



CAPE HELL DRIVERS MOTOR CLUB

KAAPSE JAAGDUIWELS MOTORKLUB

REGULATIONS AND SPECIFICATIONS FOR THE 2018 - 2019 SEASON CHD OVAL TAR CLUB CHAMPIONSHIP

WC Circular 52 / 2018

These Regulations are to be read in conjunction with the General Competition Rules (GCR's), Standing Supplementary Regulations (SSR's), the MSA Oval Tar Regulations and any APPLICABLE Circulars issued by Motorsport South Africa.

1. CONTROLLERS

Will be the Cape Hell Drivers Motor Club (herein referred to as CHD) Committee.

2. AMENDMENTS

ANY proposed / desired changes to these Championship Regulations **must** be submitted to the Controllers for consideration at their next Committee Meeting.

The Controllers reserve the right to introduce new Regulations and / or amend existing Regulations. Technical changes to these Regulations **shall** be issued to competitors at least SEVEN (7) days prior to the next event being held.

3. AIM OF THE CHAMPIONSHIP

To declare a CHD Oval Tar Club Champion in each of the following Classes:

1660
2.1 Modified Saloons
Stock Rods
Pink Rods
Heavy Metals
Super Saloons
Mini
Midgets

4. REGULATIONS

All race meetings shall be held under the General Competition Rules (GCR's), Standing Supplementary Regulations (SSR's) of Motorsport South Africa (MSA), these Standing Rules, the MSA Oval Tar Regulations and the Supplementary Regulations issued by the Promoters / Organisers.





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5. ELIGIBILITY OF DRIVERS

- 5.1 The Championships shall be open to all drivers resident within the Western Cape and who are members of CHD.
- 5.2 For all classes (except the Mini Class) drivers must not be younger than 16 years of age.
- 5.3 For the Mini Class, drivers must not be younger than 10 years old and may not be older than 18 years old (without a legal driving licence) when joining the class. A competitor may remain in this class for the remainder of the season in which he / she turns 18.

6. ELIGIBILITY OF CARS

- Refer to the following:
- Appendix A for 1660 class
 - Appendix B for 2.1 Modified Saloon class
 - Appendix C for Stock Rod / Pink Rod class
 - Appendix D for Heavy Metal class
 - Appendix E for Super Saloon class
 - Appendix F for Mini class
 - Appendix G for Midgets

7. TYRES

- Refer to the following:
- Appendix A for 1660 class
 - Appendix B for 2.1 Modified Saloon class
 - Appendix C for Stock Rod / Pink Rod class
 - Appendix D for Heavy Metal class
 - Appendix E for Super Saloon class
 - Appendix F for Mini class
 - Appendix G for Midgets

8. MINIMUM NUMBER OF STARTERS

- 8.1 In order for all classes (except the Mini Class) to qualify for Club Championship status at each round, there must be a minimum of six (6) eligible starters during any race of that event.
- 8.2 In order for the Mini Class to qualify for Club Championship status at each round, there must be a minimum of five (5) eligible starters during any race of that event.
- 8.3 To be classified as a STARTER, a competitor has to cross the start line and start the race under the car's own power.





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9. RACE DISTANCE

Qualifying races shall be run over the following distances for all classes:
Minimum of 6 laps – maximum of 20 laps.

10. STARTING PROCEDURES

Starting procedures as per MSA Tar Oval Regulations or as per the SR's for each event.

11. GRIDS AND STARTING POSITIONS

As specified in the SR's for the event.

12. POINT SCORING

The following point scoring system will apply to all classes at Club events scoring towards the CHD Tar Oval Club Championship:

1 st	-	15 points	8 th	-	7 points
2 nd	-	14 points	9 th	-	6 points
3 rd	-	13 points	10 th	-	5 points
4 th	-	12 points	11 th	-	4 points
5 th	-	10 points	12 th	-	3 points
6 th	-	9 points	13 th	-	2 points
7 th	-	8 points	14 th onwards	-	1 point

- Drivers competing in more than one class will score individually in each class and points gained in one class will not be combined with points scored in any other class.
- Competing drivers who are ineligible for the Championship will be ignored for the purpose of scoring in the Championship. The onus rests on the Organisers to indicate which competitors should not be scored, should this clause apply.
- Should amalgamation of classes take place, competitors so grouped shall remain eligible to receive the points they would have been awarded had they competed in their appropriate classes.

13. CHAMPIONSHIP RACE MEETINGS

All CHD races held at Killarney and listed as qualifying races in the SR's will count towards the Championship, each event will generally consist of 3 races and a final.





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14. NUMBER OF EVENTS SCORING TOWARDS CHAMPIONSHIP

All qualifying events will score towards the Championship. Should a minimum of six (6) events with the required minimum number of starters take place, the Championship may still be declared.

15. ANNOUNCEMENT OF POINTS AWARDED

Scoring for each event will be available from the CHD Secretary no later than seven (7) working days following the event. Any objections concerning the scoring must be received by the Secretary in writing not later than 7 days following the publication of the scoring. The Controllers reserve the right to correct clerical errors at any time.

16. SEPARATION OF TIES OVERALL

Refer GCR229.

17. DECLARATION OF CHAMPIONS

The CHD Committee, at its sole discretion, is responsible for declaring the winners of each Championship class, or to withhold such declaration.

18. COMPETITION NUMBERS

Shall be allocated by the Controllers. Competition Numbers must be displayed in accordance with MSA GCR's, SSR's and applicable Bulletins issued by MSA, in ALL regards.

19. DYNO PROCEDURE

- 19.1 All cars to be tested in 4th gear.
- 19.2 Doors of Dyno to remain open with safety chain in position to avoid crowding at the door.
- 19.3 Dyno runs can be done at any time during or after the last race of the event.
- 19.4 The only Dyno to be used for dyno tests is the Bosch Dyno at Fuelled at the Killarney International Racetrack.
- 19.5 Only the competitor (and parent in the case of a minor) as well as the authorized officials are allowed in the dyno room while testing is taking place.

20. PUMP FUEL

Pump fuel will be defined as fuel with a maximum octane rating of 95.





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21. PENALTY FOR BREACH OF TECHNICAL CLUB RULES

Should a driver be found in breach of a technical regulation(s) after post event scrutineering or technical checks, the following penalties will apply:

- 21.1 First offence - Competitor to lose all points scored in the club championship to date.
- 21.2 Second offence - Competitor to lose all points scored in the club championship to date as well as a R1500.00 fine which must be paid in full to MSA before the competitor will be allowed to compete again.
- 21.3 Third offence - Referred to CHD Club Committee for disciplinary action.





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APPENDIX F - MINI CLASS

The general rule of what is not specifically allowed is not permitted applies.
Please also refer to points 1 – 21 of this Circular.

F1. CAR CONSTRUCTION (MINI'S)

- 1.1 Only a Mini body like those that was sold in SA between 1960 & 1985 may be used in its standard form.
- 1.2 Fiberglass bonnet and boot is optional.
- 1.3 Fiberglass skin over the rest of the body except the roof is allowed for cosmetic reasons only, but panels to stay intact and not to be lightened.
- 1.4 All body parts to remain standard and only the doors may be cut on the inside to fit the sissy bars.
- 1.5 All doors to remain operational. Flap type opening on both sides are permitted.
- 1.6 Wheels must be covered by body panels. Radiators shall be mounted within the engine compartment of vehicles.
- 1.7 No onboard radiator spraying equipment is permitted.
- 1.8 Radiators – 2 x mini heater radiators allowed.
- 1.9 After market radiators can be used with original fan. Electric fans are allowed.

F 2. CAR CONSTRUCTION (UNO'S)

- 2.1 Only the UNO 1100 may be used. The original engine mountings must be strengthened.
- 2.2 A thrust mounting may be added.
- 2.3 Radiators shall be mounted within the engine compartment of vehicles.
- 2.4 No onboard radiator spraying equipment is permitted.
- 2.5 Radiators – 2 x mini heater radiators allowed.
- 2.6 After market radiators can be used with original fan. Electric fans are allowed.

F 3. ROLL CAGE AND FRAME

- 3.1 Roll cage refer to Technical and Construction Regulations.
- 3.2 Full roll cage to be fitted, may support rear of front strut tower, but not further than rear strut tower.
- 3.3 Sissy bars and external bumpers are compulsory.
- 3.4 Bumpers will be for protection purposes of young drivers only.
- 3.5 Bumpers to be mounted to roll cage with 10 degree “weakening bend” 200mm from bumpers.
- 3.6 Bumper thickness 38 x 2mm. Only 4 mounting points are allowed.





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3.7 All cars need to adhere to safety regulations. If not, car will not be allowed to race. No exceptions.

F 4. BRAKES

Effective braking is mandatory on all 4 wheels. No brake bias is allowed.

F 5. DIMENSION AND WEIGHTS

Minimum: 650kg including driver.

F 6. ENGINE

- 6.1 Mini engines are open with the following exceptions:
 - 6.1.1 Bore 73 maximum from a road going car or LDV may be used
 - 6.1.2 Stroke 69,85 maximum (1100)
 - 6.1.3 kW 40 maximum
 - 6.1.4 Torque 100 maximum
- 6.2 Uno engines are open with the following exceptions:
 - 6.2.1 Bore 70 + 40 thou maximum
 - 6.2.2 Stroke 72 maximum (1100)
 - 6.2.3 kW 40 maximum
 - 6.2.4 Torque 100 maximum
- 6.3 Any 73mm pistons from a road going car or LDV may be used in a Mini engine.
- 6.4 The standard clutch assembly & gearbox and flywheel are to be used.
- 6.5 The engine is to remain in its original position.
- 6.6 A Mini S.U. (37/38) side draft may be used in standard form (1 and a half inch – single). An original Uno carburetor to be used on a Uno engine.
- 6.7 Air cleaners are optional. No air routing or air induction is allowed.
- 6.8 100% Full throttle operation.
- 6.9 Only an original Mini distributor may be used. It may be changed to electronic. (Motor drive ,KB Turbo's).
- 6.10 No electronic management systems are allowed.
- 6.11 Cars are not allowed to produce more than 40Kw & 100Nm torque measured on the flywheel.
- 6.12 The crankshaft may not be stroked.
- 6.13 Sump, gearbox and diff plug are to be wired and all vehicles will have a drip tray fitted underneath the engine.
- 6.14 All drivers to produce a dyno sheet before the start of the season.





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F 7. EXHAUSTS

- 7.1 Exhaust systems are free.
- 7.2 Maximum – 108 Db.

F 8. FUEL

Only pump fuel is permitted (ethanol is excluded).

F 9. STEERING AND SUSPENSION

- 9.1 No rose-type joints are allowed. No alterations to wishbones or shock mounting.
- 9.2 Any Monroe / Armstrong / Gabriel shocks are allowed. Shocks must be used in Standard form as it was fitted to an original Mini / Uno.
- 9.3 No spacers on wheels allowed.
- 9.4 The front left lower control arm may be extended with 10mm.
- 9.5 No lowering of suspensions will be allowed & only the original mounting points will be allowed.
- 9.6 No alterations may be made to the sub frames.
- 9.7 Wheel studs can be up to 14mm.

F 10. TRANSMISSION

- 10.1 No limited slip differentials are allowed.
- 10.2 Differential ratios may be changed. Locking is not allowed. Only standard Uno + Mini differential ratios may be used to suit different circuits.

F 11. WHEELS AND TYRES (MINI'S)

- 11.1 Any 145 SR 10" tyre may be used. No retreads.
- 11.2 A maximum rim width of 4 and a half J is allowed (4.5").
- 11.3 Only 10 inch steel or epoxy standard rims (trailer) may be used. On the rims the maximum dish offset measured from the outside of the rim to the bolt height of the dish may not be more than 70mm.
- 11.4 Only 1100 mini drums may be used (not with built in spacers).
- 11.5 No altering of rims is allowed.

F 12. WHEELS AND TYRES (UNO'S)

- 12.1 Tyres: Maximum width: 155mm x 13"
- 12.2 Only local street tyres that is available to the public at all times and that can be bought over the counter may be used.





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- 12.3 Only standard drum brakes may be used on rear + Uno standard brakes front.
- 12.4 A maximum rim width of 4 and a half J is allowed (4.5").
- 12.5 Only steel or epoxy standard rims may be used. On the rims the maximum dish offset measured from the outside of the rim to the bolt height of the dish may not be more than 70mm.
- 12.6 No altering of rims is allowed.

F 13. WINGS

Wings are not permitted.