



To :	Safety fuel tank manufacturers, test houses and ASNs		
From :	FIA Safety Department	Ref. :	FIASDH-25-010
Date :	03 November 2025	Pages :	1

Subject :	NEW FIA STANDARD 8875-2025 "SAFETY FUEL TANKS"
------------------	--

We would like to inform you that the FIA recently published a new FIA Standard for Safety Fuel Tanks, which can be found on the FIA website [here](#).

This new FIA Standard for Safety Fuel Tanks is an evolution and improvement of the standards FT3-1999, FT3.5-1999, and FT5-1999 "Safety Fuel Bladders." **This new standard is based on research conducted by the FIA on fuel bladders currently used in competition.**

This new FIA Standard introduces **enhanced design and performance requirements** that leverage the latest advancements in materials engineering and manufacturing processes. **It also incorporates test conditions that more accurately replicate real-world operating environments.**

The **current Fuel Tank definition** (3, 3.5, 5) will be replaced with the new definition of Grade 1 Advanced Fuel Tank and Grade 2 Competition Fuel Tank.

Plastic tanks are now explicitly authorised as they **must satisfy the requirements of this FIA Standard.**

Additionally, test procedures have been fully modernised to align with current industry capabilities and state-of-the-art validation practices.

MAIN STANDARD IMPROVEMENTS

- Introduction of hot and wet pre-conditioning for tensile test samples.
- Evaluation of tensile test results in terms of energy absorbed.
- Introduction of hot pre-conditioning for puncture test samples.
- Introduction of hot and wet pre-conditioning for tear test samples.
- Evaluation of tear test results in terms of energy absorbed.
- Introduction of a permeability test.

We remain fully at your disposal for any further information you may require.

The Safety Department