

4th Meeting of the IWG on Hydrogen and Fuel Cell Vehicles
Global Technical Regulation No. 13 (Phase 2)
October 16-18, 2018

TF 3 Remaining Issues

Editorial comments to be addressed later

New test procedures need to be drafted

Contentious issues:

1. EIGA presented WG 24 refuelling risk assessment which identified risks for tank over-temperature scenarios possibly necessitating the addition of tests to cover 95°C and 140°C gas temperatures.
TF 3 to solicit results of EIGA industry working group (Paul Karzel)
2. There is no definition for steady state for the gas permeation test
Steady state definition agreed, but discussion to be continued regarding continuing the test indefinitely or including a 500 h hard stop with extrapolation of steady state value
To be discussed with TF 1 and 4
3. Storage systems containing repeating element tanks, i.e. 2 or more tanks of the same dimension and component and piping configuration, should be allowed to undergo a single tank pneumatic sequential test.
To be discussed with TF 1 and 4
4. Modifications to fire testing procedure
To be discussed with TF 1 and 4

TF 3 requires the Word version of the regulation to begin incorporating the proposed changes

TF 3 anticipates one more in-person meeting to complete its mandate.