



# 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, 23–27 March 2015

Item 2 of the provisional agenda

#### Tanks

## Periodic inspection of tanks with protective internal linings

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

### *Summary*

**Executive summary:** The purpose of this document is to find out the opinion of the experts about the problems that can be posed by hydraulic pressure tests carried out during periodic inspections of tanks with protective internal linings.

### Introduction

1. For certain chemicals that can be transported only in tanks with protective internal linings, the use of thermosetting resins is sometimes recommended.
2. Thermosetting resins have some very useful qualities. Specifically, they are chemically resistant, highly impermeable and can be repaired with cold welding, which makes repairs easier. However, during periodic inspections, hydraulic pressure tests can damage these linings, and cracks may be detected.

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<sup>1</sup> In accordance with the programme of work of the Inland Transport Committee for 2014–2015 (ECE/TRANS/240, para. 100; ECE/TRANS/2014/23, cluster 9, para. 9.2).

<sup>2</sup> Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2015/16.



## **Proposal**

3. We would like to know the opinion of the experts regarding these problems and to find out whether specific conditions or alternatives to the hydraulic pressure test may be considered.

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