

Modified Article	Date of Application	Date of Publication
Due to a review of these regulations for 2024 most articles have been modified	01/01/2024	01/01/2024
3.3 Officials	18/01/2024	18/01/2024
5.9 <i>Competition Area</i>	18/01/2024	18/01/2024
7.1.2 <i>Automobile Eligibility</i>	18/01/2024	18/01/2024
10.1.1 <i>Test Procedure</i>	18/01/2024	18/01/2024
11.5 Timing	18/01/2024	18/01/2024
12 Penalties	18/01/2024	18/01/2024

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 this document.

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

1. AUTHORITY

- 1.1 A *Motorkhana Event* will be held under the FIA International Sporting Code including Appendices, the National Competition Rules of *Motorsport Australia*, these *Standing Regulations*, and the *Supplementary Regulations* for the *Event*.
- 1.2 Refer Attachment A below for further conditions specifically for the Motorsport Australia Motorkhana Championship.
- 1.3 Each State Council may authorise a State Motorkhana Championship provided it complies with these *Standing Regulations*.

2. INTRODUCTION

A *Motorkhana* is a *Competition* where the object is for each *Driver* to complete the program of *Tests* in the prescribed manner in the shortest time, including any penalty.

Note: A *Motorkhana* is not and must not include a *Speed Event*.

3. OFFICIALS

- 3.1 An observer/s will be appointed to verify that each *Automobile* completes each *Test* in accordance with the Rules. Each will be a Judge of Fact in respect to crossing a line, striking a marker, entering/exiting a garage, correctly following the *Course* or any other similar requirement.
- 3.2 For each Essential Official required for each status of *Competition* refer to "Essential Officials – Auto Test" published at motorsport.org.au.
- 3.3 For a *Club Competition* or *State Competition*, any official, except for a Steward (if appointed), subject to a qualified replacement being appointed, may participate as a *Competitor* or *Driver*.

4. ENTRIES

- 4.1 Each *Driver* must hold at least a Junior Speed Licence or Speed Licence. Refer General Appendix – Competition Licences.
- 4.2 A *Driver* is permitted to be entered to drive 1 *Automobile* only in each *Event*.

- 4.3 Unless approved by the Clerk of the Course for a family unit, a maximum of 4 *Drivers* may be entered in the same *Automobile*.

5. COMPETITION AREA

- 5.1 A *Motorkhana* may be conducted on a sealed or unsealed surface.
- 5.2 The *Test* area must be as flat and as smooth as practical and free of any hazard.
- 5.3 Unless advised otherwise in the *Supplementary Regulations*, the layout of each *Test* must be one that is included in the *Motorkhana Test Booklet*. Regardless, the layout of each *Test* must fit within an area of 100 m x 50 m and not contain a straight section greater than 60 metres without a turn of at least 90 degrees.
- 5.4 The layout for each *Test* is subject to ± 200 mm for each dimension.
- 5.5 A diagram of each *Test* will be published and distributed to each *Competitor* at the *Event*.
- 5.6 Each marker must be at least 750 mm high, not exceed 300 mm square at its base and constructed to minimise any damage to an *Automobile*. Each *Test* diagram will indicate a letter for each marker. Each marker with the same letter must be the same colour and each letter a different colour. Only a green marker may be used for the start garage, and only red for the finish garage with no other marker so coloured.
- 5.7 Each garage must be clearly marked at its extremities, and by markers on each side. The back of each garage must be marked in a similar manner unless it is required that an *Automobile* will travel through the garage.
- 5.8 A field boundary line must extend across the fronts of the start and finish garages of each *Test* extending 4 metres to each side and joining the fronts of such garages, spaced 1 metre apart. The markers of this field boundary must be of a distinctive form and/or colour different from all other markers of the *Test*.
- 5.9 The *Competition and pit* area must be separate from the spectator area in which spectator marshals may be appointed and:
- 5.9.1 for each *Test*, only a necessary official, *Automobile*, *Driver* and *Passenger* are permitted within the *Competition* area;
 - 5.9.2 an adequate runoff must be provided at the rear of the finish garage which separates it from the spectator area; and
 - 5.9.3 animals are prohibited.

6. SAFETY

- 6.1 A speed limit of 10 km/h applies in any non-competition area.
- 6.2 A first aid kit and a 4 kg fire extinguisher be provided by the *Organiser* adjacent to the start garage.

7. AUTOMOBILES

7.1 ELIGIBILITY

- 7.1.1 Each *Automobile* must comply with Technical Appendix - Schedule A and Auto Test Appendix - Group 4H *Motorkhana Technical Regulations*.
- 7.1.2 Unless otherwise specified in the *Supplementary Regulations* (e.g. Self-Scrutiny [Statement of Vehicle Compliance-Checklist](#)), each *Automobile* must be examined by a Scrutineer prior to its first *Competition* at each *Event*.

7.2 REPLACEMENT

- 7.2.1 Subject to the approval of the Clerk of the Course:
- 7.2.1.1 a *Driver* whose *Automobile* has failed may use a replacement (preferably in the same class) provided it has passed scrutineering; and/or
 - 7.2.1.2 an *Automobile* which temporarily fails and is repaired may complete a further *Test/s* out of running order subject to maintaining the fairness of the *Competition*, e.g. changing weather conditions, timetable. In this case, a *Test* area must not be held open after each other *Automobile* has completed that particular *Test*; and
 - 7.2.1.3 any such decision of the Clerk of the Course is not subject to protest.

7.3 CLASSES

- 7.3.1 Each *Automobile* will be classified as either 'Production' or 'Specials' in accordance with Auto Test Appendix – Group 4H Motorkhana Technical Regulations.
- 7.3.2 The *Supplementary Regulations* may include additional classes for *Drivers* only.

8. DRIVERS

- 8.1 Each *Driver* must wear apparel and use a seat belt compliant with Technical Appendix - Schedule D and I.
- 8.2 The minimum age for a *Driver* is 12 years at the time of the *Competition*.

9. PASSENGERS

- 9.1 Except for the Motorsport Australia Motorkhana Championship or where prohibited in the *Supplementary Regulations*, a *Passenger* is permitted for the purpose of instruction/guidance subject to the following:
 - 9.1.1 An inexperienced *Driver* (including a *Junior*), may carry an experienced *Passenger*, or an experienced *Driver* may carry an inexperienced *Passenger* (including a *Junior*);
 - 9.1.2 A request must be lodged with the Clerk of the Course who will determine the suitability of the *Passenger* or the experience of the *Driver* prior to approval;
 - 9.1.3 Each *Passenger* must complete the Motorsport Australia "Passenger in Vehicle Disclaimer Form" before any *Test*;
 - 9.1.4 Only 1 *Passenger* is permitted in the *Automobile* with the *Driver* at any time during a *Test*; and
 - 9.1.5 Each *Passenger* must wear apparel and use a seat belt compliant with Technical Appendix – Schedule D and I.

10. TESTPROCEDURE

10.1 GENERAL

- 10.1.1 If fewer than [50 percent of the scheduled number of](#) ~~4~~ Tests are conducted, the *Event* will be abandoned.
- 10.1.2 The *Supplementary Regulations* must include:
 - 10.1.2.1 a list of each *Test* to be conducted;
 - 10.1.2.2 the rotation system for the running order for each *Test* based on the number of entries and the number of *Tests*, and
 - 10.1.2.3 the method by which each competition number will be allocated.
- 10.1.3 Any interpretation of a *Test* procedure may only be provided by the Clerk of the Course or any official appointed by the Clerk of the Course for that purpose.
- 10.1.4 If a marker is displaced during a *Test*, and it is required to negotiate that marker later in the same *Test*, the *Driver* must respect its original position.
- 10.1.5 An *Automobile* must complete the full distance of a *Test* under its own power.
- 10.1.6 Provided an *Automobile* completes a *Test*, including any retracing of an incorrect path, that attempt will be considered valid.

10.2 START AND FINISH

- 10.2.1 Each *Automobile* must *Start* and finish each *Test* in a forward direction.
- 10.2.2 Prior to the commencement of the *Test*, an *Automobile* must be stationary, wholly within the boundaries of the start garage and behind the *Start Line*. A *Driver* may request the assistance of an official when aligning their *Automobile* at the *Start Line*.
- 10.2.3 For the commencement and finish of a *Test*, the front wheels of the *Automobile* must precede the rear wheels across the *Start Line* and *Finish Line*.
- 10.2.4 The *Finish Line* must be not less than 500 mm and not more than 1 metre behind the front of the finish garage.

- 10.2.5 To finish correctly, an *Automobile* must cross the *Finish Line* between the markers and stop within the finish garage without displacing any marker. This manoeuvre must be completed without reversing and within 10 seconds of crossing the *Finish Line*. Spinning an *Automobile* to a halt in the finishing garage is not considered as reversing.
- 10.2.6 A *Driver* will be deemed to have failed to attempt a *Test* if:
- 10.2.6.1 not arriving at the *Start Line* after being called twice by the officials; and/or
- 10.2.6.2 having arrived at the *Start Line*, fails to *Start* within 1 minute of being instructed to do so by an official.
- 10.2.7 To be classified as a finisher in an *Event*, a *Driver* must start at least 50% of the *Tests* in that *Event*.

10.3 RE-RUNS

- 10.3.1 A re-run of a *Test*, whether for an individual or for the whole field, will be determined by the Clerk of the Course to provide a fair result. Any such decision is not subject to protest.
- 10.3.2 The Clerk of the Course must ensure that the timekeeper and other officials of the *Test* concerned are notified of any re-run.

11. TIMING

- 11.1 Timing must be to 0.01 of a second.
- 11.2 Timing will commence when the leading point of the *Automobile* crosses the *Start Line* and end when it crosses the *Finish Line*.
- 11.3 Timing may be automatic or manual. If automatic timing is used the Organiser must provide manual timing as a back-up.
- 11.4 Manual timing must use at least 2 stopwatches each operated by a different official and the times recorded averaged which will be the *Driver's* elapsed time.
- 11.5 For each *Test*, ~~the *Driver's* time card will record~~ the Organiser must display the time ~~taken~~ recorded by each *Driver* including any penalty imposed.
- 11.6 Each *Driver* must be advised if an error in the automatic timing is detected and the Clerk of the Course will decide whether:
- 11.6.1 the *Test* concerned will be abandoned, providing that the program will still then contain at least the minimum number of *Tests*; or
- 11.6.2 the *Test* will be re-run with restored or alternative equipment; or
- 11.6.3 the *Test* will revert to manual timing for all *Drivers*.

12. PENALTIES

- 12.1 A penalty imposed during a *Competition* will be noted in the results for each infringement as follows:

Infringement	Penalty	Abbreviation for results
Hitting a marker	Plus 5 seconds <u>per marker</u>	1F, 2F etc
Not fully garaged	Plus 5 seconds <u>plus any marker hit</u>	NFG
Failure to come to a complete stop in the finish garage	Slowest time plus 5 seconds	NSG
Completely outside the finish garage boundary	Slowest time plus 5 seconds	OSB
Failure to follow the <i>Test</i> procedure	Slowest time plus 5 seconds	IM WD
Failure to finish	Slowest time plus 5 seconds	DNF

Running out of order without the Clerk of the Course approval	Slowest time plus 10 seconds	IM
Reversing after crossing the <i>Finish Line</i>	Slowest time plus 5 seconds	RAF
Failure to <i>Start a Test</i>	Slowest time plus 10 seconds regardless of "twice the fastest time" being faster	DNS

- 12.2 "Plus 5 seconds" means 5 seconds added to the time recorded by that *Driver* on that *Test*.
- 12.3 "Slowest time plus five seconds" means 5 seconds added to the overall slowest time recorded in that *Test* by a *Driver* ~~of at least 18 years of age~~ without a *Passenger*.
- 12.4 "Slowest time plus 10 seconds" means 10 seconds added to the overall slowest time recorded in that *Test* by a *Driver* ~~of at least 18 years of age~~ without a *Passenger*.
- 12.5 If the overall fastest time or slowest time includes a penalty, then the next fastest time or slowest time without any penalty incurred must be used.
- 12.6 If the slowest time plus 5 seconds exceeds twice the overall fastest time, the time applied will be twice the overall fastest time.

13. RESULTS

Results will be determined by the aggregate of the elapsed time including any penalty/s of each *Test* completed by each *Driver* with the winner being the *Driver* having the lowest aggregate time. If there are equal aggregate times, the tied *Drivers* must be declared joint placegetters.

14. AWARDS

Any award will be specified in the *Supplementary Regulations*.

15. DEFINITIONS

Junior: A *Driver* who is at least 12 years of age and less than 18 years of age on the first day of *Competition* of an *Event*.

Test: A *Course* which a *Driver* is required to complete in the prescribed manner.

ATTACHMENT A

MOTORSPORT AUSTRALIA MOTORKHANA CHAMPIONSHIP CONDITIONS

1. CONDITIONS

- 1.1 The Motorsport Australia Motorkhana Championship must:
- 1.1.1 be conducted as a single annual *Event*;
 - 1.1.2 schedule a program of a maximum of 16 *Tests* selected from the Motorkhana Test Booklet of which at least 25% must be a reversing *Test* and no *Test* may be scheduled more than once; and
 - 1.1.3 be conducted on a sealed surface.
- 1.2 The Supplementary Regulations may only include classes complying with Group 4H – Motorkhana Technical Regulations. A class for novice *Drivers* is not permitted.
- 1.3 Awards must be provided to the *Drivers* classified:
- 1.3.1 in the first 6 places in the general classification; and
 - 1.3.2 first, second and third in each class (subject to more than 6 entries in the class).
 - 1.3.3 Other awards may be provided.

2. ROTATION SCHEDULE

The *Motorsport Australia Motorkhana Championship* will be contested annually, at a venue and on a date approved by *Motorsport Australia* in consultation with the relevant State Council and generally in accordance with the following rotational system:

Year 1 (2023)	New South Wales
Year 2	Western Australia
Year 3	South Australia
Year 4	Victoria
Year 5	Northern Territory
Year 6	Tasmania