

# General Requirements for Cars and Drivers

## Schedule H - Fire Extinguishers

(not applicable to Superkarts)

- All** racing car of Formula 4000 and Formula 2 (when competing in circuit races only) shall be required to be fitted with a fire-extinguishing system of at least 5kg extinguishant capacity, at least half of which must be placed forward of the engine, but to the rear of the foremost pick-up points of the front suspension.

The system must include a manual triggering device, operable by the driver on board or by a helper outside the vehicle, the location of which must be indicated by a letter "E" in a red circle. The direction of the outlet/s of the extinguishant is free.

The operating system must be designed so that even if the battery of the car is inoperative, the extinguisher will still function.

- In other than **a** circuit race, **each automobile** mentioned in 1 (above), and in **each** competition, **each** other 1st Category **automobile** must be equipped with at least a fire extinguisher as required in 3 (below).

### 3. SPEED EVENTS, RACES AND DRIFTING

**Each automobile** of the 2nd, 3rd, 4th, 5th and 6th Categories in **a** speed event **or** race must be equipped with a fire extinguisher which complies with the following conditions and is properly fitted at a suitable location:

- it must comply with Australian Standard 1841 (save that extinguishers which meet AS1841.2 are not permitted). **Note** that Halon extinguishers (1201 or 1311, including BCF) are not permitted under civil legislation;
- it must be of at least 900g capacity;
- it must remain restrained under an acceleration of 25G;
- it must be capable of removal by the driver without the aid of tools.

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

### 4. ROAD EVENTS

- Hand-held extinguishers:** **Each automobile** must be fitted with one or two fire extinguishers, which must meet the following criteria:

- The extinguishant must be: AFFF, Dry Powder or other extinguishant permitted by the FIA.
- The minimum capacity of the total of the two extinguishers must not be less than:

<b>AFFF</b>	<b>2.4 litres pressure</b> (or as otherwise determined by the FIA)	<b>12.0 bar</b>
<b>Dry Powder</b>	<b>2.0kg</b>	<b>AS1841.5</b>

- Each AFFF extinguisher must be equipped with a means of checking the pressure of its contents.
- The following information must be visible on each extinguisher:
  - capacity
  - type of extinguishant
  - weight or volume of the extinguishant
  - date on which the extinguishant must next be checked, which must be no more than two years after the date of the last filling or the date of the last check
- Plumbed-in extinguisher systems:** In addition to the above extinguishers, PRC Rally Cars and Groups A and N Rally Cars are to be equipped with a plumbed-in fire extinguisher system, homologated by the FIA, in accordance with the following:
  - for ARC events:**  
All vehicles, regardless of date of manufacture, except as provided for in this sub-regulation. Drivers competing in their home State\*, in vehicles manufactured prior to 1 January 2000, shall be exempt from this requirement.  
The extinguisher system must comply with the specifications either in force at 1 January 2001 or in force on the date of issue of the vehicle log book, whichever is the later.
  - State Championship events or other major rallies, other than ARC:**  
All vehicles whose original date of manufacture is post-1 January 2000\*\*.
- International events:** All cars being used in International events must comply with the FIA requirements for fire extinguishers.

\* **Note:** Where, in a particular year, there is no round of the ARC in a driver's home State, a driver may nominate an adjoining State to be his home State.

**\*\* Note:** This date refers to the original date of manufacture of the vehicle, and not the date on which it was built as a rally car.

5. Fire extinguishers as per 3(i) and 4(i) above must be **inspected** by scrutineers at least once every six months, or otherwise prior to competition. This involves visually checking the unit and its mountings for damage, checking the pressure of the contents, and shaking the container to check for settling of the extinguishant. Where practical the extinguisher should be weighed.
6. **Each fire** extinguisher homologated by the FIA (plumbed-in type) must be serviced every two years, either by the manufacturer or their agent, **according to the procedures laid out by the manufacturer.**
  - Service records **must be made available to scrutineers on demand.**