

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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**RID: 42nd Session of the Committee of Experts on the Transport of Dangerous Goods
(Madrid, 21 - 25 November 2005)**

Subject: 6.8.2.2.3 – Hermetic closure

Proposal transmitted by Germany

Summary

At the Joint Meeting in March 2005, it was decided to delete special provision TE 15 from section 6.8.4 (b) and to include the requirements of TE 15 in the definition of hermetically closed tank in 1.2.1 on the one hand, and in paragraph 6.8.2.2.3 on the other. In addition to the Joint Meeting's decision, for RID, self-operating ventilation valves must be included in 6.8.2.2.3.

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Proposal

Amend RID paragraph 6.8.2.2.3 to read as follows (amendments are highlighted in **bold**):

"6.8.2.2.3 Tanks that are not hermetically closed may be fitted with vacuum valves or with self-operating ventilation valves to avoid an unacceptable negative internal pressure; these ~~vacuum-relief valves~~ **valves** shall be set to relieve at a vacuum setting not greater than the vacuum pressure for which the tank has been designed (see 6.8.2.1.7).

Hermetically closed tanks may not be fitted with vacuum valves **or with self-operating ventilation valves.**

However, tanks with tank code SGAH, S4AH or L4BH, fitted with ~~vacuum~~ **these valves** which open at a negative pressure of not less than 21 kPa (0.21 bar) shall be considered as being hermetically closed. For tanks intended for the carriage of solid substances (powdery or granular) of packing group II or III only, which do not liquefy during transport, the negative pressure may be reduced to not less than 5 kPa (0.05 bar).

For tanks with self-operating ventilation valves, the connection between the self-operating ventilation valve and the bottom valve shall be so arranged that the valves do not open in the event of deformation of the tank or the contents cannot escape in the event of their opening.

Vacuum valves and self-operating ventilation valves used on tanks intended for the carriage of substances meeting the flash-point criteria of Class 3, shall prevent the immediate passage of flame into the tank, or the shell of the tank shall be capable of withstanding, without leakage, an explosion resulting from the passage of the flame."

Justification

In this case, self-operating ventilation valves are equivalent to vacuum valves and were taken into account in the deleted TE 15 in the same way.
