
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

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Item 2 of the provisional agenda

Tanks

Transitional measures on the marking for capacitors and cylinders used to transport adsorbed gases.

Transmitted by the secretariat

Introduction

As stated in the Report of the Sub-Committee of Experts on the Transport of Dangerous Goods on its summer 2013 session (ST/SG/AC.10/C.3/86 paras No. 51 and 61), several documents were discussed regarding transitional measures for capacitors and cylinders used to transport adsorbed gases. Excerpts of the paragraphs of the report and adopted amendments related to this issue are reproduced below:

Transitional measures on the marking of capacitors (UN No. 3499 and UN No. 3508)

Document: ST/SG/AC.10/C.3/2013/34 (Japan)

51. The Sub-Committee agreed that capacitors UN Nos. 3499 and 3508 manufactured before 1 January 2014 (UN No. 3499) or 1 January 2016 (UN No. 3508) could continue to be transported without Wh-marking. The organizations responsible for the various modal regulations were invited to introduce these transitional measures into the next version of their respective instruments (see amendments to special provisions 361 and 372 in annex II).

Amendment of packing instruction P208 for cylinders used to transport adsorbed gases

Informal documents: INF.6 and INF.52 (United Kingdom)

61. The amendments proposed in informal document INF.52 in order to introduce a transitional measure for cylinders built before 1 January 2016 were adopted (see annex II).

Adopted amendments:

SP 361 Amend subparagraph (e) to read as follows:

“(e) Capacitors manufactured after 31 December 2013, shall be marked with the energy storage capacity in Wh.”

(Reference document: ST/SG/AC.10/C.3/86/Add.1, annex II)

SP 372 Amend subparagraph (c) to read as follows:

“(c) Capacitors manufactured after 31 December 2015, shall be marked with the energy storage capacity in Wh.”

(Reference document: ST/SG/AC.10/C.3/86/Add.1, annex II)

4.1.4.1, P208 (1) Amend to read as follows:

“(1) The following packagings are authorized provided the general packing requirements of 4.1.6.1 are met:

(a) Cylinders constructed as specified in 6.2.2 and in accordance with ISO 11513:2011 or ISO 9809-1:2010; and

(b) Cylinders constructed before 1 January 2016 in accordance with 6.2.3 and a specification approved by the competent authorities of the countries of transport and use.”

(Reference document: ST/SG/AC.10/C.3/86/Add.1, annex II)

Proposal

Add the following new transitional measures to Chapter 1.6 of ADR:

“1.6.1.28 Electric double layer capacitors of UN No. 3499, manufactured before 1 January 2014, need not be marked with the energy storage capacity in Wh.”

“1.6.1.29 Asymmetric capacitors of UN No. 3508, manufactured before 1 January 2016, need not be marked with the energy storage capacity in Wh.”

“1.6.2.13 Cylinders constructed before 1 January 2016 in accordance with 6.2.3 and a specification approved by the competent authorities of the countries of transport and use, but not in accordance with ISO 11513:2011 or ISO 9809-1:2010 as required in 4.1.4.1, packing instruction P208 (1), may be used for the carriage of adsorbed gases provided the general packing requirements of 4.1.6.1 are met.”
