

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

5 July 2023

Sub-Committee of Experts on the Transport of Dangerous Goods

Sixty-second session

Geneva, 3-7 July 2023

Item 6 (c) of the provisional agenda

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

**Comments of the Informal working group on fibre reinforced
plastics service equipment for portable tanks on document
ST/SG/AC.10/C.3/2023/20**

**Transmitted by chair of the Informal working group on fibre
reinforced plastics (FRP) service equipment for portable tanks**

I. Introduction

1. According to the request of the Sub-Committee Chair the Informal working group on FRP service equipment for portable tanks invited the expert from Poland to its meeting and comprehensively discussed document ST/SG/AC.10/C.3/2023/20 submitted by Poland.

Summing up the comments of the working group agreed with expert from Poland, the definitions of "FRP tank" and "FRP shell" proposed for 6.9.2.1 of the Model Regulations are agreed to be modified in consistence with definitions of "Shell" and "Portable tank" given in 6.7.2.1.

The working group would like to express great appreciations to distinguished expert from Poland for fruitful discussion.

II. Discussions in the working group

2. Appropriateness of dividing of the shell for cylindrical section and heads or ends.
3. Appropriateness of design and manufacturing of metallic heads or ends for FRP shell.
4. Update of 6.9.2.2.3.14.1 and 6.9.2.8.1 according to the definitions of "FRP shell" and "FRP portable tank" proposed by the working group.

III. Actions requested

5. The Sub-Committee is invited to consider the definitions of "*FRP shell*" and "*FRP portable tank*" for 6.9.2.1 as modified by the working group together with expert from Poland.

6. The Sub-Committee is invited to adopt the proposed definitions in 6.9.2.1 (new text is underlined, deleted text in ~~strike through~~):

FRP shell means the part of the portable tank manufactured from FRP, which retains the substance intended for transport (tank proper), including openings and their closures, but does not include service equipment or external structural equipment. Openings and their closures may be manufactured from metallic materials or FRP;

~~FRP shell means a closed part of cylindrical shape with an interior volume intended for transport of chemical substances;~~

FRP portable tank means a portable tank constructed with an FRP shell.

~~FRP tank means a portable tank constructed with an FRP shell and ends (heads), service equipment, safety relief devices and other installed equipment;~~

7. Update term “*FRP tank*” given in 6.9.2.2.3.14.1 and 6.9.2.8.1 for “*FRP portable tank*”.
