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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, 12–16 March 2018

Item 2 of the provisional agenda

Tanks**Use of austenitic-ferritic stainless steels for tank construction
according to RID/ADR 6.8.5**

Transmitted by the Government of France*

Summary

Executive summary: Adapt the addition of austenitic-ferritic stainless steels to 6.8.5 for materials used in the construction of tanks for the transport of refrigerated liquefied gases

Action to be taken: Amend 6.8.5.1.2 (a) of RID/ADR

Reference documents: ECE/TRANS/WP.15/AC.1/2017/148/Add.2, Item 9

Introduction

1. During the discussion on document INF. 13 (Germany) in September 2017, the working group on tanks recognized that a reference to austenitic-ferritic stainless steels was missing from 6.8.5.1.2 (a) and agreed to the addition of one. However, it was remarked that, in the case of tanks for the transport of refrigerated carbon dioxide, the working temperature could be below 40 °C. This temperature was placed in square brackets pending its verification.

2. In November 2017, the Working Party on the Transport of Dangerous Goods and the RID Committee of Experts' standing working group adopted the following amendment.

6.8.5.1.2 (a) At the end, add the following new indent:

* In accordance with the programme of work of the Inland Transport Committee for 2018–2019 (ECE/TRANS/WP.15/237, annex V (9.2)).



“– Austenitic-ferritic stainless steels, down to a temperature of [-40 °C];”.

3. In the case of tanks intended for the carriage of UN No. 2187, refrigerated liquid carbon dioxide, the lowest working temperature may be -60 °C, as follows:

“– Austenitic-ferritic stainless steels, down to a temperature of -60 °C;”.

Proposal

We propose to adopt the following corrigendum to the draft amendments for entry into force on 1 January 2019:

Amendment of Part 6, Chapter 6.8, 6.8.5.1.2 (a), last indent to be added

Instead of -40 °C read -60 °C.
