



ABN: 55 098 088 610

**Serving the Australian Auto Sport
Industry
since 2001**

Appendix “B”

**Vehicle, Apparel, Street Circuit &
other Requirements**

Revision: 07/2016

Explanatory Preamble

Safety

RACERS operates on the premise that safety primarily comes from controlling the conduct of the individual driver/participant. This is regardless of whether the conduct is in the preparation of the vehicle or its operation during an event. Driver confusion caused by unpredictable behaviour in others and ambiguous signals from officials are recognised as a frequent cause of dangerous situations that result injury, property damage and in the worst example, a fatality.

The culture of RACERS expectations is contained in the statement: “On every occasion and in every circumstance the overtaking car is ALWAYS in the wrong.”

The reader will note that there is absolute clarity; no equivocation or doubt, in the above rule. Individual drivers make the decision to overtake and therefore must bear the full responsibility for that decision & its outcomes. This rule actually leads to better racing with more care and skill being exhibited by the drivers and the almost total elimination of unsporting behaviour.

Complaints of blocking etc. are dealt with in the Code of Conduct as unsportsmanlike behaviour which generally means the offending (blocking) driver will be sent rear of grid if the complaint is upheld. This completely removes the excuse typified as “just giving them a tap to move over” as the offending driver will not need to over-taken again. The offending driver will lose their points from the race and the blocked driver automatically moves up the place that he was fighting for.

Where there is flagrant and consistent unsporting behaviour, the Driving Standards Officer and Traffic Manager can make this announcement whilst a race is in progress and order the blocking driver to move over or face a drive through penalty. Obviously this is not expected to occur in short races but may be necessary during endurance races.

Before leaping to conclusions about the above read and understand how the CoC works in the real world.

Standards

RACERS is a full member of the US based SFI. SFI has shown itself to be an early adopter of progressive standards as well as developing testing regimes that reflect real world attainable requirements for people competing on a limited budget. They also come with plain English explanations and stipulations.

SFI is a non profit organisation, established in 1978 to issue and administer standards for quality assurance of equipment specifically for performance and competition vehicles.

SFI's requirements and standards are readily available for study on their web site (www.sifoundation.com) and from the RACERS website (www.racers.world)

licence from a recognised source (e.g. CAMS, ANDRA, NASR) to compete in equivalent events conducted under RACERS.

Safety of Vehicles:

RACERS will require safety inspections of vehicles as, when, and to the degree that it feels is necessary for the activity being undertaken.

At each timed event a participating owner must provide a completed and signed Safety Compliance Statement; (See Appendix “B”) as a sample provided by THE VENUEO. Where deceptive or negligent behaviour is detected in completing the form the vehicle will be banned from participating in the event and no refund will be granted. If a deliberate attempt at deception by an owner occurs a second time the owner and their vehicles could be banned from participating in all future events conducted under RACERS. This is only applicable with regards to misleading statements about the safety of the vehicle and this ban is at the sole discretion of the RACERS Officials.

Appendix B also details the minimum requirements of safety equipment and apparel for each level of competition.

NOTE: RACERS will not take any form of responsibility for the compliance of a vehicle with the eligibility criteria set out by any group or category.
being applied.

CAR AND EQUIPMENT CHECK LIST

All of these items may be checked by the RACERS or Groups' safety scrutineers.

OK	N/A	CHECKED	OWNER TO INITIAL EACH ITEM ON THE LIST AS "OK" OR "N/A"
			Vehicle ID _____ Group: _____
			LICENCE/S, EXPIRY DATES (COMPLETED & OK)
			ALL REQUIRED LIGHTS (INCLUDING RAIN LIGHTS) WORKING
			HELMET, GOGGLES / VISOR, ATTIRE
			SEAT ATTACHMENT SECURE
			LAMP GLASS PROTECTED (CLEAR ADHESIVE TAPE)
			SEAT BELTS – TYPE, CONDITION & INSTALLATION
			WINDSCREEN - LAMINATED
			WHEEL CENTRE CAPS REMOVED
			BONNET SECURE (2 INDEPENDENT FASTENING SYSTEMS)
			TYRES (CHECK FOR VALVE CAPS)
			VISIBLE OIL OR FLUID LEAKS
			NO RUST, CRACKS, HOLES ETC
			MECHANICAL THROTTLES MUST HAVE AT LEAST 2 RETURN SPRINGS
			NO LOOSE BODYWORK &/OR TRIM
			BATTERY FIRMLY ATTACHED (TERMINALS TAPED)
			COMPETITION NUMBERS MEET REQUIREMENTS
			BRAKES – PEDAL MUST A GRIPPING SURFACE & NO SINK IN <3 SECONDS
			BATTERY MARKER, CUT OUT SWITCH FITTED & OPERABLE
			REAR VISION MIRROR / S SET & SAFELY MOUNTED
			FIRE EXTINGUISHERS, WHERE FITTED, MUST HAVE > 20 G BRACKET
			OIL CATCH CANS ARE REQUIRED FOR WET SUMP SYSTEMS
			ROLL BAR / CAGE MUST SFI SPECIFICATIONS
			OPEN WHEELERS MUST HAVE A WORKING RAIN LIGHT
			TAIL SHAFT RESTRAINTS MUST BE FITTED SO THE SHAFT WHEN LEAVING AN EXIT POINT MUST NOT BE ABLE TO TOUCH THE GROUND FACING TOWARDS THE GEARBOX. THIS MAY REQUIRE MORE THAN ONE RESTRAINT. e.g. SPLIT SHAFTS WILL REQUIRE MORE THAN ONE RESTRAINT.
			FAST CAR WARNING LIGHTS

I, the owner of this vehicle, verify that it is in raceworthy condition & meets the safety requirements for the activity in which I have entered it.

Name: _____ Signed: _____

Vehicle and Apparel Requirements vary with activity as follows:

Category 1: “Happy Laps”, “Coffee Cruises: and similar

1. The vehicle must be driven to the track
2. The vehicle must have current registration with Qld Transport & Main Roads
3. The vehicle must be able to pass a roadworthy certificate whilst it is on the track
4. Tow points must be fitted prior to entering the track and easily reached with a bright red ribbon tied to the tow point.
5. There are no specific requirement for apparel in happy laps

Category 2: Sprints/Regularities/Drifting/Agility Tests & Games

1. ABS & SRS systems may be disconnected at the driver’s option
2. In road cars the drivers must wear non-flammable clothing preferably covering the entire body
3. In Racing Cars the drivers must wear FIA/SFI approved non-flammable Suit, gloves boots & balaclava
4. If vehicle is road registered or road registerable it must meet the roadworthy requirements of Qld TMR
5. If vehicle is not road registerable it must meet the Racing Car standards shown below and apparel defined in 3 above
6. Fire extinguishers, when fitted, must meet AS1841 standard and be secured to ensure they cannot injure the driver in the event of a crash.
7. Tyres must be fit for purpose, not recut or retreaded, and be fitted to rim widths that comply with the Tyre and Rim Association manual and/or ADR requirements
8. Rear facing red lights for use during rain must be fitted to all vehicles; Brake lights are desirable when not mandatory
9. Tow points must be fitted, easily reached and clearly marked with a “TOW” sign 50mm high or a bright red ribbon tied to the tow point.

Category 3 Racing:

1. Minimum Roll Over Protection must meet the relevant SFI, FIA, CAMS, or AS/NZ Standards
2. Minimum four point harness in Sedans and closed sports cars with a reasonably erect driving position, minimum five or six point harness for a reclining position such as in open sports cars and open wheelers to SFI or AS2596 and installed to Australian Automobile Design Rules and Standards.
3. Oil catch tanks must be fitted that are appropriate to the vehicle and the events being entered.
4. The driver’s compartment must be Fire proofed from other areas of the vehicle and provide protection against intrusion and de-fragmentation of the engine and driveline.
5. Driveline components must be restrained to ensure they will not impede the vehicle’s progress or fall onto the roadway in the event of a failure – Tail-shaft Straps are mandatory.
6. Fuel tanks must be filled from outside the vehicle, vented outside the vehicle and be separated from the driver by a fire retarding structure. NO fuel pipes may pass through the passenger cabin of a sedan.
7. Tyres must be fit for purpose, not recut or retreaded, and be fitted to rim widths that comply with the Tyre and Rim Association manual and/or ADR requirements
8. Bonnets must be restrained in accord with ADR requirements with two separate retaining systems
9. Cars must have adequate rear vision mirrors to see approaching traffic.
10. Fuels are not to be mixed at the circuit. Fuels containing Alcohol must have a 150mm red circle containing a white letter “A” prominently displayed on each side of the vehicle near the competition number.
11. When required to retain potentially broken glass strong adhesive tape must be fitted to all forward facing glass
12. Fire extinguishers, when fitted, must meet AS1841 standard and be secured to ensure they cannot injure the driver in the event of an accident.
13. Rain lights must be fitted to all open wheel formula cars.
14. Two throttle closing springs must be fitted to independent anchor points
15. Wooden Steering wheels are not acceptable for racing
16. Cars must be fitted with a Blue Triangle beside an external battery isolator for recovery crews to isolate power
17. Tow points must be fitted, easily reached and clearly marked with a “TOW” sign 50mm high or a bright red ribbon tied to the tow point.
18. Fuel lines must be secured to the body/chassis, flame resistant and be external to the cabin or cockpit whenever possible
19. All seats must be securely attached to the chassis in a suitable manner and able to withstand robust handling.
20. To minimise flail injuries an arm restraint is highly recommended in all vehicles. Arm restraint tethers should be used wherever practical especially in open wheel & open sports cars. On sedans windows should be open by no more than 100mm if window nets are not fitted to the vehicle.
21. Numbers must be displayed on both sides of the vehicle, either white on black or black on white, with 230mm high Helvetica Bold lettering on a 450mm round or square background, Yellow numbers at least 150mm high in Helvetica Bold may also be displayed on the windscreen.
22. In groups with highly different lap times bright forward facing LED lights (fast car warning lights) must be fitted to every car that has a lap time 0.85 x the slowest lap time in the group. i.e. slowest lap time is 60 secs x .85 = all vehicles 51 seconds and faster must have fast car warning lights

Racing Apparel:

1. Helmets must comply with, or exceed, the AS1698 SFI 41.1 or the equivalent SFI & FIA standards
2. A HANS or FHR device compliant with SFI 38.1 is MANDATORY for all forms of racing & highly recommended for Cat 2 events where the car is fitted with a 4,5,6 point harness
3. Full face helmets must be worn in open cars – no glass is permitted in accord with SFI 41.1
4. Drivers must wear one piece overalls which meet the requirements of SFI 3.2A, or SFI 40.1
5. Boots, socks, shoes, balaclavas and gloves must be made of Nomex or a similar flame protecting material complying with SFI 3.3, or FIA equivalents

Children in restricted areas: Children inside the general pit lane area or the formation area under the age of 6 must be carried by their parent; between 7 & 12 they must be accompanied by their parent at all times.