapter 4.3.
4. For example, standard EN 12493:2008 does not take into account recent changes in ADR regarding the marking of tanks, with the introduction of the letters P and L to indicate the type of testing.
5. The new provisions in ADR 4.3.2.2.4 on the division of shells into sections with a maximum capacity of 7,500 litres by means of partitions or surge plates, to allow partial filling to between 20 and 80% of capacity, are not taken into account either.

Proposal

6. In order to avoid difficulties in application that may be encountered by manufacturers and the authorities when tanks are approved, we propose that the joint meeting should recommend that CEN undertake a review of Standard EN 12493.

Justification

- | | |
|-------------------------|---|
| Safety: | Improves safety. |
| Feasibility: | No problem. |
| Practical implications: | Will avoid difficulties in application. |
-