

**Vacuum-operated waste tanks
Chapters 4.5 and 6.10 of ADR**

Transmitted by the Government of Germany

Summary

Chapters 4.5 and 6.10 are restricted to fixed or demountable tanks within the scope of ADR, although the need exists for the carriage of waste in vacuum-operated tank-containers (tank swap bodies). Such operations should also be possible in vacuum-operated waste tank-containers and/or tank swap bodies.

Procedure to be followed

Extension of chapters 4.5 and 6.10 of the ADR to cover tank-containers and tank swap bodies.

Introduction

An operation for the carriage of waste in vacuum-operated tank-containers or tank swap bodies is not regulated by the current provisions of ADR. Depending on the economic environment, there is a need for transport of this type. These operations should also be possible in vacuum-operated tank-containers and tank swap bodies.

Proposal

Chapter 1.2

ADR: Add “tank-container or tank swap body” after “demountable tank”.

Chapter 4.5

ADR: 4.5.1.1 Read:

“Wastes constituted by substances of classes ... may be carried in tank-containers or tank swap bodies. Substances assigned to tank code L4BH in column (12) of Table A in Chapter 3.2 or to another tank code permitted in accordance with the hierarchy in 4.3.3.1.2 may be carried in vacuum-operated waste tanks with the letter “A” or “B” in part 3 of the tank code.”

ADR: 4.5.1.1 End, add “tank-container or tank swap bodies”.

Chapter 6.10

ADR: 6.10 NOTE 2: End, add “tank-containers or tank swap bodies”.
6.10.4 Inspection

reword:

“Vacuum-operated waste tanks shall be subjected to an internal and external examination at least every

three years

| two and a half years.”

Justification

Because the safety level of tank-containers is at least as high as for tank-vehicles, a limitation of the scope of Chapter 4.5 and 6.10 cannot be justified from a technical safety point of view.

Final remark

This INF. Document is related to the German proposal submitted to the Joint RID/ADR Meeting in March as Document OCTI/RID/GT-III/2002/11 and being discussed during the Joint Meeting Tank Working Group (TWG) held the week before. The original intention of the German proposal was to introduce into RID/ADR vacuum-operated waste tank-containers and tank-swap bodies in addition to the present requirements for vacuum-operated waste tank-vehicles of Chapter 4.5 and 6.10 ADR. The results of the discussion in the TWG were as follows (see Tank Working Group Report, INF. 39, 20 March, 2002):

“There are no objections to applying the ADR-scope regulations for vacuum-operated waste tanks to tank-containers etc. However there are a number of questions that have to be clarified with respect to the takeover of corresponding regulations for tank containers, etc. into the RID; these questions relate to:

- the protection and/or adequate fixation of the suction facility on the upper tank side (to prevent possible contact with the contact wire).
- the energy supply for tank facilities during transport.

The TWG thus recommends splitting the application. As far as the forthcoming Joint RID/ADR Meeting is concerned, only the regulation supplement for tank-containers in the ADR should be applied for – and this, as already mentioned, is approved by the group. It is thus proposed to forward to the Joint RID/ADR Meeting an edited INF. document that takes into account the above discussed aspects.

After the questions mentioned have been clarified, another application for taking over tank containers and tank swap-bodies as vacuum-operated waste tanks within the framework of the RID could then be forwarded to the next RID/ADR Joint Meeting.”

Therefore, the WP. 15 is asked to adopt the proposal concerning the additional requirements related to tank-containers/tank swap bodies for ADR-purposes as presented before.
