
Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods

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Tanks

Tanks: RID/ADR 2017 - Application of the equipment standards EN 14432 and EN 14433 for metallic tanks with a working pressure not exceeding 0.5 bar

Transmitted by the Government of Germany

Introduction

1. In the table in 6.8.2.6.1 RID/ADR 2015 the standards EN 14432 and EN 14433 are listed under the headline “**For all tanks**”. Insofar the application of these standards is also possible for tanks with a working pressure not exceeding 0.5 bar. In addition, from the point of safety it seems to be no problem by using “pressure” equipment for “low pressure” tanks.

2. In the RID/ADR 2017 these standards are listed under the new headline in the table in 6.8.2.6.1 “**For equipment**”. Therefore the scope of the standards is relevant for the range of application.

The scope of EN 14432:2014 reads as follows:

“This European Standard specifies the requirements for product discharge and air inlet valves for use on transportable tanks with a minimum working pressure greater than 50 kPa for the transport of dangerous goods by road and rail.

It is applicable to metallic equipment for use on tanks with gravity and/or pressure filling and discharge for liquid chemicals and liquefied gases. It includes carbon dioxide while excluding refrigerated liquefied gases.” ...

The scope of the EN 14433:2014 is in principle similar.

3. Due to this, Germany rises the question to the tank working group: Is the application of these standards for tanks with a working pressure not exceeding 0.5 bar according to RID/ADR 2017 furthermore possible?
