

# 2024 Australian Formula Open Series Sporting Regulations



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Motorsport Australia ABN: 55 069 045 665 275 Canterbury Rd, Canterbury VIC 3126 Phone: +61 3 9593 7777 Hotline: 1300 883 959 motorsport.org.au



# 2024 Australian Formula Open Series

# **Sporting Regulations**

A capitalised and italicised word in this document is defined in the FIA International Sporting Code (Code) or the National Competition Rules (NCR), including their Appendices or Attachment A of this document.

Any HEADING is for reference only and has no regulatory effect.

# Contents

<b>S</b> 1	TIT	LE AND JURISDICTION	4
	S1.1	Title	4
	S1.2	Authority / Jurisdiction	4
S2	AD	MINISTRATION	4
	S2.1	Personnel	4
<b>S</b> 3	со	MPETITOR ELIGIBILITY	4
S4	AU	TOMOBILE ELIGIBILITY	4
	S4.1	General	4
	S4.2	Classes	5
	S4.3	Replacement Automobile	5
S5	DR	IVER ELIGIBILITY	5
	S5.1	Substitute Driver	5
S6	SE	RIES ROUNDS	6
<b>S</b> 7	SE	<i>RIES</i> CALENDAR	6
<b>S</b> 8	RO	UND FORMAT	6
	S8.1	Round Format	6
	S8.2	Variations to Timetable	6
<b>S</b> 9	GR	ID DETERMINATION	6
S10	) <i>ST</i> .	4 <i>RT</i> PROCEDURE	6
<b>S1</b> 1	AW	ARDS AND POINTSCORE	6
	S11.1	Prizes and Trophies	6
	S11.2	Series Pointscore	7
S12	2 <i>EV</i>	ENT OPERATIONS	7
	S12.1	Registration and <i>Entry</i>	7
	S12.2	Driver Briefings	8
	S12.3	Parc Fermé	8
	S12.4	Qualifying	8



	S12.5	Pit Lane	8
	S12.6	Removal of an Automobile from the Circuit	8
	S12.7	Radio Communication to/from Automobile and Team	8
	S12.8	Signals to/from Automobile	8
S13	TYRE	S	.9
S14	FUEL		.9
S15	REFU	ELLING AND DEFUELLING	10
S16	ELEC	TRONIC TRACTION ENHANCEMENT DEVICES	10
S17	VIDEC	CAMERA & RECORDING DEVICE	11
S18	RAIN	LIGHT	11
S19	DATA	LOGGERS	11
S20		MATIC TIMING TRANSMITTER	
S21		IFIED COMPONENTS	
S22	AUTO	MOBILE FIXINGS	12
S23	WEIG	HING OF AUTOMOBILE	12
S24	ENGI	NE SEALING	12
S25	AUTO	MOBILE MARKINGS	12



# 2024 Australian Formula Open Series

## **Sporting Regulations**

## **S1** TITLE AND JURISDICTION

#### S1.1 Title

This Series will only be known as and referred to as the "2024 Australian Formula Open Series".

#### S1.2 Authority / Jurisdiction

- 1.2.1 Each *Event* in the 2024 Australian Formula Open Series (*Series*) will be held under the FIA International Sporting Code including Appendices; the National Competition Rules (*NCR*) and Circuit Race Standing Regulations (*CRSR*) of *Motorsport Australia*; the Sporting Regulations issued for the *Series* by *Motorsport Australia*; the Technical Regulations as published by *Motorsport Australia*; Supplementary Regulations issued by the *Organiser* for each *Round*; Bulletins issued by the Stewards, and any Driver Briefing Notes issued by the Clerk of the Course at an *Event*.
- 1.2.2 This Series has been sanctioned by Motorsport Australia as an Authorised Series.
- 1.2.3 TME Pty Ltd has been appointed by Motorsport Australia as the Category Manager (CM) for this Series.

#### **Contact Details:**

Tim Macrow Enterprises Pty Ltd

24a Railway Pde

Highett 3190

Phone: 0402480575

Email: tim@timmacrow.com.au

## S2 ADMINISTRATION

#### S2.1 Personnel

- 2.1.1 The following personnel have been appointed to the Series by *Motorsport Australia* and/or the *CM* and have the authority to administer the various aspects of these regulations as detailed in the RMSR.
  - 2.1.1.1 Category Administrator (CA) Tim Macrow
  - 2.1.1.2 Technical Advisor (TA) TBA

## S3 COMPETITOR ELIGIBILITY

To be eligible to compete in the Series, each Competitor must hold a current Motorsport Australia Competitor's Licence and be registered with the CM.

## S4 AUTOMOBILE ELIGIBILITY

#### S4.1 General

4.1.1 In general, the Series will cater for any open wheel Automobile with an engine capacity of 2 litres or less recognised by *Motorsport Australia* and/or the *FIA* and accepted by the *CM*.



- 4.1.2 To be eligible to compete in the Series, each Automobile must comply with the Circuit Race Appendix, 1<sup>st</sup> Category Racing Cars, Free Formula for Race Events of the Manual, the Motorsport Australia and/or FIA Technical Regulations relevant to the particular Automobile and any modifications specifically permitted for the Series.
- 4.1.3 Each Automobile must comply with the Technical Appendix of the Manual.

## S4.2 Classes

There will be 4 classes for eligible Automobiles within the Series as follows:

## 4.2.1 AFO1

Class AFO1 is for a Formula 3 *Automobile* complying with the FIA Formula 3 regulations that applied in the year of its manufacture between 1<sup>st</sup> January 2002 and 31<sup>st</sup> December 2012, and as specified in any technical regulation, bulletin, amendment, clarification or directive issued by the *FIA*.

#### 4.2.2 AFO2

Class AFO2 is for an *Automobile* including, but not limited to, Toyota Racing Series, Formula BMW, Formula Renault, Formula Ford 2000 complying with the relevant technical regulations that applied in the year of its manufacture and as specified in any technical regulation, bulletin, amendment, clarification or directive subsequently issued.

#### 4.2.3 AFO3

Class AFO3 is an Invitational Class for an *Automobile*, including Formula Regional, complying with the relevant technical regulations that applied in the year of its manufacture and as specified in any further technical regulation, bulletin, amendment, clarification or directive subsequently issued.

4.2.4 AFO4:

Class AFO4 is for a Formula 4 Automobile as detailed below:

- 4.2.4.1 Mygale M14-F4 and Tatuus F4-T014 retaining *Bodywork* complying with the *Motorsport Australia/FIA* rules and permitted to fit the *CM* approved power upgrade supplied by AGI Sport including any *Bodywork* modifications; and
- 4.2.4.1 Mygale M21-F4 and Tatuus F4-T421 which may be subject to a balance of performance.

#### S4.3 Replacement Automobile

- 4.3.1 Following the commencement of the first qualifying session of each *Round*, any *Automobile* that has been entered to compete at that *Round* may not be replaced with another *Automobile* unless agreed upon by all *Competitors* and approved by the Stewards.
- 4.3.2 A replacement *Automobile* must *Start* its first race from the *Pit Lane*.

## S5 DRIVER ELIGIBILITY

Unless specified otherwise in the *Supplementary Regulations* for a particular *Round*, to be eligible to compete in the *Series*, each *Driver* must hold the appropriate Motorsport Australia Circuit Licence for their *Automobile* in accordance with the General Appendix, Competition Licences of the *Manual*.

#### S5.1 Substitute Driver

Prior to the commencement of the first qualifying session at each *Round*, each *Competitor* may nominate a substitute *Driver* who may be permitted to compete in the remainder of the *Event* subject to the approval of the Stewards.



## S6 SERIES ROUNDS

The Series will be conducted over 7 Rounds as detailed in the calendar below.

## S7 SERIES CALENDAR

The Series will be conducted over the following Rounds:

Round	Date	Circuit
1	9-11 February	Sandown Raceway
2	26-28 April	Winton Motor Raceway
3	24-26 May	Sydney Motorsport Park
4	7-9 June	The Bend Motorsport Park
5	2-4 August	Queensland Raceway
6	18 – 20 October	Sydney Motorsport Park
7	22-24 November	Phillip Island GP Circuit

## S8 ROUND FORMAT

The number, length and format of *Track* sessions will ultimately be negotiated between the *CM* and the *Organiser* prior to each *Round* and will be advised in the relevant *Supplementary Regulations* issued for the *Event*.

#### S8.1 Round Format

8.1.1 Generally, the format for each *Round* will be as follows:

8.1.1.1	Practice:	Minimum 3 x 20-minute sessions
8.1.1.2	Qualifying:	Minimum 1 x 20-minute session
8.1.1.3	Races:	3 races of approx 25 minutes, expressed as a number of laps in the Supplementary
		Regulations for each Event.

#### S8.2 Variations to Timetable

The timetable may be varied at any time due to exceptional circumstances only with the prior approval of the Stewards.

## **S9 GRID DETERMINATION**

The grid for each race will be determined as detailed in the Circuit Race Standing Regulations (CRSR).

## S10 START PROCEDURE

The Start procedure for each race will be as detailed in the CRSR - Non-Championship Start - Standing Start.

## **S11 AWARDS AND POINTSCORE**

#### S11.1 Prizes and Trophies

11.1.1 Prizes, trophies and awards will be as determined by the CM and will be advised to each Competitor.



#### S11.2 Series Pointscore

- 11.2.1 Points will be awarded to each *Driver* of an eligible *Automobile* based on their relative finishing position for each race, within their class.
- 11.2.2 Points will be awarded to each *Driver* for **Race 1 and Race 2** at each *Round*, within their class, according to the table below.

Finishing Position	Points	Finishing Position	Points
1st	12	6th	5
2nd	9	7th	4
3rd	8	8th	3
4th	7	9th	2
5th	6	10th	1

11.2.3 Points will be awarded to each *Driver* for **Race 3** at each *Round*, within their class, according to the table below.

Finishing Position	Points	Finishing Position	Points
1st	20	6th	6
2nd	15	7th	4
3rd	12	8th	3
4th	10	9th	2
5th	8	10th	1

- 11.2.4 In addition to the above, 1 point will be awarded to the *Driver* that sets the fastest qualifying lap time, within their class, at each *Round*.
- 11.2.5 In addition to the above, 1 point will be awarded to the *Driver* that sets the fastest race lap time, within their class, at each *Round*.
- 11.2.6 The results for each *Round* will be determined by the number of points scored by each Driver, within their class, at that *Round*.
- 11.2.7 If there is a tie at the end of any *Round*, the final positions for that *Round* will be determined by comparing the results of each of the tied *Drivers* in the final race of that *Round*. The higher place in the *Round* results will be awarded to the *Driver* with the higher finishing position within their class in the final race.
- 11.2.8 If there is a tie at the end of the *Series*, final positions will be determined by comparing the race results achieved by each tied *Driver*, with the *Driver* with the highest number of first places within their class being awarded the higher *Series* position. If at this stage a tie still exists, it will be resolved by comparing the number of second, third or fourth places (and so on) achieved by each tied *Driver* within their class until all positions have been determined.

## S12 EVENT OPERATIONS

#### S12.1 Registration and *Entry*

The Series will operate under the Motorsport Australia Series Registration and Entry Process. Series Registration and Entry Forms will be available from the *CM* with document checking being conducted by the *CM* prior to the first official *Track* session at each *Round*.



#### S12.2 *Driver* Briefings

- 12.2.1 Each Driver must attend the compulsory Drivers' briefing.
- 12.2.2 The time and location of this briefing will be detailed in the *Supplementary Regulations* for the *Event*.
- 12.2.3 The attendance sheet must be signed by the Driver to confirm attendance.
- 12.2.4 Other compulsory briefings may be convened as required and will be advised to each *Competitor* accordingly.

#### S12.3 Parc Fermé

- 12.3.1 Each *Automobile*, including those remaining in *Pit Lane*, must proceed directly to the designated *Parc Fermé* area via the most direct route (or as directed by Officials) at the conclusion of qualifying, without returning to pit or paddock areas and without interference from any third party (other than an Official).
- 12.3.2 Each *Automobile* completing each race must proceed directly to the designated *Parc Fermé* area via the most direct route (or as directed by Officials) at the conclusion of the race, without returning to pit or paddock areas and without interference from any third party (other than an Official).
- 12.3.3 An *Automobile* may not be removed from *Parc Fermé* except with the permission of the Chief Scrutineer (or nominee).

#### S12.4 Qualifying

During qualifying, an *Automobile* may not return to the paddock area or pit lane garage without the permission of the Chief Scrutineer (or nominee). If an *Automobile* exits *Pit Lane* to the paddock or its pit lane garage during qualifying, without permission from the Chief Scrutineer (or nominee), it will not be permitted to re-join that session and a penalty of Disqualification from that qualifying session will be imposed.

#### S12.5 Pit Lane

- 12.5.1 Each Pit Crew member is required to sign a Pit Lane Indemnity Form prior to the first *Track* session and to display identification as and if required by the *Organiser*.
- 12.5.2 Each *Competitor* must appoint a Car Controller who will be solely responsible for the stopping of, and the safe release of the *Automobile* at all times whilst the *Automobile* is in *Pit Lane*.

#### S12.6 Removal of an Automobile from the Circuit

Following the commencement of the first qualifying session, it is prohibited to remove an *Automobile* from the *Circuit* prior to being released from *Parc Fermé* for the last race of that *Round* without the prior written approval of the Chief Scrutineer (or nominee).

#### S12.7 Radio Communication to/from Automobile and Team

- 12.7.1 A race management radio is mandatory. Each *Competitor* must monitor the Race Management Channel (*RMC*), on a strictly listening basis only, during each session or race from at least 15 minutes prior to the scheduled start time until the *Automobile* is released from *Parc Fermé*. All relevant messages received on the *RMC* must be relayed to the *Driver* as well as the Team Manager. The *RMC* frequency will be supplied by the *CM* for each *Round*.
- 12.7.2 Two-way radio communication between the *Driver* and a member of the pit crew is mandatory at all times when the *Driver* is in the *Automobile* during each practice session, qualifying session and race.

#### S12.8 Signals to/from Automobile

12.8.1 Except for two-way radio communication, body movement by the *Driver*, legible message on a pit board and a lap trigger signal for data logging purposes, any signal between a moving *Automobile* and any person or equipment connected with the *Competitor* or *Driver* is prohibited.



12.8.2 The download/upload of data in the *Pit Lane* must be through a hard link-up only. Infra-red or other noncontact transmission methods are prohibited.

## S13 TYRES

- Unless otherwise authorised by the *CM* in writing, each *Automobile* must only be fitted with Giti Compete GTR-1 tyres supplied by Giti Competition Tires. If there is not a Giti Compete GTR-1 tyre available to fit a particular *Automobile*, the *Competitor* may apply to the *CM* to authorise the use of another brand of tyre.
- 13.2 Unless stated otherwise in the *Supplementary Regulations*, a maximum of 4 new dry tyres (2 front & 2 rear) will be marked for each *Automobile* for each *Round*. With the exception of treaded tyres used on a damp or wet track, these marked tyres are the only tyres permitted to be used on that *Automobile* during any qualifying session or race at that *Round*.
- 13.3 Except for the first *Round* at which an *Automobile* competes, previously marked tyres must be used during each practice session. For the first *Round* at which an *Automobile* competes, new tyres may be used during a practice session.
- 13.4 Each *Competitor* must present all tyres for their *Automobile* to the Chief Scrutineer (or nominee) for marking at the front of their respective garage/paddock bay a minimum of 1 hour prior to its first qualifying.
- 13.5 Each *Competitor* is responsible for ensuring that all tyres for their *Automobile* are marked or re-marked as appropriate. If any tyre is not marked for any reason or the markings become illegible, the *Competitor* must notify the Chief Scrutineer (or nominee) immediately.
- 13.6 A replacement tyre will only be permitted if the Chief Scrutineer (or nominee) is satisfied that due to exceptional circumstances, the tyre in question can no longer be used. The Chief Scrutineer (or nominee) will ensure that the tyre to be replaced has been rendered unusable and that the replacement tyre is of the same specification and of similar wear to the tyre being replaced.
- 13.7 If a *Competitor* is permitted to replace a marked tyre with a previously marked tyre of similar condition, the *Automobile* concerned will incur a 2 grid position penalty for the next race at that *Round*.
- 13.8 If a *Competitor* is permitted to replace a marked tyre with a new tyre, the *Automobile* concerned must start the next race at that *Round* from the rear of the grid.
- 13.9 The use of any tyre heating or heat retention device, or chemical treatment is prohibited.
- 13.10 An unlimited number of the nominated wet tyres may be used for each *Round*. Each nominated wet tyre must have an average tread depth across the working face of the tyre of not less than 80% of a new tyre.
- 13.11 The Chief Scrutineer (or nominee) will be sole arbiter with regard to the interpretation and application of these tyre regulations. Any decision made by the Chief Scrutineer in this regard will not be subject of any protest or appeal.

## S14 FUEL

- 14.1 Fuel may be purchased from the Preferred Fuel Supplier, RaceFuels Pty Ltd. The *CM* will communicate information for the placement of orders, payment, delivery methods and operating hours to each *Competitor*.
- 14.2 If fuel is to be transported or stored in a container the containers must meet AS2906. Metal containers are preferred.
- 14.3 Fuel must be stored in accordance with the requirements of the *Organiser*.
- 14.4 All bulk supply of fuel must be stored in the fuel depot area.



- 14.5 A fuel sample taken from an *Automobile* will be compared with a sample from the Preferred Fuel Supplier and any discrepancy will be referred to the Stewards by the Chief Scrutineer.
- 14.6 Each *Competitor* is responsible for a fuel sample being able to be obtained safely and promptly from their *Automobile* upon request by the Chief Scrutineer.
- 14.7 A 1 kg sample of fuel must be available to be taken from an *Automobile* at any time during a *Round*.
- 14.8 Each *Automobile* must be fitted with a FEMALE "dry break" coupling to allow fuel sampling to be undertaken from the fuel cell. The *Competitor* must provide a 1 metre long hose with the MALE coupling fitted to enable fuel samples to be taken at any time during the *Event*.
- 14.9 When transporting fuel within a public area, e.g. the Paddock or access roads, the transportation must be conducted by a minimum of 2 team personnel; a minimum of 1 suitably attired pit crew member to push the trolley/drum and a minimum of 1 suitably attired pit crew member acting as a spotter carrying a minimum of 1 operational 4.5kg Dry Chemical Fire Extinguisher.
- 14.10 In any area where fuel is being stored it must be in a location which is adequately ventilated, have unimpeded access and is clean and free of potentially flammable materials e.g., paper, rags, oily fabrics etc. Smoking must be prohibited.

## S15 REFUELLING AND DEFUELLING

All refuelling and defuelling must be carried out in the Pit Garage or the paddock area and must conform to the following requirements:

- 15.1 The Automobile's engine must be switched off; and
- 15.2 At least 1 crew member must be designated as a fire attendant and in possession of at least 1 x 4.5kg dry powder fire extinguisher; and
- 15.3 The designated fire attendant must not perform any other task during the refuelling procedure; and.
- 15.4 A drip/catch mat/tray capable of containing fuel spillage must be positioned below the refuellijng point of the *Automobile*; and
- 15.5 During any draining or refuelling procedure, the *Automobile* and any vessel where fuel is being transferred must be earthed to a suitable earth point; and
- 15.6 Any personnel handling fuel must discharge themselves of static electricity prior to participating in any refuelling or fuel transferring procedure; and
- 15.7 Mobile phones must be switched off in the immediate vicinity of the draining or refuelling procedure; and
- 15.8 Any device and substance, which changes the temperature of the fuel from the ambient air temperature, is prohibited. All fuel being placed in the *Automobile* must be done so at ambient temperature.

## **S16 ELECTRONIC TRACTION ENHANCEMENT DEVICES**

The fitment and use of an electronic traction enhancement device, e.g. traction control, launch control, anti-lock braking systems (ABS), is prohibited.



## **S17 VIDEO CAMERA & RECORDING DEVICE**

- 17.1 Each *Automobile* must carry a fully operational digital video camera and recording device and any associated camera equipment to ensure the full functionality and recording capability of the camera in each practice, gualifying and race at each *Round*.
- 17.2 The camera system must be supplied by the *Competitor* and authorised by the *CM*.
- 17.3 In-car camera chips must be labelled with the *Automobile's* competition number.
- 17.4 The camera and its associated equipment must be installed in the *Automobile* with the camera pointed in a forward direction with a field of vision sufficiently wide to record clearly, and without obstruction, the *Driver's* view of the *Track* ahead.
- 17.5 The *Competitor* must ensure that the camera is switched on and functioning in the correct manner prior to the *Automobile* entering the *Track* for each practice, qualifying and race and remain operational for the entirety of each session.
- 17.6 Access to the camera must be provided to any technician appointed by the CM at any time upon request.
- 17.7 Except to remove and replace the flash card, only personnel authorised by the *CM* may interfere with the camera.
- 17.8 A Team must immediately provide the flash card to the Stewards upon request.
- 17.9 A camera may not be transferred to any Team, other entity or person without the written approval of the CM.

## S18 RAIN LIGHT

The fitment of a rain light on each *Automobile* is mandatory. The rain light must be illuminated at all times whilst the *Automobile* is fitted with wet weather tyres and is being driven on the *Track* or as otherwise directed by Race Control.

## **S19 DATA LOGGERS**

- 19.1 A maximum of 2 wheel speed sensors may be fitted to an *Automobile* and these sensors must only be fitted to the front wheels.
- 19.2 The *CM* may require any *Automobile* to be fitted with such data logging device as may be specified from time to time.

## **S20 AUTOMATIC TIMING TRANSMITTER**

- 20.1 At all times when an *Automobile* is on the *Track* it must have the correct fully charged timing transmitter fitted and operating.
- 20.2 The leading edge of the timing transmitter (the short side) must not be fitted any further forward than 300mm rearward of the foremost part of the *Bodywork*. Each transmitter must be in place for each practice and qualifying session and race.

## **S21 SPECIFIED COMPONENTS**

21.1 Each *Automobile* must at all times be fitted only with the homologated front wing mainplane, steering rack assembly, front and rear uprights (including hubs) and engine/gearbox assembly.



- 21.2 Any specified measurement/dimension in relation to *Bodywork* must comply with measurements taken with equipment approved by the *CM*.
- 21.3 Any kind of third element on the front or rear suspension is prohibited.
- 21.4 Aero components will be defined as, and same configuration will mean either:
  - As supplied by the manufacturer; or

Having the same aerodynamic form and same aerodynamic function as the original component as supplied by the manufacturer.

## S22 AUTOMOBILE FIXINGS

- 22.1 Each *Competitor* must ensure that any item on or attached to their *Automobile* (including but not limited to a wheel, shock absorber cover, engine cover and other *Bodywork*) that may present a risk of an impact injury to a driver, pit crew, official or spectator if it detached from the *Automobile* while it is under its own power is securely fixed to the *Automobile* before any session.
- 22.2 Any item that detaches from the *Automobile* without any interference from another *Automobile* or leaving the *Track*, as defined in the *CRSR* Code of Driving Conduct, while it is on the *Track* or in the *Pit Lane* under its own power will be considered a breach of this regulation.
- 22.3 The minimum penalty for a breach of this regulation will be:

During any practice or qualifying session:	Loss of 5 grid positions for the Automobile's next race
During any race:	60 seconds added to the Automobile's race time.

## S23 WEIGHING OF AUTOMOBILE

The *Racing Weight* recorded by the scales provided by the *Organiser* and/or the *CM* will be viewed as fact and will be the only weight recognised at each *Event*. At any time during a qualifying session, or while under *Parc Fermé* conditions, an *Automobile* may be directed to be placed onto the scales for a weight check.

## S24 ENGINE SEALING

- 24.1 Any engine supplied by a manufacturer or serviced by an engine rebuilder that is supplied with *Seals* must have those *Seals* in place at all times.
- 24.2 Where an engine is sealed by an overseas engine builder, the Chief Scrutineer may require documentary evidence to demonstrate the eligibility of the engine.

## S25 AUTOMOBILE MARKINGS

Each *Automobile* must comply with Technical Appendix - Schedule K of the *Manual*. Specific Series requirements will be advised by the *CM* prior to the first *Round*.



## ATTACHMENT A

### Definitions

Authorised Series: A National Series authorised by Motorsport Australia
CA: Category Administrator for the Series appointed by the CM
CM: Category Manager for the Series appointed by Motorsport Australia
CRSR: Circuit Race Standing Regulations published by Motorsport Australia
Round: A round of the Series
RMC: Race Management Channel
Series: The 2024 Australian Formula Open Series
TA: Technical Advisor for the Series appointed by the CM