

FORMULA DRIFT®

PRO Technical Regulations

2017

U.S. Version 3.0

7.8 FIRE SUPPRESSION SYSTEM

- A. All vehicles must have an on-board fire extinguishing system.
- B. The bottle must be mounted so that it can be removed easily for verification of full charge by weighing.
- C. A nozzle outlet must be directed into the driver compartment, but must not be pointed directly at the driver. There shall also be a nozzle outlet in the fuel cell compartment and in the engine compartment.
- D. If the fuel cell compartment is under the vehicle, or the stock fuel tank is being used, the third nozzle shall be pointed at where the fuel lines come off the fuel tank/ cell or at the OE fuel tank access panel.
- E. All fire systems shall be serviced and recertified every two years.
- F. The proof of this service shall be printed on the exterior of the bottle. Only fire extinguisher systems specifically approved by the FIA on Technical List No.16, or those meeting SFI spec 17.1 will be permitted.

7.8.1 APPROVED FIRE EXTINGUISHER SYSTEMS

- A. Those approved by the FIA on Technical List No.16 or certified to SFI Spec 17.1
- B. Note: while FIA technical list No.16 lists the systems approved by the FIA, section 3 of FIA Technical List No.6 lists the minimum amounts of extinguishant needed depending on the type of extinguisher system being used. As a minimum, teams shall use the minimum amount of extinguishant listed for the driver's compartment and engine of Category N, A, B vehicles.
- C. All systems must be equipped with a means of checking the pressure of the contents. This does not apply to non-pressurized systems with a Co2 propellant cartridge.

7.8.2 INFORMATION THAT MUST BE VISIBLE ON THE CONTAINER:

- A. Capacity
- B. Type of extinguishant
- C. Weight or volume of the extinguishant
- D. Date the extinguisher must be checked, which must be no more than two years after the date of filling, or the date of the last check.

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7.8.3 FIRE SYSTEM MOUNTING

- A. All extinguishers must be adequately protected and must be situated within the driver's compartment.
- B. In all cases, their mountings must be able to withstand a deceleration of 25 g.
- C. All extinguishing equipment must withstand fire.

7.8.4 TRIGGERING DEVICES

- A. Any triggering system having its own source of energy is permitted, provided it is possible to operate all extinguishers should the main electrical circuits of the vehicle fail.
- B. The driver, when seated normally with the safety belts fastened, and the steering wheel in place, must be able to activate the fire system, by means of a spark proof breaker switch, or a manual push/pull apparatus.
- C. This switch/apparatus must be located on the dashboard, or center console, and must be marked with a letter "E" in red, inside a white circle of a least 2 inches in diameter, with a red edge.
- D. If the fire system activation switch used by the driver is located within 12" of one of the front door window openings a second fire system activation switch is not necessary.
- E. Otherwise, a second fire system activation switch/apparatus must be fitted for external access.
- F. The approved locations for the second switch are along the A-pillar or on the windshield cowl in close proximity to master electrical cut-off switch.
- G. It also must be marked with a letter "E" in red, inside a white circle of at least 2 inches in diameter, with a red edge.

7.8.5 NOZZLES

- A. The nozzles shall be of the same number and type as those specified by the manufacturer for use with the type of extinguishant being used in the system.
- B. Additionally, the nozzles shall be in the locations specified by the manufacturer.

7.8.6 SAFETY PINS

All fire safety pins must be removed while in staging, grid, and on course.