

INF.3

1b-Design and construction of vehicles: specification method; functional/technical solutions

ITEM 1: 6.8.2.1.2

“Tank-wagons shall be constructed so as to be capable of withstanding, under the maximum permissible load, the stresses which occur during carriage by rail. As regards these stresses, reference should be made to the tests prescribed by the competent authority.”

Decided

Wagon-specific aspects to be dealt with in rail requirements, e.g. TSI or related standards, e.g. EN 12663

RID should be linked to real tank aspects

Current status

Some ideas for consideration of specific tank-related aspects implemented in Wagon TSI Guide

Revision of EN 12663 Part 2 “freight wagons” started in April 2022

EN 12663-2

- Procedural basics under current discussion
 - Testing versus calculation
 - Different situations freight versus passenger
- Interface between wagon and load in modular systems and intermodal transportation, to be decided
 - load cases to be assumed? (See item 3)
- Requirements for tanks according to RID or even PED, to be decided
 - Permissible stresses in tank shell in relation to load cases?

Longer process to be expected – outcome?

Proposal:

CEN TC 256 WG 2 (EN 12663) has already started

Outcome expected within next 1-2 years

For now:

Wording in TSI guide should be sufficient