

OTIF



**ORGANISATION INTERGOUVERNEMENTALE POUR
LES TRANSPORTS INTERNATIONAUX FERROVIAIRES**

**ZWISCHENSTAATLICHE ORGANISATION FÜR DEN
INTERNATIONALEN EISENBahnVERKEHR**

**INTERGOVERNMENTAL ORGANISATION FOR INTER-
NATIONAL CARRIAGE BY RAIL**

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Original: French

**RID: Exchange of experiences for recognized experts in accordance with paragraph
6.8.2.4.6 of RID
(Berne, 13 May 2008)**

Proposed topics for discussion transmitted by Spain

1. Internal inspection of the condition of tank-wagons in the course of the intermediate inspections and the periodic inspections

The following provisions apply in Spain to the internal inspection of the condition of tank-wagons:

1. Every four years an inspection of the internal and external condition of the shell and its equipment is carried out, taking into account the substances carried. However, in the following cases no inspection of the internal condition is prescribed as mandatory:
 - single compartment tanks intended for the carriage of one substance only,
 - tanks for which a manhole cover is not prescribed,
 - with the agreement of the competent authority.

In cases where it is prescribed as mandatory, the internal inspection is carried out without a protective mask when the tank is completely empty and clean. It must be ensured beforehand that the atmosphere inside the shell is safe.

A wall thickness test is also carried out.

2. The same inspection has to be carried out every eight years, but the exceptions listed in paragraph 1 do not then apply.

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3. In addition, for tanks of Class 2, an inspection is carried out every four years inside the tank of the condition of the surface of the weld seams and the transition zones, using non-destructive test methods (liquid penetration or magnetic particles).

However, for tank-wagons for gases of Class 2 without corrosive properties, the inspections listed above may, with the agreement of the competent authority, be performed every eight years (instead of every four years) in conjunction with the hydraulic pressure test.

4. The special case of bromine and certain other toxic gases could be given consideration at the exchange of experiences.

2. Earth connection between the bogie and the superstructure and the bogie axles (criteria)

UIC leaflet 533 should be examined carefully with regard to this issue.

3. External inspection of the condition of the tank-wagon and determination of acceptable level of corrosion
