

POWRi Racing Australia Microsprints: Official Rule Book

Section 1: Introduction & Governance

POWRi Racing Australia holds the right to alter, amend, or update these rules at any time and without prior notice to adapt to the evolving needs of the sport.

By entering and participating in any POWRi Racing Australia event, each competitor (or their legal guardian for minors) acknowledges and accepts this condition. Furthermore, the competitor or legal guardian irrevocably waives any right to appeal, contest, or otherwise challenge any such rule changes, whether they are retrospective or prospective.

Section 2: Microsprint Regulations

POWRi Australia has implemented these rules and regulations to keep Microsprints fun, safe, simple, and accessible for both current and new participants. The goal is to provide a competitive, enjoyable environment without unnecessary bureaucracy. Entry to events may be refused at any time without a stated reason.

For clarification, please contact POWRi Australia at 0450 140 584.

General Regulations:

All drivers must hold a valid AASA competition licence, unless otherwise specified by POWRi Racing Australia.

All cars will be subject to self-scrutineering upon registering for any POWRi Australia event. Random safety checks may occur at any time.

Cars must display clearly visible numbers on the nose, both sides of the tail, and both sides of the wing (if fitted).

Engine Specifications:

Four-cylinder motors: Maximum displacement of 600cc.

Three-cylinder motors: Maximum displacement of 675cc.

Two-cylinder motors: Maximum displacement of 700cc.

All 2-stroke engines: Must not exceed 500cc, regardless of configuration.

Titanium connecting rods are strictly prohibited in any engine over 600cc, regardless of configuration.

Engines must retain the original bore and stroke as supplied by the manufacturer.

No nitrous, turbochargers, or superchargers are permitted.

All cars must be fitted with an effective muffler.

The engine's capacity (XXXcc) must be clearly cast or stamped into the crankcase.

Restricted / Junior Engine Requirements:

Drivers in the Restricted or Junior Microsprint class must use a 4-cylinder engine with a maximum displacement of 600cc, fitted with a 0.750" (19mm) inlet restrictor.

This restrictor must be securely fitted and in place at all times during competition, practice, and qualifying.

Modifying or bypassing the restrictor is strictly prohibited and will result in immediate disqualification.

Restrictors can be purchased via Jettco Developments or any readily available supplier.

All restrictors currently in use are accepted.

Section 3: Vehicle & Minimum Safety Specifications

Wheel rims: No greater than 10-inch (254mm) diameter. Wheel and tyre width is open.

Approved Right Rear tire compounds: Hoosier D25, American Racer SD48, American Racer Spec.

Left Rear and Front tires: Open compound.

Tire alteration is strictly prohibited by any method including:

Chemical treatment of the tread or carcass (e.g., "soaking")

Application of softening agents

Physical defacement such as removing, altering, or covering sidewall markings

Any competitor found to have altered their tires may face penalties as deemed appropriate by POWRi Racing Australia officials.

Regrooving and sipping is permitted.

Car Design and Construction:

All cars must have a metal firewall between the driver and engine compartment. Minimum 1.5mm or .0625 thickness aluminum.

Chain guards must be installed to protect the driver if chain fails using a minimum of .090 aluminum material or equivalent.

On and off switches must be on the dash.

Roll cages shall be at least 1 1/4 inch .065 wall thickness and must have sufficient fore and aft bracing. All cages shall be made of chromoly steel or equivalent.

All cars must be equipped with side nerf bars that do not exceed beyond the width rear tires.

All cars must have bumpers extending beyond the front and rear tires.

Cars must have floor pans extending from the driver's feet to the front of the seat.

All wet cell batteries mounted in the cockpit area must be covered and vented outside the cockpit area.

At all winged events, cars will have top wings at least 10 square feet and a maximum of 16 square feet.

Alcohol fuel must be used. NO ADDITIVES ALLOWED (excluding top end lubricants).

All vehicles will have a clearly marked fuel tap mounted outside the driver's compartment and before the fuel pump.

Safety Equipment Requirements:

High back racing seat

Five-point racing style harness to SFI 16.1 standard (max 2 years old)

Full face helmet: AS1698, Snell SA2010/15/20, SFI 31.1/31.2A, or FIA 8859-2015

Balaclava (SFI 3.3 or FIA 8856-2000/2018)

1-piece race suit (SFI 3.2A/5 or FIA 8856-2000/2018)

Fireproof underwear (long sleeve/leg, compliant with SFI/FIA)

Racing shoes/boots and socks (SFI 3.3 or FIA 8856-2000/2018)

Arm restraints must be attached while car is in motion

Flame retardant gloves

Minimum of horse collar neck brace; HANS device & any other head and neck restraints are highly recommended.

Section 4: Competition Procedures & General Rules

Director of Competition Authority:

The Director of Competition has the final say on any event at the race track.

If the Director of Competition needs assistance in making a decision or solving a problem, they may contact a POWRi Racing Australia representative for guidance.

Procedures for Inquiries and Protests:

Should a competitor wish to question an on-track decision, they must report their inquiry to the Drivers Representative.

The Drivers Representative will then relay the inquiry to the Director of Competition.

No participant or member of their pit crew is permitted to approach the flagman or scorers during a race. All such inquiries must follow the established procedure via the Drivers Representative to the Director of Competition.

The Director of Competition reserves the right to review the situation or decline to address the inquiry if, in their judgment, no further action is warranted.

Backup Cars:

Use must be approved by the Director of Competition.

Backup car does not need to be original team equipment.

If changed before heat lineups are posted, driver starts from assigned position.

If changed after the heat is posted then driver starts at the rear of that heat, no changing of heats unless approved by DOC.

Changing Drivers:

Same procedures and rules as Backup Cars.

Event Format:

Set at the discretion of the Director of Competition and posted at the track.

Flag Signals:

Green: Race starts – course is clear.

Yellow: Caution – slow and maintain position.

Red: Stop immediately. Open/closed red conditions dictate if work is allowed.

Black: Exit next lap or be disqualified.

White: Final lap.

Chequered: Race complete.

Initial Starts & Restarts:

Initial starts are double file unless stated otherwise.

Leader sets the pace and restarts as instructed by the Director of Competition.

Single file restarts unless directed otherwise.

No passing before designated cone – penalties apply.

Stopping on Track:

Cars stopping under green will restart at the rear.

Director may determine if stop was for safety.

Repeated impeding may result in removal from race.

360 Spins & Accidents:

Driver may be sent to rear based on Director's discretion.

Work Area:

Work may be allowed under red conditions only, at the discretion of the director of competition.

Car must return before 'one-to-go' or cannot rejoin.

Driving Conduct:

Retaliation leads to DQ, no points or pay.

Rough driving: 1st offense to rear, 2nd is DQ.

Slide jobs must be made in good faith – judged by Director.

Starting Speeds:

No passing pace car or green flag early jump.

Lead car sets the pace.

Race Completion:

Chequered flag or scheduled distance marks completion.

If red flag after chequered: cars scored based on position crossed.

Red before halfway = incomplete race; after halfway = official.

Section 5: Driver & Participant Eligibility and Conduct

5.1 Minimum Age Requirements:

Exceptions to this rule may be made for drivers with adequate racing experience as determined by the Director of Competition.

600cc Unrestricted & 270cc Micros:

16 years of age in New South Wales.

Other states may allow participation at 15 years of age if approved by POWRi Australia.

600cc Restricted Micro:

Drivers **MUST** be at least 10 years of age to participate.

All restricted drivers will be assessed by the Director of Competition prior to participating in their first competition event.

5.2 Physical Condition of Driver:

POWRi strongly encourages all drivers to undergo an annual physical examination before the first race of the season; however, this is not mandatory.

No participant will be allowed to compete if it is evident that they show signs of exhaustion, intoxication, or other potential physical incapacities which make them a threat to the well-being of themselves or their fellow competitors. The Director of Competition may rule that a driver is not able to participate.

5.3 Intoxicants or Drugs:

No owner, driver, or pit crew member shall be found to be under the influence of intoxicants or drugs while on the racecourse or in the pit area.

No liquor or drugs will be consumed or used while in the pit area before or during a race program.

Anyone found guilty of this infraction will be removed by security from the designated area.

5.4 General Participant Conduct:

Improper language or conduct towards a race official at the track is strictly prohibited.

No participant shall strike or cause bodily harm to any person at the track.

All participants are expected to uphold a high standard of sportsmanship and respect for officials, fellow competitors, and spectators.