Outcome of discussion on document
ECE/TRANS/WP.15/AC.1/2022/21, informal documents
INF.6 and INF.30 by the Working Group on Tanks

Transmitted by the Chairman of the Working Group on Tanks

Introduction

1. After discussion in the Working Group on Tanks on document
ECE/TRANS/WP.15/AC.1/2022/21, informal documents INF 6 and INF 30 the option 2 of
document 2022/21 was agreed to be the clearest solution to solve the issue raised by the
Russian Federation.

Proposal

2. Amend 6.8.2.1.17 to read (new wording bold underlined):

“6.8.2.1.17 The shell thickness shall not be less than the greater of the values
determined by the following formulae:

\[ e = \frac{P_T D}{2 \sigma \lambda} \]
\[ e = \frac{P_C D}{2 \sigma} \]

where:

- \( e \) = minimum shell thickness in mm
- \( P_T \) = test pressure in MPa
- \( P_C \) = calculation pressure in MPa as specified in 6.8.2.1.14 or in the table of
  4.3.3.1.1
- \( D \) = internal diameter of shell in mm
- \( \sigma \) = permissible stress, as defined in 6.8.2.1.16, in N/mm²
- \( \lambda \) = a coefficient not exceeding 1, allowing for any weakening due to welds,
  and linked to the inspection methods defined in 6.8.2.1.23.

The thickness shall in no case be less than that defined in

6.8.2.1.18 /6.8.2.1.18 to 6.8.2.1.20.”

6.8.2.1.21.