



# Economic and Social Council

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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, 22–26 March 2010

Item 3 of the provisional agenda

##### Standards

## Reference to standards EN 473 and ISO 9712

### Special provision TT8

Transmitted by the Government of Belgium<sup>1, 2</sup>

### Introduction

1. In section 6.8.4, special provision TT8 relating to testing calls for magnetic particle inspections for tanks used to carry anhydrous ammonia (UN No. 1005). We propose supplementing TT8 to specify that such inspections should be carried out by personnel certified in the use of non-destructive tests. We propose adding a reference to standards EN 473 and ISO 9712.

### Proposal

2. Add to TT8 (new text in bold):

TT8 Tanks on which UN 1005 AMMONIA, ANHYDROUS is marked in accordance with 6.8.3.5.1 to 6.8.3.5.3 and constructed of fine-grained steel with a yield strength of more than 400 N/mm<sup>2</sup> in accordance with the

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<sup>1</sup> 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)).

<sup>2</sup> Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2010/20.

material standard, shall be subjected at each periodic test according to 6.8.2.4.2, to magnetic particle inspections to detect surface cracking.

For the lower part of each shell at least 20% of the length of each circumferential and longitudinal weld shall, together with all nozzle welds and any repair or ground areas, be inspected.

If the marking of the substance on the tank and/or tank plate is removed, a magnetic particle inspection shall be carried out and these actions recorded in the inspection certificate attached to the tank record.

**Such magnetic particle inspections shall be carried out by personnel certified in accordance with standard EN 473 or standard ISO 9712.**

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