

Modified Article	Date of Application	Date of Publication
<a href="#">4(b) - Notes</a>	<a href="#">31.12.2018</a>	<a href="#">01.01.2018</a>

#### 1. GENERAL

Each automobile in any competition other than non-speed events except where noted in specific Group Regulations or Race meetings must be equipped with a fire extinguisher which complies with the following conditions.

##### 1.1 HAND-HELD FIRE EXTINGUISHERS:

- (a) Each hand-held fire extinguisher shall be secured using a metal bracket attached to the automobile with only high tensile bolts or equivalent fasteners and/or sufficient clamp/s and must remain restrained under a deceleration or acceleration of 25G ; and
- (b) must be capable of removal by the driver (or crew, where applicable) while seated in their normal respective position for competition with safety harness unfastened, unless varied by specific category regulations and without the aid of tools.

##### 1.2 PLUMBED-IN FIRE EXTINGUISHERS:

Each plumbed-in fire extinguisher shall be fitted in accordance with FIA Appendix J, Article 253 and with attention to the following:

- (a) Each extinguisher container shall be adequately protected and may be situated within the cockpit or luggage compartment. If situated in the luggage compartment it shall be at least 300 mm from the outer edge of the bodywork in all horizontal directions.
- (b) The container must be secured by a minimum of 2 screw-fastened metallic straps and the securing system must be able to withstand a deceleration of 25 g.
- (c) Anti-torpedo tabs must be fitted.

#### 2. SERVICE AND INSPECTION

- 2.1 Each hand-held extinguisher shall be inspected by a scrutineer at targeted scrutiny, or otherwise prior to competition. This inspection shall involve visually checking the unit and its mountings for damage and corrosion, checking the pressure of the contents via an installed gauge, and inverting and shaking the container to check for settling of the extinguishant. Where practical, it is recommended the extinguisher be weighed (mandatory where no gauge is installed).

The following information shall be visible on each extinguisher:

- (a) capacity;
- (b) type of extinguishant;
- (c) weight or volume of the extinguishant; and
- (d) date of manufacture of the extinguisher.

- 2.2 Each AS1841 standard fire extinguisher shall be serviced every three years in accordance with AS1851 for a fire extinguisher in an adverse operating environment. If the extinguisher is compliant with another acceptable standard, it shall be serviced every two years. This servicing shall be undertaken in accordance with the procedures laid out by the manufacturer and/or the relevant standard (eg, AS1851 for AS1841 extinguishers) and shall include a hydrostatic pressure test of the extinguisher body. A report from the servicing agent shall be supplied to a scrutineer on demand as proof of a service being completed. A service tag shall not be accepted as proof of the extinguisher having been serviced.

- 2.3 Each fire extinguisher which is homologated by the FIA shall be serviced either by the manufacturer or their agent no more than two years after either the date of filling or the date of the last service. This servicing shall be undertaken

in accordance with the procedures laid out by the manufacturer and/or the relevant standard and shall include a hydrostatic pressure test of the extinguisher body.

### 3. SPEED EVENTS, DRIFTING AND RACE EVENTS

Each automobile must be fitted with a fire extinguisher(s) in accordance with Table H-1.

Where a Regularity or Sprint Speed event is conducted within a Race event the requirements for a Fire Extinguisher shall be as for Race in accordance with Table H-1. In this application the track must maintain the required fire response as applied for the Race event for the Speed event component.

The fitment of an “on-board” extinguishing system homologated by the FIA shall be an acceptable alternative to the fitment of a separate extinguisher.

### 4. RALLY/ROAD EVENTS

Each automobile shall be fitted with a hand held fire extinguisher/s in accordance with Table H-1, and in addition shall be equipped as follows:

- (a) In an International event each automobile shall comply with the current FIA requirements for fire extinguishers.
- (b) In an Australian Rally Championship event each automobile in the ARC Outright class shall be equipped with a plumbed-in fire extinguisher system approved by the FIA<sup>1</sup>. However where a driver is competing in his home state<sup>2</sup> in an automobile manufactured prior to January 2000, the automobile will be exempt from this requirement.
- (c) In a State Championship event an automobile manufactured after 1 January 2000<sup>3</sup> shall be equipped with a plumbed- in fire extinguisher system approved by the FIA<sup>1</sup>.

#### Notes:

<sup>1</sup> Plumbed-in fire extinguisher systems that are currently fitted and are of the prior FIA standard may continue to be used until 31 December 2018, after which time for the ARC Outright class it will be mandatory to have fitted an extinguisher system compliant with the rally requirements of FIA Article 253 and either FIA Technical List No. 16 or FIA Technical List No. 52.

It is highly recommended that each automobile in a State Championship or lower status event is also fitted with a compliant FIA extinguisher system.

<sup>2</sup> Where in a particular year there is no round of the ARC in the driver’s home state, a driver may nominate another State to be his home State.

<sup>3</sup> This date refers to the original date of manufacture of the automobile, and not the date on which it was built as a rally automobile.

- (d) For each type of rally/road event, refer Table H-1.

**Note:** It is highly recommended that each new automobile built for rally/road is equipped with an extinguisher system compliant, for rally, with FIA Technical List No.16or FIA Technical List No. 52.

### 5. OFF ROAD EVENTS

Each automobile must be fitted with a fire extinguisher/s in accordance with Table H-1.

**Table H-1**

Event type	Hand held extinguisher Standard	Minimum total capacity	Number of extinguisher
Speed, Drifting	AS1841 Except AS1841.2	900g	1 or more
Off Road		1.8kg	
Special Stage Rally/Rally Sprint S2	AS1841.5	2.0kg	1 or 2
	AFFF or other extinguishant permitted by the FIA	2.4L @ 12.0 bar (or as otherwise determined by the FIA)	
Rally Sprint S1 (only if venue is fully manned)	AS1841.5	1.0kg	1 or more
Race	Not mandatory*	Not mandatory*	Not mandatory*
Electric Vehicles	AS1841.5	2.0kg	1 or 2

\*Fire extinguishers are not mandatory for an automobile competing in Race events, however a fire extinguisher that meets the standards for Speed events as above is highly recommended.

**Note:** Halon extinguishers (1201 or 1311, including BCF) are not permitted under civil legislation.

<b>MODIFICATION APPLICABLE ON 01.01.2019</b>	
<a href="#">4 - Notes</a>	<p><sup>1</sup> Plumbed-in fire extinguisher systems that are currently fitted and are of the prior FIA standard may continue to be used until 31 December 2017<sup>8</sup>. <a href="#">For the ARC Outright class it will be mandatory to have fitted an extinguisher system compliant with the rally requirements of FIA Article 253 and either FIA Technical List No. 16 or FIA Technical List No. 52.</a></p>