



To :	Extinguisher manufacturers and ASNs	Ref. :	FIASDH-22-004
From :	FIA Safety Department		
Date :	30 March 2022	Pages :	2
Subject :	Update of FIA Standard 8865-2015 and 8876-2022		

We hereby inform you that the FIA has updated FIA Standards 8865-2015 and 8876-2022.

8865-2015:

Following the successful deployment of an extinguisher standard for closed cockpit cars in 2015, a new FIA standard related to plumbed-in fire suppression systems for open cockpit cars (8876-2022) was published at the December 2021 WMSC. The FIA standard for open cockpit cars was developed in consultation with the extinguisher manufacturers and FIA-approved laboratories.

During that process, it was agreed to review several articles of the FIA Standard 8865-2015 in order to clarify several points and to include several clarifications agreed upon by the FIA and manufacturers and laboratories, but which were not reported in any regulatory document. With the exception of the update of the electronic box requirements, all other updates are just clarifications of the standard; they do not rule out any approved system. Only newly approved electronic boxes need to meet the new requirements.

The updated FIA Standard 8865-2015 "Plumbed-In and Handheld Extinguishers" is available on the [FIA website](#).

8876-2022:

The updated FIA Standard 8876-2022 "Plumbed-In Fire Suppression Systems for Open Cockpit Cars" is also available on the [FIA website](#).

As plumbed-in fire suppression systems must work between -15°C and 80°C, the pressure inside the suppression system bottle is dependent of the temperature and increases with the temperature. It is important to ensure that the bottle does not burst in any way. In order to guarantee that the bottle does not burst, in addition to a pressure release valve requirement, the standard requires a burst test in relation to the test pressure, and the test pressure must be correlated to the higher pressure of the bottle during working conditions. Therefore, the test pressure must be related to the pressure at 80°C and not ambient temperature.



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The article states the following:

“3. DEFINITIONS

.../...

3.10 Test pressure: Ph

The test pressure shall not be less than 1.5 times the **maximum** service pressure ~~at ambient temperature.~~”

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

Safety department