
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

7 September 2021

Geneva, 21 September – 1 October 2021

Item 2 of the provisional agenda

Tanks

Request of UIP on behalf of CEN TC 296 WG 3

Qualification for welding – Interpretation of EN 14025

Transmitted by the International Union of Wagon Keepers (UIP)

1. During the revision of EN 14025 “Design and Construction of Tanks”, which is referenced in RID/ADR it was presented that:

EN ISO 15614 dealing with “Qualification for Welding” when it was developed as an ISO standard, two levels have been created. In the introduction of this standard, it is to be read:

Level 1 is based on ASME and

Level 2 is based on earlier European Standards.

2. It must be stated that within European use we do not have a harmonized approach:

Some countries and its bodies are of the opinion that EN 14025 is based on European Standard EN 13445 – the European Pressure Vessel Code and this means that manufacturers of tanks need to be certified according to level 2.

Additional argument of this party is the concrete requirement in Annex ZA of this standard for PED.

Other countries are of the opinion that RID/ADR are not concretely based on European Standards. Even more the calculation based on test pressure is coming from ASME and so level 1 shall be sufficient for the certification of the manufacturer.

3. As the efforts to fulfil level 2 are higher (more tests required as the scope of tests is more restrictive), the concrete question of WG 3:

Is it of free choice of the manufacturer of tanks which level he might select and he is allowed to supply RID/ADR tanks according to EN 14025 with a welding certificate of level 1?

or

Is it RID/ADR requirement to fulfil level 2 and then shall be added in EN 14025 to have a joined and common approach?

4. As within the WG itself and as well on the WG dealing with standards under “Joint Meeting” no common opinion could be generated, we like to ask the Tank Working Group for its opinion in this specific technical question.
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