

Changes in RID

with effect from 1 January 2017

UIP

Report

Preamble

The new provisions of the Regulations concerning the International Carriage of Dangerous Goods by Rail (RID) are in force since the 1st of January 2017. This UIP Guidelines should facilitate the understanding of the changes introduced in the new version of the RID. The following document focuses on topics relevant to operators, keepers and ECM of tank wagons.

The new RID 2017 replaces the 2015 edition. However, in accordance with the transitional provisions, the provisions of RID 2015 may continue to be applied until 30 June 2017. RID applies to the international carriage of dangerous goods by rail between the 44 existing RID Contracting States in Europe, Asia and North Africa. In the Member States of the European Union, RID applies to national and international transport.

Drafted by UIP Topical Committee Safety

Point 1.2.1- Definition of the maximum working pressure (gauge pressure)

Maximum working pressure (gauge pressure) means the highest of the following three pressures, that may occur at the top of the tank in the operation position:

- filling pressure
- discharge pressure
- effective gauge pressure to which the tank is subjected by its contents

Inserted Note: "Maximum working pressure is not applicable to gravity-discharge tanks acc. 6.8.2.1.14 (a)"

Point 1.4.3.5 - Change in the responsibilities of keeper regarding ECM

The keeper receives new responsibilities:

- Paragraph b (responsibilities for maintenance) has been deleted – see now ECM

NEW: The keeper shall ensure that:

- the results of the activities as required in (a) and (b) are recorded in the tank record;
- the entity in charge of maintenance (ECM) assigned to the tank-wagon holds a valid certificate covering tank-wagons for dangerous goods;

- the information made available to the ECM as defined in Article 15a §3 of ATMF – Appendix G to COTIF – and in Article 5 of Annex A to ATMF also covers the tank and its equipment.

Inserted Note: "The tank-wagon operator may transfer the organisation of inspections according to Chapter 6.8 to an entity in charge of maintenance (ECM)"

Point 1.4.3.8 - New responsibilities of the entity in charge of maintenance (ECM)

In the context of 1.4.1, the entity in charge of maintenance (ECM) shall in particular ensure that:

- the maintenance of tanks and their equipment is carried out in such a way as to ensure that, under normal operating conditions, the tank-wagon satisfies the requirements of RID;
- the information as defined in Article 15 a § 3 of ATMF – Appendix G to COTIF – and in Article 5 of Annex A to ATMF also covers the tank and its equipment;
- the maintenance activities concerning the tank and its equipment are recorded in the maintenance file.

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Point 4.3.3.5 - Holding time of refrigerated liquefied gas

For each journey the actual holding time has to be determined on the basis of the following:

- The actual filling density;
- The actual filling pressure;
- The deterioration of the insulation
- ...

Tanks shall not be offered for carriage:

- ...
- Unless the actual holding time for the refrigerated liquefied gas being carried has been determined;
- Unless the duration of carriage, after taking into consideration any delays which might be encountered, does not exceed the actual holding time;
- ...

The date at which the actual holding time ends shall be entered in the transport document (see 5.4.1.2.2(d)).

Point 6.8.2.6.1 - Update of the table of applicable standards for construction

Quote of standard EN 14025 version 2013, but without Appendix B (explosion pressure shock resistance)

Thus calculation according TRT 006 stays valid and revision of EN 14025 is already started to include revised Appendix B in RID 2019.

Regulations to perform welding operations

Clarification: Regulations apply to manufacturers

- The ability of the manufacturer to perform welding operations shall be verified and confirmed by either the competent authority or by the body designated by this authority, which issues the type approval.
- Weld quality assurance system
- Definition of the extent of checks according to type of welds (i.e. 10% of all circumferential welds)
- Determination of the extension of the checks in case of detection of defects

A specific regulation regarding maintenance / repair is missing and shall be discussed in future as non-uniform interpretation in Europe.

For the full version: see [new version of RID in force from 1 January 2017](#)

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