



To :	Extinguisher manufacturers, test houses and ASNs	Ref. :	FIASDH-22-001
From :	FIA Safety Department		
Date :	05 January 2022	Pages :	2
Subject :	New FIA Standard 8876-2022		

New FIA Standard 8876-2022 “Plumbed-In Fire Suppression System for Open Cockpit Cars”

Dear Sir or Madam,

We would like to inform you that the FIA recently published a new FIA standard for Plumbed-In Fire Suppression System for Open Cockpit Cars, which can be found on the FIA website at the following link (https://www.fia.com/sites/default/files/8876-022_open_cockpit_suppression_systems.pdf).

The goal was to create a new FIA standard with several improvements in relation to the current FIA standard for plumbed-in fire extinguisher systems in competition cars aligned with FIA Standard 8865-2015 for Closed Cockpit Cars.

The improvements are as follows:

- i. precisely defined fire test rig and test procedures;
- ii. carrying out of tests is always done on similar fire test rigs in a controlled environment (tests to be carried out in a closed facility);
- iii. providing for a much larger fire simulation than was the case with the former standard;
- iv. precisely defined electrical box design requirements, allowing the same testing/activation mode to be used, irrespective of the manufacturer;
- v. alignment of several tests with EN standards;
- vi. approved extinguishing medium according to the type of fuel;
- vii. defined corrosion tests;
- viii. repeatability of tests to ensure product quality control throughout the post-homologation tests;
- ix. improved quality control through the new labelling system, similar to the system already used for several items of FIA safety equipment.



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Ivo Palmeira', with several overlapping loops and strokes.

Ivo Palmeira

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