



2023  
Western Australian  
Motorkhana  
Championship



# Standing Regulations

## **A. WESTERN AUSTRALIAN MOTORKHANA CHAMPIONSHIP**

The Western Australian Motorkhana Championship for 2023 hereafter referred to as “the Championship” will consist of a maximum of five rounds.

All rounds hereafter also referred to as “events” will be run under Motorsport Australia Ltd (**Motorsport Australia**) permits.

Championship points will be accrued at each event. Provided all five events are conducted, where a competitor competes in all events in the Championship, they will have their lowest point score in any event subtracted from their total point score.

## **B. AUTHORITY**

The events will be held under the International Sporting Code of the FIA, the National Competition Rules of **Motorsport Australia** (NCRs), the National Motorkhana Standing Regulations, the **Motorsport Australia** Guidelines for Passengers in Vehicles, the **Motorsport Australia** Come and Try Policy, Supplementary Regulations, and any further Regulations or directions issued by the organisers.

The events will also be conducted under and in accordance with the **Motorsport Australia** Risk Management and Occupational Health and Safety Policies. These policies and the **Motorsport Australia** Manual of Motor Sport can be found at [www.motorsportaustralia.com.au](http://www.motorsportaustralia.com.au)

## **C. ABANDONMENT**

The organisers reserve the right to abandon or alter the events, in accordance with **Motorsport Australia** NCR and if there are less than 20 entries.

## **D. TYPES OF ENTRIES**

The Western Australian Motorkhana Championship events have three levels of entry:

**State Championship:** Drivers results count towards Championship points

**Club-Only:** Allows clubs to use one or more Championship events as part of their sporting calendar. Drivers’ results will not count towards Championship points and do not compete for any trophies.



**Come & Try:** Drivers new to the sport can apply for a Motorsport Australia Introductory Licence, valid only for the day of the event. Drivers will not be included in the results.

## **E. CLUB-ONLY ENTRIES**

Juniors and newcomers to the sport can enter at a Club Level whilst they gain experience in motorkhanas.

Club-Level entries can choose to drive an alternative forward only course around any test with reversing elements. Diagrams of these test layouts will be made available prior to the event.

Club-level entries cannot be a member of a State Championship Team. However, Club-level entries may participate in the Club Team Challenge detailed in section H below.

## **F. JUNIORS**

Juniors are defined as drivers who have turned twelve (12) on or before the date of the event and have not turned eighteen (18) on that date. The minimum age for drivers in motorkhanas is twelve (12).

All junior drivers must be able to demonstrate an ability to safely control their vehicle. Until a Junior has demonstrated, to the satisfaction of the Clerk of Course, this ability an experienced person must accompany them. This "safety observer" can be a family member who is familiar with the vehicle and knows how to carry out an emergency stop of the vehicle if required.

PLEASE NOTE: Until a junior has demonstrated an ability to safely control their vehicle and are required to be accompanied by an experienced person they are not eligible for Championship points (see section R below). Juniors should enter as Club-Level competitors during this period.

A driver ceases being a junior after they turn eighteen (18). If a junior is competing at State Championship level, all events they compete in during the year whilst under eighteen (18) will count towards the junior championship for that year.

## **G. CLUB TEAM CHALLENGE**

Run in conjunction with the Western Australian Motorkhana Championship, the Club Team Challenge gives the marque car clubs of WA the opportunity to compete against each other in a low-intensity motorsport event.

A Car Club team is made up of 4 drivers and a minimum of two vehicles. A driver can only be a member of one team. The accumulated Handicap test



times (see section S below) for the best 3 drivers will determine the team points for each event.

To be eligible for overall points in the Challenge the team must compete in at least 3 of the 5 Rounds of the Motorkhana State Championship. The points from the best three events will be added to determine the Clubs Challenge winners.

Preferably team vehicles should be of the marque of the Car Club; however, this is not required. Motorkhana Specials are not permitted to be a team vehicle.

State Championship Motorkhanas must have at least 25% of the tests with an element of reversing. The elapsed times (or any penalties accrued) whilst driving these tests (and the tests which can be substituted for these tests) will be ignored for Club Team Challenge drivers. This enables both State Championship and Club Only drivers to be part of a club team.

## **H. COMPETITOR REQUIREMENTS**

All apparel shall comply with Schedule D of the **Motorsport Australia** Manual.

Whilst competing all entries must wear a minimum of a properly adjusted lap-type seat belt (drivers of vehicles registered with **Motorsport Australia** as historic vehicles are exempted from this requirement).

Helmets complying with Schedule D of the **Motorsport Australia** manual are mandatory for drivers of Specials and are highly recommended for drivers of open top vehicles.

Drivers of vehicles to which a windscreen is not fitted must comply with 10.1 of the National Motorkhana Code and wear adequate eye protection whilst competing.

Adequate footwear (enclosed shoes) shall be worn whilst competing. Bare feet, thongs or sandals are not permitted.

Subject to **Motorsport Australia** policies applying at the time all drivers must attend the drivers' briefing which will be at the venue prior to competition commencing.

## **I. VEHICLE REQUIREMENTS**

All vehicles must comply with Schedule A and Group 4H Regulations (refer to the **Motorsport Australia** Manual). All vehicles must be mechanically sound and are subject to **Motorsport Australia** policies applying at the time concerning scrutiny.



Exposed rotating engine parts and exhaust manifolds, including fans, belts, ancillaries, and extractors, must have guards to prevent injury. This requirement is particularly applicable to vehicles in Class F and G.

The maximum allowable noise level emitted from vehicles competing in the events will be 95db as measured in accordance with Motorsport Australia requirements. This maximum must not be exceeded anywhere throughout the "rev range" when competing.

Fuel shall be in accordance with Schedule G of the **Motorsport Australia** Manual.

Electric vehicles (EV) or Hybrid vehicles have additional requirements that are covered in the **Motorsport Australia** Electric Vehicle Appendix. Of particular note is that each EV must be issued with a Motorsport Australia Log Book prior to participating in a Competition"

## **J. VEHICLE CLASSES**

Vehicle classes are determined by their wheelbase or in the case of specials whether front or rear wheel drive. There are currently five production vehicle classes:

|                |                                 |
|----------------|---------------------------------|
| <b>Class A</b> | wheelbase up to 2150mm          |
| <b>Class B</b> | wheelbase 2151mm - 2390mm       |
| <b>Class C</b> | wheelbase 2391mm - 2574mm       |
| <b>Class D</b> | wheelbase over 2575mm           |
| <b>Class E</b> | AWD and 4WD production vehicles |

In addition, there are currently two special vehicle (specials) classes:

|                |              |
|----------------|--------------|
| <b>Class F</b> | FWD specials |
| <b>Class G</b> | RWD specials |

Specials are defined as any vehicle which has been significantly lightened, or any non-production vehicle, or any vehicle fitted with an additional brake pedal which operates primarily on the rear wheels which is not standard on that vehicle, or any vehicle fitted with racing or "slick tyres".

Production vehicles fitted with hydraulic hand brakes, which operate on both wheels of the same axle equally, are not classified as specials.

## **K. RUNNING ORDER**

A ballot will be held to determine the starting order in each class. Numbers will be issued prior to commencement of the event.



Competitors are required to run in numerical order unless otherwise permitted by the Clerk of Course. Details of the starting order and order of tests will be distributed prior to commencement of the event.

**Note:** In the event of there being less than three entries in any one class, the class may be merged with another at the discretion of the Clerk of Course.

## **L. TIMING**

Automatic timing will be used for the event. A backup system consisting of 2 manual stopwatches, or a second automatic timing system may also be used. All times will be recorded on a master timesheet and or computer.

Should the primary automatic timing fail during a test, the test may be run on manual timing at the discretion of the Clerk of Course. Timing will be recorded to 100th of a second.

The Championship organisers have the option of conducting events where competitors will have two runs on some or all tests, both times (including penalties) will be recorded.

Placings and Championship point allocations will be decided on the aggregate of elapsed times (including penalties) on the tests completed whether the event provided two runs per test or one run per test.

## **M. TESTS**

The tests for each Round will be selected from the Australian Motorkhana Test Booklet. The tests in Part B of the booklet may be used. The number of different tests per event would typically be between four and six, where two attempts at each are provided or 8 and 12 where events are conducted providing only one attempt per test.

From time to time it may be necessary to introduce new tests to accommodate a particular venue. Tests not in the Motorkhana Test Booklet will be posted on the website prior to the event.

## **N. PROTESTS**

Any protest shall be in accordance with the **Motorsport Australia** NCR.

## **O. STATE CHAMPIONSHIP POINTS**

Placings in the State Championship shall be determined by a system of point scores per Round as follows: 1st receives 15 points, decreasing to 1 point for 15th outright.



Drivers (including juniors) who carry passengers (or safety observers) are not eligible for Championship Points. They should consider entering at Club-Level.

#### **P. HANDICAP CHAMPIONSHIP POINTS**

Placings in the Handicap Championship will be determined by multiplying each competitor's aggregate time by the appropriate handicap factor for their class (set out below) plus any penalties incurred calculated at a factor of 1 (not at the class factor).

Placings will then be awarded points as follows, 1st - 15 points, decreasing to 1 point for 15th place.

Handicap Factors:

|         |       |
|---------|-------|
| Class A | 0.787 |
| Class B | 0.792 |
| Class C | 0.811 |
| Class D | 0.763 |
| Class E | 0.761 |
| Class F | 1.000 |
| Class G | 0.943 |

#### **Q. TROPHIES (STATE CHAMPIONSHIP)**

Trophies will be awarded for placings achieved in the Championship overall and not for each individual event making up the Championship. A Presentation of Trophies may be held some time after the final Round of the Championship. Trophies may include the following:

- 1st to 6th Outright
- 1st to 3rd in each class
- 1st Lady Driver and 1st Lady in a production vehicle
- 1st Junior Outright and 1st Junior in a production vehicle
- 1st Novice (Driver must have entered their first State Championship event in the current series)

Handicap Championship trophies will be awarded for 1st to 3rd over the series.

**Note 1:** Where a competitor qualifies for more than one trophy, one trophy listing achievements will be awarded.

**Note 2:** For "production vehicle" trophies handicap points will be used.

#### **R. TROPHIES (MOTORSPORT AUSTRALIA AWARDS NIGHT)**

In addition to the trophies awarded at the above mentioned "Presentation of Trophies", **Motorsport Australia** will also recognise the following:



|                   |        |
|-------------------|--------|
| 1st Outright      | trophy |
| 1st in each class | trophy |
| 1st Lady Driver   | trophy |
| 1st Junior Driver | trophy |
| 1st Novice Driver | trophy |

The trophy and above awards may be presented at the 2023 **Motorsport Australia** Motor Sports Awards (WA). Recipients will be 'invited' to attend and all are welcome to attend.

#### **S. ENTRY FEES**

Entry fees may vary depending on the venue being used and will be published in the Supplementary Regulations for each event.

#### **T. INSURANCE**

Insurance cover is provided by **Motorsport Australia** in accordance with Appendix I of the **Motorsport Australia** Manual.