

Modified Article	Date of Application	Date of Publication

GENERAL

Each *Automobile* in any competition other than a Non-Speed or Race *Event*, except where noted in specific Group/category/class regulations, 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 Code* 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 25g.
- (c) Anti-torpedo tabs must be fitted.

SERVICE AND INSPECTION

- (a) 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:

- (i) capacity;
 - (ii) type of extinguishant;
 - (iii) weight or volume of the extinguishant; and
 - (iv) date of manufacture of the extinguisher.
- (b) 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 (e.g. 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.
 - (c) 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.

SPEED EVENTS, DRIFTING AND RACE EVENTS

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

Where a *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 venue/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.

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 Code* for fire extinguishers.
- (b) In an Australian Rally Championship event each *Automobile* in the ARC class/es shall be equipped with a plumbed-in fire extinguisher system in accordance with those permitted for Rally use in *FIA* Technical List No. 16 and *FIA* Technical List No. 52 and fitted in accordance with *FIA Code* Appendix J. Article 253. However where a *Driver* is competing in their home State² 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 2000³ shall be equipped with a plumbed- in fire extinguisher system approved by the *FIA*¹.

NOTES:

¹ Plumbed-in fire extinguisher systems that are in accordance with those permitted for *Rally* use in *FIA* Technical List No. 16 and *FIA* Technical List No. 52 and fitted in accordance with *FIA Code* Appendix J. Article 253.

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

² 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.

³ 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.16 or *FIA* Technical List No. 52.

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/S2 Rally Sprint	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)	
S1 Rally Sprint (venue unmanned by marshals)	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 a *Race Event*, except where mandated by Group/category/class regulations, however a fire extinguisher that meets the standards for a *Speed Event* as above is highly recommended.

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