



**POWRi 600 cc Microsprints Australia**

## OBJECTIVE – 600CC MICROSPRINTS AUSTRALIA

600cc Microsprints Australia has implemented these rules and regulations with the intention of keeping Microsprints - fun, safe, simple and accessible to both current and new participants.

It is the aim of 600CC Microsprints Australia to provide a competitive, fun and enjoyable racing environment without the red tape.

600cc Microsprints Australia will endeavor to support the needs of all participants within reason.

600cc Microsprints Australia has the right to refuse entry without reason.

If any drivers or guardians are requiring more information regarding the rules or operation of 600cc Microsprints Australia please take the time to call Mitch on 0450140584 to discuss your concerns and seek clarification

### I. GENERAL

- A. All cars will be subject to self-scrutineering as part of event nomination. Safety and compliance checks may take place at random without notice.
- B. All cars must be of neat and tidy appearance.
- C. Each car will be required to have a number that is prominently painted on the nose, each side of the tail, and each side of the wing. Duplicate numbers at any track may require the alteration of the number by adding a number or letter to the car.
- D. After a number is assigned to a particular car and owner, it will remain with the owner until the end of the racing season.
- E. Events can be run either winged or wingless

### II. MICRO SPECIFICATIONS

- A. Engine: All motors will have a maximum displacement of 600c. Motors manufactured or altered with more than 600cc will be illegal. No nitrous, turbo or superchargers permitted. All cars must have a noise eliminating exhaust. CC casting number must be visible on engine to verify size. 2 and 4 stroke engines are acceptable.
- B. Internal engine modifications are allowed
- C. Fuel delivery system is open.

D. Weight: All cars will weigh a minimum of 345kgs, including water, oil, fuel and the driver. Cars may be weighed at random at any event. Cars weighed at the completion of an event may not add fuel or ballast to satisfy the minimum weight requirement.

E. Tires

1. 10 inch maximum

Hoosier D25 or American Racer SD48 RR tire – All others are open.

2. The altering of any tire compound, by any means will not be permitted. Chemical alteration of the tread carcass and/or tread compound, such as tire 'soaking' and/or the introduction of tread 'softener' and/or physical defacement (removal, altering and/or covering) of tire sidewall markings in any manner will not be permitted. If any competitor is found to have altered their tires any penalty deemed appropriate by POWRi Series Officials may be issued.

III. Car Design and Construction

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

2. Chain guards will be installed on all cars using a minimum of .090 aluminum material or equivalent.

3. On and off switches must be on the dash.

4. Roll cages shall be at least 1 1/4-inch .065 wall thickness.

5. Roll cages must have sufficient fore and aft bracing.

6. All cages shall be made of chromoly steel or equivalent.

7. All cars must be equipped with nerf bars and not exceed beyond the rear tires.

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

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

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

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

12. Alcohol or racing fuel may be used. NO ADDITIVES ALLOWED. This only applies to performance enhancers, is not meant to exclude top end lubricants.

13. All vehicles will have a clearly marked fuel tap mounted outside the driver's compartment and before fuel pump. Please ensure this is clearly marked ON/OFF for track safety crew

### III. Safety Equipment

1. The following safety items are mandatory:
  - a. High back racing seat
  - b. Five-point racing style harness. Harnesses shall be to the SFI 16.1 standard, or internationally recognized equivalent. Harness will be a maximum of 5 years old and in good condition.
  - c. Full face helmet in very good condition - being those with the following markings:
    - i. AS1698 Australian Standard
    - ii. Snell SA95, M90, SA95, SA2010, SA2015, SA2020 USA Standard
    - iii. SFI Spec 31.1, 31.2, 31.1A, 31.2A USA Standard
    - iiii, Current FIA spec 8859-2015
  - d. Balaclava  
Comply with SFI 3.3, FIA 8856-2000 or FIA 8856-2018
  - e. A 1-piece race suit with the following approval rating  
SFI 3.2A/5, FIA 8856-2000, FIA 8856-2018 or higher
  - f. Underwear  
Must be worn and comply with SFI 3.3, FIA 8856-2000  
or FIA 8856-2018, must be long sleeved and long legged
  - g. Racing style shoes.  
Comply with SFI 3.3, FIA 8856-2000 or FIA 8856-2018.  
Socks must comply with SFI 3.3, FIA 8856-2000 or  
FIA 8856-2018

- h. Arm restraints.
- i. Flame retardant gloves.  
Comply with SFI 3.3, FIA 8856-2000 or FIA 8856-2018
- j. A minimum of horse collar neck brace. Head and neck device is recommended but not mandatory

#### IIII. Age groups

Minimum Age Requirements: All drivers competing in POWRi 600cc  
Microsprints Australia sanctioned events must be

Restricted Class

Minimum driver age is 12 – 16 years.

Senior class

Experienced drivers may compete as a Sr from 15 if approved by 600cc  
Microsprints Australia