

Class Rules and Regulations

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MowtiV8

ProMow

International

ShowMow
Racing
AUSTRALIA

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COMPETITION REGULATIONS

1. GENERAL

- . 1.1. The organisers retain the right to limit the number of entries.
- . 1.2. If entry numbers are insufficient for any class, the organisers may cancel competition for that class or combine it with another class by using some form of handicap if necessary.
- . 1.3. Entry Fees start from \$20 for each driver, each event. But the objective remains to limit costs as much as possible.
- . 1.4. No alcoholic beverages may be consumed by any driver or crew member before the end of the last race or any other on-track activity. No illegal drugs or controlled substances shall be tolerated on the track premises at any time. Violation will result in disqualification and loss of points or results. Drivers should familiarise with Clubs affiliation with 'Good Sports Club' policies and guidelines.
- . 1.5. All on-track and competition (i.e. non-technical) issues must be raised with the Chief Steward on the day of the event.
- . 1.6. Any technical specification issue should be referred to the Chief Scrutineer.
- . 1.7. Unauthorised persons are not allowed onto the track or pit area at anytime.
- . 1.8. Pets are not allowed onto the track, or pitted area at any time.

2. RULES OF THE TRACK

- . 2.1. No bumping or deliberate blocking will be tolerated. A driver maintaining a racing line is not considered to be blocking, however several changes of line to deliberately impede a following driver will be penalised.
- . 2.2. The responsibility of a safe pass rests with the overtaking driver.
- . 2.3. The following flag signals (where flags are used) will be followed without question:
 - . 2.3.1. GREEN (held steady) – prepare for race start
 - . 2.3.2. GREEN (waved) – the race is underway, or resume racing after yellow.
 - . 2.3.3. YELLOW – caution. SLOW DOWN. Obstruction or mishap ahead - No passing until past hazard or next flag point indicating green flag. Drivers are to form a single line behind the leader and follow the starter's directions. Very slow machines may signal following machines to pass.
 - . 2.3.4. YELLOW and WHITE – awaiting drivers to slow into a single line after slow down pending race recommencing
 - . 2.3.5. RED – danger. Stop racing immediately and clear the course as much as possible.
 - . 2.3.6. BLACK (furled) – displayed as a warning for a driving infringement. Continued infringement will result in an unfurled Black flag and disqualification.
 - . 2.3.7. BLACK (unfurled) – displayed for dangerous driving, continued driving infringements or flagrant breaking of the rules. The driver must complete the lap and pull off the race track to the pits or a safe area away from the track without impeding any other competitors.
 - . 2.3.8. BLUE (optional, at Head Marshalls discretion) – a quicker vehicle is close behind. Maintain your course and allow them to pass.
 - . 2.3.9. WHITE- Last Lap of Race
 - . 2.3.10. CHEQUERED – end of race
- . 2.4. If a driver leaves the course he/she must slow down and re-enter the course as close as possible to the same point the driver left the marked course. The driver may not simply re-enter further down the course in order to gain an advantage.
- . 2.5. If a driver stalls on the course the driver's first responsibility is to raise one hand high, then await instruction from the flag marshals. Crew members are not to go onto the course unless directed to do so by the Chief Steward or his/her representative.

- . 2.6. Unsafe track driving practices may result in disqualification.
- . 2.7. Grid positions may be determined by random selection, qualifying times or by predetermined allocation by Race Steward if applicable.
- . 2.8. The duration of a race (i.e. number of laps) will be advised to the drivers prior to commencement of the race. If a race is stopped (e.g. red flagged) prior to completing the notified number of laps, then the race can be declared finished if more than 75% of the notified number of laps have been completed.
- . 2.9. The finishing order will be as the mowers passed the finish line on the last completed lap prior to the display of the red flag. If less than 75% of laps have been completed then the race may be abandoned or, if time permits, rerun in full or restarted from the point it was stopped. If the race is restarted it shall be single file and in the order as mowers finished the last lap prior to the display of the red flag.

3. RULES OF THE PITS AND GRID

- . 3.1. No person under the age of 16, unless competing shall be permitted on the grid.
 - . 3.2. No mower may have more than one attendant on the grid in addition to the driver unless permission is granted by the chief steward or committee.
 - . 3.3. Long pants, closed shoes and Hi-Visibility shirts/vests are required to be worn by all crew members and Marshalls and officials (including media etc) on/in the track and grid area.
 - . 3.4. No smoking in the pits, track and grid area AT ALL.
 - . 3.5 Where a designated refuelling area is provided, it MUST be used by all members.
 - . 3.6. During refuelling the engine must be off and driver must dismount. An appropriately rated fire extinguisher must be in the hands of a crew member any time fuel is added to a hot machine.
 - . 3.7. Mower must be completely stopped before the driver dismounts.
 - . 3.8. Drivers and Crew members are under the direction of the pit stewards, or their representatives, at all times when machines are in the pit area.
- 3.9 All drivers, crews & attendants must be current financial members of Showmow Racing Australia Inc

4. DRIVER ELIGIBILITY

4.1. Classes are set as Restricted A (Starter), Restricted B (developing) Classes and Standard, Std Advanced (D), Modified (C) & Super Modified Classes.(B)

** approx. equivalent in national comparison in brackets.

4.2. For Restricted A (Starter), drivers must be a minimum of 8 years of age. Prior to competing in any event Class drivers must be able to demonstrate to the Chief Steward/ Licence reviewer adequate skill and control of the mower. (See Section 10 for Restricted Class mower requirements)

4.3. All drivers must sign a release form discharging the organizers from liability and for drivers under 18 years of age this form must also be signed by an attending a parent/guardian.

4.4. All drivers must be financial members of ShowMow Racing Australia Inc.

4.4a The Committee at its discretion can offer short term membership for the purpose of allowing visitors access to racing with the club on a particular day, or the duration of an event. This fee is currently set at \$30 per driver – but will be reviewed where is considered that a higher fee is required to meet costs.

4.5. Drivers new to ShowMow Racing Australia inc. will be required to start in Restricted A or B Class for a minimum of their first three Race Meetings to allow Stewards to observe driver standards.

4.6. New Adult Members must commence racing in B Class and then after a minimum of 10 completed races, may apply for a license review to progress up to next class. After a further full year of competition in Standard Class they may progress to Modified Class.

4.7. A racer in a class higher than the entry class for new members (currently Restricted B class or Restricted A if <16) must complete a minimum of 50% of eligible race meetings and competition races to retain a licence at this level. Should a driver take a leave of absence from the club or not meet this competency (i.e. 50% rule) then they will be required to recommence their racing at the entry class and follow the provisions listed in section 4.6.

4.8 A racer who can provide evidence and documentation of holding a long term and/or existing motor sport licence commensurate with the skills involved in Lawn Mower racing, can make application to the committee for special consideration to review the provisions of sections 4.6 – 4.8.

- 4.9 A club member who can provide evidence and documentation of long term racing experience ,(and championship trophies to support their abilities), can make application to the committee for special consideration to review the provisions of sections 4.6 – 4.8.

Class definitions

Speed Less than 18 km/h	MowtiV8 programme Skill development	Require – safety introduction /non racing
Min 18 – Max 30 km/h approximate race speed of 25 km/h #	Starter Restricted A	Required : MowtiV8 safety and skill certification Restricted A Licence
Min 25 – Max 35 km/h approximate race speed of 30 km/h #	Intermediate Restricted B	Required : Satisfactory completion of A class racing season, and successfully obtain B class licence <u>OR</u> Hold a NSW drivers permit at any level and successfully obtain B class licence
Min 30 – Max 40 km/h approximate race speed of 35 km/h #	Standard	Required : Satisfactory completion of Restricted B class racing season and successfully obtain C class licence <u>AND</u> Hold a NSW drivers permit at any level (Learners permit only allowable whilst actively accruing hours and within 12 months of commencement)
Min 30 – Max ?? km/h	Advanced Standard	Required : Satisfactory completion of Standard C class races Committee* consent <u>AND</u> Hold a NSW drivers licence – Red P or higher
Min 35 – Max ?? km/h	Mods Modified Mowers	Required :

		<p>Satisfactory completion of Standard class racing season , Committee consent AND</p> <p>Hold a NSW drivers permit at green P or higher level</p>
Min 35 – Max ?? km/h	<p>Supers</p> <p>Super Modified Mowers</p>	<p>Required :</p> <p>Satisfactory completion of Modified class racing season , Committee consent AND</p> <p>Hold a NSW drivers permit at an unrestricted level.</p>
<p>Veterans Class</p> <p>Min 22 – Max 40 km/h</p> <p>approximate race speed of 32 km/h #</p>	<p>Masters</p> <p>Open design to safest option for Driver, speed limited</p>	<p>Required :</p> <p>Hold or have previously held a NSW drivers permit at an unrestricted level.(or similar)</p> <p>AND 50 years of Age and Over</p>
<p>* Committee = ShowMow Racing Australia Inc, Committee or their delegates.</p> <p># race speed is not the average speed for the race it is what would normally be tested/measured as the mowers pass the start line on the straight and will vary from track to track.</p> <p>++ satisfactory completion of a season would be indicated by a completion rate of no lower than 70% of races held, and with a good driver record on and off the track.</p>		

5. DRIVER SAFETY EQUIPMENT

- . 5.1. Every driver MUST wear an automobile or motorcycle type helmet with the minimum of AS 1698 approval sticker attached. Helmets must be in sound overall condition and fit snugly. Chin straps must be done up while racing or practicing.
- . 5.2. Goggles, approved safety glasses or a face shield are required. Reading or straight sunglasses are NOT sufficient. Sunglasses may be worn under a CLOSED visor.
- . 5.3. Every driver must wear (as a minimum) long pants, **long sleeved ShowMow race shirt***, full finger gloves and leather over-the-ankle footwear.

*(*A class racers that are participating at a non-public event may wear a long sleeve equivalent to this shirt)*

Neck braces are compulsory, as is body armour for every racer under 18. Armour is highly recommended for all drivers and should be of a jacket type providing protection to torso, shoulders and elbows. (see eg .)



No loose clothing (unbuttoned or untucked shirts etc) allowed. Long hair must be kept tucked inside helmet, or safely retained under shirt etc.

It is currently a requirement that all U18 drivers are required to wear body armour. Armour should cover upper half of body with guards on the shoulders, chest and elbows. It is anticipated that this will extend to all racers in following seasons.

- . 5.4. Drivers must have a fully charged appropriately rated fire extinguisher in their equipment and it must be readily available adjacent to any fuelling operation. Drivers who discharge someone else's are required to replace it.
- . 5.5. The placing of hands around and/or under rear guards of the mowers is not permitted. Drivers may fit handles or handgrips to the top of the rear guards of their mowers, but the handles must not extend outside the existing bodywork (from 1/7/2018) at the rear of the mower and must be sufficiently large to enable their gloved hand to fit under the handle and be removed without getting caught

6. MOWER ELIGIBILITY

- . 6.1. Events are open to all self-propelled lawn mowers, the main provision being that the mower must originally have been designed and sold commercially to mow residential lawns.
- . 6.2. The generally accepted category is ride-on mowers and lawn tractors with rear tyres 20 inches (510mm) diameter and under. Tyres MUST be turf tread mower tyres. (refer 9:20)
- . 6.3. Final drive ratio is free for all mowers Standard class or above. (A and B class mowers should not gear higher than 6" front and 4" rear pulleys, unless consented by pink slip scrutineer for build reasons). Mowers may be restricted by gearing or engine revs or other means to achieve capping the maximum speed of 30/35/40 kph.
- . 6.4 Restricted classes (A and B) are 'restricted' by having a non-locked transaxle, and a single cylinder engine no greater than 13.5 HP.
- . 6.4. Demonstration or "novelty" classes may be included for mowers that otherwise may not be eligible for competition.
- . 6.5. Other classes may be added if sufficient interest is shown.
- . 6.6 All mowers that will be involved in ShowMow events will need to have undergone a 'Pink slip' process, before being raced. This will be completed by a club authorised scrutineer and will incur a \$10 service fee that will be paid to the club at the time of inspection. A request for a 'special' inspection outside of declared inspection days, will attract further fees which will be advised on request.

7. SCRUTINEERING

- . 7.1. Every mower must be presented for scrutineering prior to any event. An indicator that the mower has passed a scrutineering check is required before that mower will be allowed to enter the grid or track areas.
- . 7.2. Any mower may be re-scrutineered at any time if, in the opinion of the Chief Steward or Chief Scrutineer, the mower's eligibility may have changed.
- . 7.3. All safety equipment (including fire extinguisher) and clothing must be presented for inspection at the time of scrutineering and must be clean and in sound condition. Equipment that has holes, is torn or badly stained may be rejected.
- . 7.4. Drivers may be tested on their flag knowledge at scrutineering.
- . 7.5. A completed entry form and scrutineering sheet, signed by the driver and Event Secretary, must be presented to the Scrutineer.
- . 7.6. Scrutineering faults will be noted on the scrutineering form/log book. If that fault is not rectified by the next event it may not be permitted to race. If permitted NO championship points will be awarded until fault is rectified.

If the fault is safety related, then the mower will not be permitted to race.

- . 7.7. It is each driver's responsibility to ensure their mower complies with these Competition Regulations.
- . 7.8. A driver must nominate at scrutineering at each meet which race category they are entering and the mower (i.e. class/mower name and number) they will use for that meet. Another mower may be used for a race in lieu of this mower (for race participation purposes), but no championship points will be awarded.
- . 7.9. Only ONE mower per category can be nominated for competition points
- . 7.10 Owners will be provided with a log book for their mower after their initial pink slip, and this will need to remain with the mower throughout its racing life. Log book will need to be handed in at each race event and updated with scrutineers clearance report. Lost log books will need to be reconstructed and will incur a \$50 reissue fee.
- . 7.11 At a race event if there is no Log Book produced, the mower will not be cleared for racing.

8 Competition points

The drivers' and constructors' championship titles are awarded to the drivers who score the **LEAST** points over the course of the season.

Points will be calculated on the 'Field' basis. This will be determined by the Steward prior to the start of the event, and be equal to the grid positions allocated.

Any driver not starting will forfeit their grid position allocated – but all drivers will still start in their ALLOCATED grid position.

Grid positions will be allocated to all registered drivers as at the 31 July each year, after which time new racers will be allocated additional places at the rear of the grid, until a further cycle commences.

In a class where numbers are developing, a minimum grid of 6 will be used for calculations.

A false start by drivers will require the race to restart, and offenders returned to the back of the start grid.

Grid positions are allocated on a race cycle in which all of the field share an equal allocation of all positions. After all have been utilised a class review will factor in any changes in field total, and if required make changes for the next cycle. If numbers exceed a total of 12-14 entrants, then a split class may operate.

Last race day of the year will include all mowers in each class (if more than one), and will carry points equal to total field. Grid for last race day will be based on the points standing for entrants as they stand at the start of the day.

In the event of any ties for position, the last race of the season will constitute a FINAL and will be used to determine the final positions.

ALL races will be points races, unless otherwise nominated by the Race Steward.

Points are :

1 st Place	1
2 nd Place	2
3 rd Place	3
4 th Place etc up to field	4 plus one for each place thereafter
Do not Finish / Last Place	= Total # Field (at event)
Did not start / No Show to race	= Total Class registrations/membership

Track Penalties

Mower Roll Over – DNF for race, and subsequent* races until further scrutineering can confirm track worthiness.

Serious Equipment Failure - DNF for race and subsequent* races until further scrutineering can confirm track worthiness to class specifications.

This will apply to accidents where mower does not restart in a reasonable time, or loses a body part/wheel etc

Speeding Infringement – DNF for race and subsequent* races until further scrutineering can confirm track worthiness to class specifications.

Inconsistent driving - DNF for race, and subsequent* races until further scrutineering / Driver education can confirm track safety. This will be factored on the expectations of drivers within each class – with a higher standard expected of drivers incrementally above A class.

(This includes fast/slow, irregular braking or irregular steering)

Failure to follow direction Steward/Marshall – DNF for race, and subsequent* races until meeting with Race Steward occurs.

Any repeat offences will be reported to the race steward team for review, and may be escalated to the club committee if deemed necessary.

Further actions such as suspension of licence may be deemed appropriate in these circumstances. Any Breach of Clubs code of Conduct provisions will be referred to the club committee for action.

For efficiency in managing our race events, the Race Steward will hold the final say in all race matters – and decisions made in the best of their capacity. As with all other sports, the referee or official decisions are final.

Should a dispute be considered significant and necessary, it is not to be argued on the day – but raised with the committee through the established processes.

* Subsequent races may include events where two consecutive races are held, and availability of Scrutineering personnel. Any checks required are to take place in a safe location in the pitted area away from the track, and not whilst racing is still taking place.



General Build requirements



We build Mowers that
still look like Mowers.

9.1. Cutting decks must be removed completely from all mowers

9.2. All mowers must be fitted with a device to ensure the mower will come to a stop if the driver removes pressure from the drive pedal. If this is a foot accelerator pedal, the linkages must be fitted with a minimum of two return springs. Hand only throttles are not permitted if it is the only means of the mower stopping or slowing.

9.3. All mowers **MUST** be fitted with a “kill switch” that will turn the engine off in the event the driver falls from the mower.

9.4. This **MUST** be the commercially available “lanyard” type with a tether mechanically connecting to the driver and the mower (similar to that available for a jet ski) as available from the club. Other lanyards will not be allowed.

9.5. The lanyard is to be no longer than 1 metre. , but should also be of a length proportionate to driver and mower to ensure effective operation should incident occur

9.6. Velcro is **NOT** to be used to attach the tether to the driver or the mower.

9.7. Homemade switches, pressure switches or magnetic switches are not acceptable even if as fitted to the originally manufactured mower.

9.8. Additional switches that by-pass the kill switch are not allowed under any circumstance.

9.9. Mower brakes must be in good working order. A parking brake may be fitted for safety if desired.

9.10. If racing at night events, working headlights must be fitted (so other drivers can see you)

9.11. Mowers must be free of projections, which could injure the driver or a competitor, or damage another mower. No axle or wheel mounting bolts may protrude beyond the face of the sidewall.

9.12. Mowers must be safe and complete: all parts and panels in place, with no missing bolts, nuts or cotter pins etc.

9.13. All exposed chains and sprockets must be fitted with a metal guard that will deflect a broken chain downward

9.14. Mowers must be neat and clean, with paint in new or very good condition. No excess dirt, oil, grease, rust or primer should be evident. Sponsor graphics must not interfere with the mowers racing numbers and ‘MOW’ name. Mowers racing numbers and ‘MOW’ name must be clearly visible. (see 9.16)

9.15. In racing classes, bumpers may be permitted. The front most portion of the bar must not protrude any further than 30mm from the furthestmost extremities of the body work when measured on a vertical axis. The bar must not protrude past the width of the body work/tyres. Both Front and rear bars must be greater than 185mm from the ground. No push bars, rollover protection or seatbelts are allowed.

9.16. Race numbers and 'MOW' names are to be requested on the Official Entry Form or by preregistering with the event Secretary. Pre-registered numbers will take precedence. The required minimum dimensions of both numbers and 'mow' names is 70mm. Numbers MUST be clearly visible on a contrasting background. e.g. white letters on black circle/square or black letters on white circle/square.

9.17. All positive charged terminals must be insulated with a cover of heavy tape or original rubber/plastic cover securely fixed, and battery must be securely fixed.

9.18. Glass headlamps must be taped or removed.

9.19. Steering wheels may be substituted for any commercially available pieces. No further mowers are allowed in any class with handlebars in lieu of a steering wheel.

9.20. Tyres must be lawn tractor tyres. No tractor tread, A.T.V, commercial mower or performance compound, competition or kart tyres. Additional grooving is not permitted. Flat tyres will be black flagged.

9.21. No centrifugal or torque converter clutches allowed except in the Super Modified class.

9.22 GROUND CLEARANCE – Restricted and Standard class - min of 200mm to lowest part of chassis. Modified & Super Modified – 100mm to lowest part of chassis.

9.23 Horsepower ratings by class:

9.23.1 Restricted A – Maximum horsepower permitted is 13.5HP

Maximum top speed is restricted to 30kph.

9.23.2 Restricted B – Maximum horsepower permitted is 13.5HP

Maximum top speed is restricted to 35kph

9.23.3 Standard CLASS - Maximum horsepower permitted is 15 HP.

Maximum top speed is restricted to 40kph

9.23.4 Advanced Standard - Maximum horsepower permitted is 15 HP.

9.23.5 MODIFIED CLASS - Maximum horsepower permitted is 19 HP.

9.23.6 SUPER MODIFIED - Anything over 19 HP is classified as Super Modified OR a Motorbike engine must not exceed 250cc LAMS or 30HP Mower Engines.

9.23.7 MASTERS – Maximum horsepower permitted is 15 HP

Maximum top speed is restricted to 40kph

9.24 All bonnets must be fitted with securing devices to prevent opening during racing.

9.25 All engines must be verifiable by the original manufacturers Model Number and/or Engine Number. Should these details be not available, then the mower will only be qualified to compete in the super modified class of racing.

9.26 All mowers must be fitted with an effective muffler/s.



Restricted A Class
 Beginner level driving.
 An ideal class for beginner
 drivers and our younger
 members.
 Height – 200mm
 Maximum speed



Restricted B Class
 Intermediate level driving.
 An ideal class for developing
 drivers and our adolescent
 members.

Maximum speed



Restricted Class Mowers.

10 Restricted Class Mowers

10.1 Restricted class mowers have to comply with # General Rules and Regulations.

10.2 Restricted class mowers must also comply with horsepower and gearing restrictions as per Sections 9.23.1 and 2

10.3 Restricted class drivers are NOT permitted to race Higher class mowers.

10.4 Restricted class mowers must have a riveted plate fitted to ensure gear restrictions are not breached if required

10.5 Maximum speed permitted is 30kph. (A) and 35kph (B)

10.6 Seat may be lowered, but top of seat padding may NOT be lower than top of rear guards Mowers must still be clearly and easily recognised as mowers, and be neat, tidy and have good paint presentation.

10.7 Restricted class mowers can not have governor removed from motor

10.8 Restricted class mowers cannot have gearbox modifications.

** any existing non compliance of 10.7 or 10.8 as at 1/1/2018 are allowed until such time they are retired or replaced – at which time any changes would need to comply with these rules.



Standard Class
Advanced level driving.
An ideal class for
experienced drivers and
Adult members.

Maximum speed



Advanced Standard Class
Advanced level driving.
An ideal class for
experienced drivers and
Adult members preparing
for a higher-class transition

11. STANDARD CLASS. It is intended that Standard class mowers are basically that - standard, as supplied from manufacturer, with only safety modifications allowed - factory guards etc must be maintained. Any irregular modifications required or desired must be submitted to committee prior to commencement of work to ensure that alterations will not interfere with the integrity of the class - Which is an entry level mower

11.1. If it is not specified in these class rules, it is not permitted. All other requirements are listed under 'GENERAL MOWER REQUIREMENTS.

11.2 The limit for engines is 15hp and below and this must be verifiable by the original manufacturers Model Number and/or Engine Number. Should these details be not available, then the mower will only be qualified to compete in the super modified class of racing.

11.3 Carburettors must remain as standard supplied by manufacturer

11.4 Exhaust is free design, whilst still remaining at acceptable noise level

11.5 Standard safety equipment as specified for all other classes must be adhered to i.e. lanyard (of a length proportionate to driver and mower), auto return throttle etc

11.6 Driveline must be standard available ride-on mower equipment

11.7 The mower may be lowered, but must not be lower than 200mm from the ground, measured from the lowest part of the chassis, with all parts providing a minimum of 100mm clearance. Exhausts are to be mounted as high to the body as possible.

11.8 Seat may be lowered, but top of seat padding may NOT be lower than top of rear guards Mowers must still be clearly and easily recognised as mowers, and be neat, tidy and have good paint presentation.

11.9 The front cross member may be bolted to stop lateral movement. The castor and camber angle may be altered. To this end, fabrication of a new cross member and kingpin arrangement is allowed, within the tolerances. (See also 100 mm rule)

11.10 Where no running board is fitted as standard (i.e. Rover Rancher) a suitable running board to prevent feet from becoming entangled with wheels, must be fitted.



Modified Class
Advanced level driving.
An ideal class for
experienced members with
demonstrated track
capability.
Maximum 19 Horsepower

12.1 These mowers are as delivered from the factory except for the modifications listed below.

12.2 Engine must be originally manufactured for use in lawn mowing equipment and be stock in appearance, with the exception of air filter, air cleaner or velocity stack. (Ram tube.) Crankshaft must be in original orientation. Vertical crankshafts must pass through the original, unaltered crankshaft clearance hole in the frame. Engine may be internally modified. Maximum rating is 19 HP. ALL engine markings/casting numbers identifying engine size etc, MUST be retained and clearly visible & unchanged. Penalties may occur for infringement.

12.3 Exhaust design is open, but must terminate away from driver and competitors and present no apparent safety hazard, and be of approved noise level at scrutineer's discretion.

12.4 Starter must be onboard electric (NOT pull-rope.)

12.5 Driveline may be modified from the engine pulley to the rear wheels.

12.6 Rear axle may use open differential, locked, "live" or solid axle. No single wheel drive.

12.7 Rear axle should be secured in all areas to the minimum factory standard, but can also use shaft locks, centre bolts or through bolts to secure the rear wheels.

12.8 All steering linkages must use ball-type or spherical threaded rod ends.

12.9 Front axle and steering may be reinforced, substituted or fabricated. In the case of racer fabricated axles, these will be subject to the judgement of the Scrutineer as to their apparent safety for racing.

12.10 Front axle may be pinned, bolted or welded in stock position. No suspension and no shock absorbers permitted. Seats may have DISCREET shock absorbing capability. Axles must have an I-piece beam. Rubber bump stops may be used to dampen centre pivoted front axles.

12.11 Shaft locks, centre-drilled axle with locking bolts, castellated nuts with cotter pins, and washers with new cotter pins, are acceptable for securing front wheels. Cotter pins (except where fitted as factory standard and with rub washer), E-rings and Circlips alone, bent nails, hitch pins, over centre pins and quick-release pins are not sufficient for wheel retention and are not approved.

12.12 Wheels must be the same size on the rear axle, likewise front both front wheels must be the same, and of lawn mower origin, made of metal. No dual or tandem wheels.

12.13 Throttle and brake controls may be relocated.

12.14 Brakes may be improved in any way.

12.15 Standard lawn mower tyres must be used.

12.16 All parts should be of lawn mower origin with the exception of those specifically mentioned in these regulations.

12.17 The original Chassis, whether pressed or frame type, must not have outside dimensions altered. Wheel base must not be altered.

12.18 Seat may be lowered, to an optimum safe position, but must remain a mower seat . No Sinking of the seat to the chassis allowed, with a minimum height of 100mm above rear axle centre to be preserved.

Mowers must still be clearly and easily recognised as mowers, and be neat, tidy and have good paint presentation.



Super Modified Class
Advanced level driving.
A class for experienced
members with
demonstrated track
capability.
Maximum 250cc / 30HP

13 SUPER MODIFIED "All drivers wishing to drive SUPER MODIFIED mowers must have complied with Licence restrictions and accreditations.

13.2 "Super modified" means a ride on lawn mower, which has been altered from the manufacturer's specifications in any structural or mechanical aspect and has been fitted with a mower engine in excess of 19 HP or a motorcycle engine not exceeding 250cc capacity (refer 9:23.4). It must also comply with all the General Requirements. (See Section 9)

13.3 The minimum braking requirement for all modified mowers is that they shall be fitted with a braking mechanism such as hydraulic calipers applied to a braking disc which is securely affixed to the driving axle and which slows both wheels simultaneously.

13.4 Handlebars are not permitted.

13.5 Mowers shall not be fitted with suspension to the front or the rear wheels; however, springs under the seat as such are permissible. (see 12.10)

13.6 The maximum width of any mower shall be 1.2 metres at the widest point.

13.7 The installation of braces or other components to strengthen the original chassis or body is permitted

13.8 Modification of the original chassis is permitted where such modification may include the lengthening cutting or adapting of the chassis. Outer mud guards must be re-fitted, and the finished mower MUST retain and be clearly visible as a mower.

13.9 Where any portion of the chassis is replaced during the course of any modifications necessary, the same type and quality material shall be used

13.10 Any alterations repairs or replacements to the body or chassis of the mower are permitted provided the mower retains the appearance of and can be readily recognized as a ride on lawn mower.

13.11 Wheel rims on Super Modified Class Mowers shall be of steel or machined alloy only and be of a one piece or welded construction. No two-piece rims are permitted



Master Class
 An ideal class for older members with desire to participate for the 'Long Run'.
 Maximum



14 Master Class

14.1 The focus of master class is driver protection and flexibility

14.2 Master class generally consist of old Standard and modified mowers put out to pasture, however can be modified to provide a safe and comfortable posture/ride for driver.

14.3 Improvements to suspension on seat/body etc will be permitted under consent from committee to ensure that the club profile of racing mowers is upheld.

14.4 Motor and drive options are to be within Standard and Modified standards (Max 15hp)

14.5 A top speed of 40kmh is to be upheld through gearing or other restraint.

Please note that the Showmow and Good Sports policies and codes of conduct form part of the Rules and regulations of the club.

Copies of these forms and others are available on the ShowMow website www.showmowracing.com