

## Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

30 June 2021

### Sub-Committee of Experts on the Transport of Dangerous Goods

#### Fifty-eighth session

Geneva, 28 June-2 July 2021

Item 6 (c) of the provisional agenda

#### Miscellaneous proposals for amendments to the Model Regulations on the Transport of Dangerous Goods: portable tanks

## Results of the fire test of FRP portable tank

### Submitted by the Russian Federation

#### General

1. Keeping in mind the discussion of the Sub-Committee on the fire testing and resilience of fibre-reinforced plastics (FRP) portable tanks the Russian Federation invites to note the detailed information on the fire test performed (Annex I).

#### Requested actions

2. The Russian Federation invites the Sub-Committee to note the above.

Fire resistance tests of the portable tank according to 6.9.2.13 and 6.9.4.3.4 ADR.

The tank filled with 80% water was exposed to an open flame for 30 minutes (2.5 tons of diesel fuel burned out)..

The steel frame was damaged and deformed significantly. No burnouts of the vessel were observed.

The frame deformed the shell (see the last picture) but no leaks were found.







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