

## Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

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### Sub-Committee of Experts on the Transport of Dangerous Goods

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Item 7 of the provisional agenda

#### Global harmonization of transport of dangerous goods regulations with the Model Regulations

## Proposal to insert the definition “Reference steel” in section 1.2.1 of the UN Model Regulations

### Transmitted by the observer from Romania

### Introduction

1. The current text of RID/ADR/ADN includes a definition of “Reference steel” in section 1.2.1, as follows:

“*Reference steel* means a steel with a tensile strength of 370 N/mm<sup>2</sup> and an elongation at fracture of 27%.”

2. The Romanian delegation attending the RID/ADR/ADN Joint Meeting in September 2014, proposed in the informal document INF. 35 to delete the definition “*Reference steel*” in 6.7.2.1, 6.7.3.1 and 6.7.4.1 and all references be made to 1.2.1.

3. Our document was discussed in the Tank Working Group of the RID/ADR/ADN Joint Meeting, that decided as follows:

“The Working Group considered the proposals from Romania to modify chapter 6.7 in light of the adopted definition for “*reference steel*” in 1.2.1. The Group agreed however that, even though currently the definitions in 1.2.1 and 6.7 are aligned, it was best not to modify the text in 6.7 since this text is taken over directly from the UN Model Regulations and is harmonised with the other modes of transport.”

4. Further analysing the subject, the expert from Romania found out that the definition for “Reference steel” in 1.2.1, is in place in RID/ADR since the 2001 (the first restructured edition) and it coexisted with the similar texts in 6.7.2.1, 6.7.3.1 and 6.7.4.1.

5. A more ecological solution could be envisaged for the UN Model Regulations. The definitions of “*Reference steel*” in 6.7.2.1, 6.7.3.1 and 6.7.4.1 could be deleted from these paragraphs and the text could be inserted in section 1.2.1 Definitions, thus becoming applicable for the whole text of the regulations.

6. From the point of view of text construction, the proposed solution covers all the aspects because the term “*Reference steel*” is used in Chapter 4.2 and Chapter 6.5 also (e.g. 4.2.5.2.2, 4.2.5.2.6 and 6.5.5.1.6).

7. The proposal is consistent with the Guiding Principles for Chapter 1.2 – definitions and units of measurements which stipulate: “*Definitions and units of measurements of general*

*applicability used throughout the Model Regulations are listed here. However, some additional definitions that are specific to relevant Chapters of the Model Regulations are found at the beginning of those Chapters (such as the definition of ‘security’ found in Note 2 to Chapter 1.4.).”*

## **Proposal**

8. Insert the definition “*Reference steel*” in section 1.2.1 Definitions, as follows:  
“*Reference steel* means a steel with a tensile strength of 370 N/mm<sup>2</sup> and an elongation at fracture of 27%;”.
  9. Delete the definitions of “*Reference steel*” from 6.7.2.1, 6.7.3.1 and 6.7.4.1.
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