



2024 OFFICIAL

RULE BOOK

Version 1.0



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1. ADMINISTRATION

1.1 ABOUT THIS BOOK

These rules are designed for the safe conduct of lawn mower racing in Australia and to establish acceptable requirements for such events.

While every effort to ensure that the rules herein are totally prescriptive, they are not exhaustive, and it is the responsibility of the participant to exercise due caution and sense at all associated events.

Moreover, these rules are only intended as a guide for the conduct of the sport and are in no way a guarantee against injury to the person or property of participants, spectators or others, nor are they a substitute for the due care which should be exercised by participants in any event.

Finally, all those involved in creating this book assume no liability for any injury or death or property damage, and all participants shall execute a release of liability discharging any person from such liability.

By entering and participating in events, all participants agree to abide by these Rules which may be amended from time to time.

Of paramount importance to all organisers, competitors, officials, spectators, and any other person whomsoever attends any event, shall be the safety of those persons.

These Rules should be read and interpreted with this in mind.


South Australian
Lawn Mower Racing
Association

1.2 VISION & MISSION STATEMENT

VISION STATEMENT

National rules for lawn mower racing in South Australia.

MISSION STATEMENT

To provide all its members with accessible, safe, and sustainable lawn mower racing throughout South Australia.



1.3 RACE PROCEDURES

1.3.1 ENTRY

The entry form, once made out, submitted and accepted by the Promoter, is a contract between the Promoter and the Entrant. Credentials must be current for the event. Competitors with expired licences or log books will not be permitted to compete at the event.

The organisers retain the right to limit the number of entries. 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. Unauthorised persons are not allowed onto the track or pit area at any time.

If a competitor does not pre-register for an event, they will start from the rear of the field in all races at that event.

1.3.2 SCRUTINEERING PROGRAM

Scrutineering will be conducted at all race meetings. When requested to present for scrutineering mowers must be presented in complete form, with all equipment and components required or used during qualifying or racing in place.

The right is reserved to amend scrutineering procedures as required.

1.3.3 CLASS COMPLIANCE

Notwithstanding the provisions of the scrutineering program, any mower may be checked for class compliance at any time during an event.

The onus of compliance with all relevant class regulations lies with the mower rider.

1.3.4 CONDUCT OF EVENTS

Each member and/or participant expressly agrees to familiarise themselves with all applicable rules and regulations prior to competing in an event conducted under an event Permit, and accepts that the act of entering an event shall constitute an agreement to be bound by all the rules and regulations covering the event.

The word “participant” shall include any person directly or indirectly associated with any mower lawfully upon the premises for the purpose of competition, including, but not limited to, owners, drivers and crew persons.

The onus to ensure that this requirement is met, and all associated responsibilities, lies with the relevant competitor.

1.3.5 INTERPRETATION OF RULES

Unless the Class regulation or the General regulations specifically state that a modification or optional equipment is required or permitted, it will not be allowed.

No express or implied warranty of safety shall result from publication or compliance with these rules and regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to spectators or participants.

If a member claims that there is any ambiguity in these regulations they shall present their claim in writing to their association’s technical delegate, who shall investigate the claim. No claim shall be presented during the running of an event.

Any claim proving a requirement for a change to the rules will be subject to a minimum 28 days of notice before the rule change comes into effect, unless the rule change is for an immediate safety measure.

1.3.6 EVENT HIERARCHY (ORDER OF AUTHORITY)

The following table is an order of authority (highest being number 1) when an event is underway.

Some roles have jurisdiction only to their relevant tasks and may not make judgements on non-related matters. If these situations arise then the next person in the hierarchy will take on the responsibility.

Order of Authority	Position
1	Clerk of Course
2	Race Control
3	Chief Steward
4	Association Steward
5	Association Scrutineer
6	Event Promoter

1.3.7 ACCIDENTS

All accidents or incidents involving bodily injury or race vehicle damage must be reported immediately to the Chief Steward or the Clerk of Course. The Chief Steward, or an appointed agent, must record details of all structural damage to the mower in the logbook and complete a detailed incident report.

1.4 COMPETITION REGULATIONS

1.4.1 RULES OF THE TRACK

The responsibility of a safe pass rests with the overtaking driver.

The following flag signals (where flags are used) will be followed without question:

GREEN (held steady) - prepare for race start

GREEN (waved) - the race is underway, or resume racing after yellow. There is no requirement for the Green flag to be continuously waved during a race once the race has been started/restarted.

GREEN and YELLOW – Retrieval vehicle (i.e Quad Bike) on track. Slow down to walking pace and do not overtake. Form up on the Grid for a re-start.

YELLOW - *CAUTION. SLOW DOWN TO WALKING PACE. DO NOT OVERTAKE.* 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.

RED - Danger. Stop racing immediately and clear the course as much as possible.

BLACK (rolled up) –displayed as a warning for a driving infringement. Continued infringement will result in an unrolled Black flag and disqualification.

BLACK (unrolled) - 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.

BLUE - (optional) - a quicker vehicle is close behind. Maintain your course and allow them to pass.

WHITE - 1 lap remaining. This flag may be replaced by a "Final Lap" board.

CHEQUERED - End of race

Before a retrieval vehicle (i.e. Quad Bike) is deployed on track, Green and Yellow Flags are shown at the same time by the marshals. Drivers are to slow down to walking pace, remain in their current positions, and line up on the grid for a restart once the track is cleared.

The race will be restarted from the last lap completed i.e If the person leading the race is on Lap 4 when the incident occurs, the race will be restarted from the start of Lap 4. The race will be restarted from a standard start on the grid as per event start procedure (i.e Starting Lights or Green Flag).

If a driver leaves the course they must re-enter the course as close as possible to the same point the mower left the marked course giving way to drivers currently on the track. The driver may not simply re-enter further down the course in order to gain an advantage.

If a mower 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.

The duration of a race (i.e. number of laps) will be advised to the drivers prior to commencement of the race.

Drivers must raise their hand when entering the pit lane from the track, or becoming a hazard on track, to warn other drivers/officials.

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. 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 a break down occurs on track a driver must remove themselves as quickly and as safely as possible from the track area.

There is to be no bumping or deliberate contact made between the mowers. It is the responsibility of the overtaking driver to make sure the overtake is made in a clean manner.

1.4.2 RULES OF THE PIT AND GRID

No person under the age of 16, unless competing, shall be permitted on the grid.

No mower may have more than one attendant on the grid in addition to the driver unless permission is granted by the Chief Steward.

Enclosed footwear is required to be worn by all crew members in the track and grid area.

During refuelling the engine must be turned off and the 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.

Mower must be completely stopped before the driver dismounts.

The speed limit in the pit area is walking pace and there is to be no breaking of traction.

Drugs and alcohol are not permitted. All participants and pit crews may be subject to drug and alcohol testing at the discretion of the Clerk of the Course.

1.4.3 GENERAL

There must be a solid barrier in place between the track and the spectator zone. The barrier must be able to stop a mower from entering the spectator area. Therefore, regardless of the length of run-off area, plastic mesh style bunting held in place with star droppers is not recommended.

It is recommended to use 8ft x 4ft x 3ft hay bales as a barrier between the track and spectator zone. The hay bales are to be placed on the ground so they are 8ft long, 4ft tall, and 3ft deep.

Pets / Animals are not permitted.

1.5 MOWER RACE FORMAT

Race format is at the discretion of the state association conducting the event.

1.6 INSURANCE

AASA (Australian Auto-Sport Alliance) is the insurer used and recommended. The insurance permit for the event will be organised by the state Lawn Mower Racing Association involved with the given event.

1.7 LICENCING

All participants aged 14 years and over will be required to complete a General Speed license via AASA (Australian Auto-sport Alliance) and provide a copy to SALMRA during scrutineering and prior to racing at any events.

CONTACT DETAILS:

South Australian Lawn Mower Racing Email:

contact@salmra.com.au

Website: www.salmra.com.au



2. COMPETITION REGULATIONS

2.1 PARTICIPANT ACKNOWLEDGMENT OF RISK

All competitors and pit crew are required to sign an AASA (Australian Auto-Sport Alliance) release and waiver of liability agreement prior to each event.

2.2 DRIVER ELIGIBILITY

2.2.1 AGE RESTRICTIONS

For Junior Classes, drivers must be a minimum of 8 years of age and a maximum of 17 years of age. Prior to competing in any event Junior Class drivers must be able to demonstrate to the Chief Steward adequate skill and control of the mower.

If a junior driver becomes eligible to go up into Senior Class (i.e turns 17) part way through a season they will be allowed to complete their season in Junior Class. Once they move into racing Senior Class, they are ineligible to return to Junior Class.

Races between junior and senior competitors is prohibited.

Senior Drivers must be 17 years of age to compete in the below classes:

Standard (ST)

Standard Mod (ST/M)

Super Modified C (SM/C)

Senior drivers must be over the age of 18 to compete in:

Super Modified B (SM/B)

Super Modified A (SM/A)

Outlaw Class drivers must be over the age of 18 and have demonstrated two seasons of racing in modified mower racing classes or be able to prove prior race experience in other forms of motorsport (CAMS, Speedway etc) to the committee to be eligible to participate in Outlaw class.

Driver eligibility for all classes may be re-assessed for individual cases at the committee's discretion.

2.2.2 General

All drivers must be financial members of their relevant state association. Day membership is available.

New drivers are required to start rear of field for all races at their first event. A new driver is classed as a driver who did not race in the previous season.

If a driver does not pre-register for an event, they will start every race for that event from the rear of the field.

Competitors must not start their mowers until after the Drivers briefing. A driver's briefing must be conducted at the start of every event and will be completed as early as practically possible.

It is preferred that a mower is not shared in the same class by multiple drivers throughout the day. If a driver has to change mowers or wishes to change the driver of their mower, they must first get approval from the Clerk of the Course.

2.3 DRIVERS SAFETY EQUIPMENT

2.3.1 Every driver **MUST** wear an automobile or motorcycle type helmet, with the minimum of AS1698 approval (sticker must be attached) with fastened chin straps at all times when operating a mower. Helmets must be in sound overall condition, and fit snugly.

Long hair must be tucked inside helmet/jacket at all times.

2.3.2 Open face helmets are not allowed.

2.3.3 If a visor is not fitted to the helmet, goggles are required. Visors must be closed / goggles must be worn at all times while on track.

2.3.4 Neck braces designed for motorsport use are compulsory for all classes of racing and must be worn as per manufacturers' recommendations. 360 devices or equivalent must be worn as per manufacturers' specifications. If a neck brace comes off or is loose during a race, then the driver shall be black flagged for faulty safety equipment and no points will be awarded.

2.3.5 Non-flammable long pants, long sleeved shirt or jacket, full finger gloves and leather over-the- ankle footwear as a minimum. Motorcycle leathers or anti-abrasion karting suit are highly recommended. No loose clothing (unbuttoned or untucked shirts etc.) will be permitted.

2.3.6 Drivers must have a fully charged appropriately rated fire extinguisher readily available adjacent to any fueling operation.

2.4 TECHNICAL INSPECTIONS

All mowers must undergo technical inspection prior to applying for a logbook and a minimum of 14 days prior to its first race meeting to give adequate time for administration.

2.4.1 LOG BOOKS

Logbooks must be presented during scrutineering and must remain with the mower through any transfer of ownership.

Any lost logbooks will be replaced for a fee determined by SALMRA.

3. CLASS REGULATIONS

2.1 Juniors



Class Description

Junior class was created for competitors between the ages of 8 and 17 inclusive, racing standard or custom made racing mowers in 3 categories/performance levels:

- Standard
- Standard Modified
- Super Modified "J" Class

Race Outside of Class – All Classes

Races between junior and senior competitors are prohibited.



Class Regulations

STANDARD J

STANDARD MODIFIED J

Standard Classes were created to cover ride on mowers which utilize a ride on lawn mower engines. Maximum 14HP for juniors.

- **Standard J Class**

For mowers that have not been altered from the manufacturer's specifications in any structural or mechanical aspect. They must be fitted with standard manufacturer motor and pulleys (you may be asked to verify mower specs with the committee at any time so please have manufacturer data available).

- **Standard Modified J Class**

For mowers which have been altered from the manufacturer's specifications and have been fitted with a motor originally designed for lawn mowers. Non-standard gear and pulley sizes allowed. Maximum 14HP power for junior classes

Body

The mower is to be recognised as a commercially available domestic ride on lawn mower.

Modifications to any body panels are not permitted.

In all classes the springs/suspension between the seat and bodywork can be removed allowing the seat to be directly bolted to the body.

Adding additional weight/ballast to Standard J(ST J) and Standard Modified J(ST/M J) class mowers is not allowed.

Brakes

Rear brakes only. No front brakes permitted.

Any class brakes may be modified, but must be modified to a standard which exceeds the operating ability of the original system

Drive line

ST J Class Must use original driveline set up and original gearing and pulley sizes.

ST/M J must use original driveline set up. Non-standard gearing and pulley sizes allowed.

Chain Guard

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

Chassis

All standard classes must use an original ride on mower chassis.

Strengthening allowed in all classes and must use 25x25mm SHS mild steel as a minimum.

Controls

Steering wheels permitted only. No handlebars allowed (unless a handlebar configuration was standard from factory).

Steering components may be upgraded or strengthened on the grounds of safety but must be submitted in writing to the committee for approval prior to construction in ST or ST/M Classes.

Crash Bars

ST and ST/M If fitted by the OEM then crash bars are permitted.

Engine

Must be the standard engine that was used on the mower from the OEM in Standard (ST) class. Standard (ST) class mowers with replacement mower engines of a larger size (shaft orientation must remain as per OEM) will go into the Standard Modified class, providing it complies with the other ST/M class rules.

Juniors competing on ST/M class mowers are limited to single cylinder 14hp engines.

OEM governor must remain fitted and operational in Standard J (ST J) class.

Governor may be bypassed or removed in Standard Modified J (ST/M J) Stock flywheel can be used in all classes provided there are no internal engine modifications. If the engine has any internal engine modifications a billet flywheel MUST be fitted.

Non-Standard Carburettor/s are only allowed in ST/M J

Hand throttle levers are to be hand operated only. Hand throttle levers cannot be used as pedals.

Exhaust

Standard Class (ST/J) must maintain original exhaust and cannot be modified.

Standard modified Junior (STM/J class), exhaust design is open, but must terminate away from driver and competitors and present no apparent safety hazard.

Ground Clearance

ST J or ST/M J Must not be altered.

Maximum Width

ST J and ST/M J Must not be altered from its original width.

Maximum Wheelbase

Wheel base in Standard J (ST J) and Standard Modified J (ST/M J) classes must remain as per original specifications.

Permissible Fuels

Any petroleum based fuel available from a domestic fuel station (Including E85). No LPG.

Suspension

Mowers shall not be fitted with suspension that acts upon the front or the rear wheels. Springs between the seat and the mower body are allowed.

Class Regulations

Super Modified J 125cc (8-17 years)

Super Modified J 200cc (12-17 years)

Super Modified J mowers are powered by motorcycle/quad bike motors sitting in a custom fabricated chassis. Class engine capacities apply.

Body

The mower is to be recognised as a commercially available domestic ride on lawn mower.

Brakes

Rear brakes only. No front brakes permitted.

Chain Guard

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

Chassis

Chassis rails must be constructed from a minimum of 50x25x2.5mm RHS (Mild Steel Only). Chassis rails must extend the full length of the chassis (between front and rear axle mounts) and must remain one continuous piece (cannot be cut and welded down any part of the chassis rail). Chassis must also have two cross members constructed from a minimum of 50x25x2.5mm RHS (Mild Steel Only).

Controls

Handle bars or steering wheels permitted. Handlebars must be plugged at both ends.

Crash bars

Crash bars are recommended. The front-most portion of the bar must not protrude any further than 80mm from the furthestmost extremities of the body. The crash bar must not protrude past the width of wheels. All crash bars must have rounded edges and must be of tube construction.

Engine

Engine, and all engine associated components (except the exhaust and cooling system), must remain stock.

Super Modified J 125cc

Competitors aged 8 to 17 years inclusive - Maximum capacity of 125cc, single cylinder, 4 stroke, motorcycle/quad bike engine. No go kart engines or 'track prepared' race bike engines allowed.

Super Modified J 200c

Competitors aged 12 to 17 years old inclusive - Maximum capacity of 200cc, single cylinder, 4 stroke, motorcycle/quad bike engine. No go kart engines or 'track prepared' race bike engines allowed.

Exhaust

Exhaust design is open, but must terminate away from driver and competitors and present no apparent safety hazard.

Maximum Width

The maximum width of any mower shall be 1000mm (1m) at the widest point (e.g. If an opened gate has a gap of 1m, you must be able to drive your mower through it.)

Permissible Fuels

Any petroleum based fuel available from a domestic fuel station (Including E85). LPG not allowed.

Suspension

Mowers shall not be fitted with suspension that acts upon the front or the rear wheels. Springs under the seat are permitted.



3.1 STANDARD (ST)



Class Description

Standard class was created to cover ride on mowers which utilise a ride on lawn mower engine.

ST (Standard)

For mowers that have not been altered from the manufacturer's specifications in any structural or mechanical aspect. They must be fitted with standard manufacturer motor and pulleys (you may be asked to verify mower specs with the committee at any time so please have manufacturer data available).

ST/M (Standard Modified)

For mowers which have been altered from the manufacturer's specifications and have been fitted with a motor originally designed for lawn mowers. Non-standard gear and pulley sizes allowed.

ST/U (Standard Ultimate)

For mowers that are highly modified but still utilise a ride on mower engine.

Class Regulations

ST (Standard)

For mowers that have not been altered from the manufacturer's specifications in any structural or mechanical aspect. They must be fitted with standard manufacturer motor and pulleys (you may be asked to verify mower specs with the committee at any time so please have manufacturer data available).

Body

The mower is to be recognised as a commercially available domestic ride on lawn mower.

Modifications to any body panels are not permitted

In all classes the springs/suspension between the seat and bodywork can be removed allowing the seat to be directly bolted to the body .

Adding additional weight/ballast to Standard (ST) class mowers is not allowed.

Brakes

Rear brakes only. No front brakes permitted.

Any class brakes may be modified, but must be modified to a standard which exceeds the operating ability of the original system.

Drive line

Must use original driveline set up and original gearing and pulley sizes.

Chain Guard

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

Chassis

All standard classes must use an original ride on mower chassis.

Strengthening allowed in all classes and must use 25x25mm SHS mild steel as a minimum.

Controls

Steering wheels permitted only. No handle bars allowed (unless a handlebar configuration was standard from factory).

Steering components may be upgraded or strengthened on the grounds of safety but must be submitted in writing to the committee for approval prior to construction in ST or ST/M Classes.

Crash Bars

If fitted by the OEM then crash bars are permitted.

Engine

Must be the standard engine that was used on the mower from the OEM. Standard (ST) class mowers with replacement mower engines of a larger size (shaft orientation must remain as per OEM) will go into the Standard Modified class. providing it complies with the other ST/M class rules.

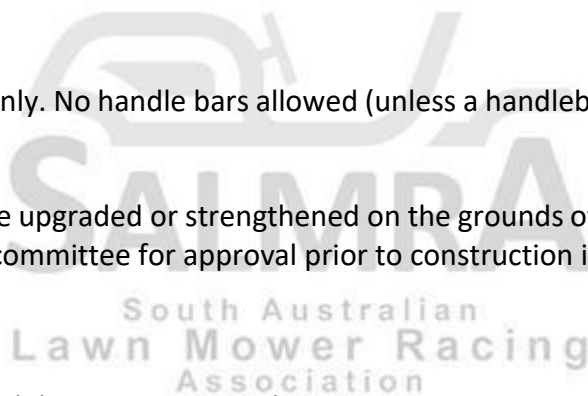
OEM governor must remain fitted and operational in Standard (ST) class.

Non-Standard Carburetor/s are not permitted.

Hand throttle levers are to be hand operated only. Hand throttle levers cannot be used as pedals.

Exhaust

Modifications to exhaust are not permitted in Standard (ST) class.

Ground Clearance

ST Class Must not be altered.

Maximum Width

ST Class Must not be altered from its original width.

Maximum Wheelbase

Wheelbase in Standard (ST) class must remain as per original specifications.

Permissible Fuels

Any petroleum based fuel available from a domestic fuel station (Including E85). No LPG.

Suspension

Mowers shall not be fitted with suspension that acts upon the front or the rear wheels. Springs between the seat and the mower body are allowed.



Class Regulations

ST/M (Standard Modified)

For mowers which have been altered from the manufacturer's specifications and have been fitted with a motor originally designed for lawn mowers. Non-standard gear and pulley sizes allowed.

Body

The mower is to be recognised as a commercially available domestic ride on lawn mower.

Modifications to any body panels are not permitted.

In all classes the springs/suspension between the seat and bodywork can be removed allowing the seat to be directly bolted to the body.

Adding additional weight/ballast to Standard Modified (ST/M) class mowers is not allowed

Brakes

Rear brakes only. No front brakes permitted.

Any class brakes may be modified but must be modified to a standard which exceeds the operating ability of the original system.

Drive line

ST/M Must use original driveline set up. Non-standard gearing and pulley sizes allowed.

Chain Guard

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

Chassis

All standard classes must use an original ride on mower chassis. Strengthening allowed in all classes and must use 25x25mm SHS mild steel as a minimum.

Controls

Steering wheels permitted only. No handle bars allowed (unless a handlebar configuration was standard from factory).

Steering components may be upgraded or strengthened on the grounds of safety but must be submitted in writing to the committee for approval prior to construction in ST/M Classes.

Crash Bars

If fitted by the OEM then crash bars are permitted.

Engine

Must be the standard engine style that was used on the mower from the OEM. May be replaced with mower engine of a larger size (shaft orientation must remain as per OEM)

Governor may be bypassed or removed in Standard Modified (ST/M).

Stock flywheel can be used in all classes provided there are no internal engine modifications. If the engine has any internal engine modifications a billet flywheel MUST be fitted.

Non-Standard Carburetor/s are allowed in ST/M

Hand throttle levers are to be hand operated only. Hand throttle levers cannot be used as pedals.

Exhaust

Exhaust design is open, but must terminate away from driver and competitors and present no apparent safety hazard.

Ground Clearance

ST/M Must not be altered.

Maximum Width

ST/M Must not be altered from its original width.

Maximum Wheelbase

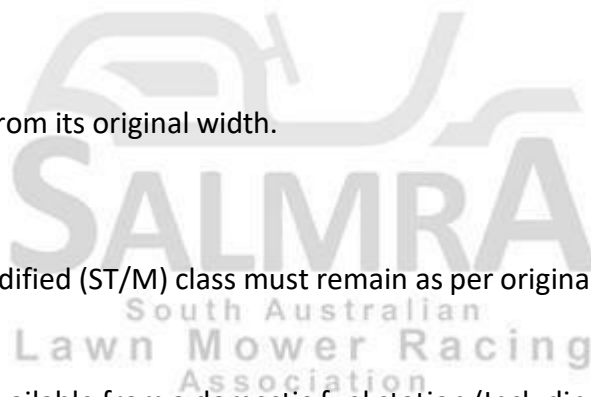
Wheel base in Standard Modified (ST/M) class must remain as per original specifications.

Permissible Fuels

Any petroleum based fuel available from a domestic fuel station (Including E85). No LPG.

Suspension

Mowers shall not be fitted with suspension that acts upon the front or the rear wheels. Springs between the seat and the mower body are allowed.



Class Regulations

Standard Ultimate (ST/U)

For mowers that are highly modified but still utilise a ride on mower engine.

Body

The mower is to be recognised as a commercially available domestic ride on lawn mower.

Modifications to any body panels are permitted although original manufactured type materials must be used i.e. Mild steel must be replaced with mild steel, plastic must be replaced with plastic. The exclusion is the bonnet.

The springs/suspension between the seat and bodywork can be removed allowing the seat to be directly bolted to the body.

Brakes

Rear brakes only. No front brakes permitted.

Any class brakes may be modified, but must be modified to a standard which exceeds the operating ability of the original system.

Drive line

Driveline construction is open.

Chain Guard

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

Chassis

All standard classes must use an original ride on mower chassis.

Strengthening allowed in all classes and must use 25x25mm SHS mild steel as a minimum.

Chassis' can be remanufactured if in poor condition. Chassis rails must be constructed from a minimum of 50x25x2.5mm RHS (Mild Steel Only). Chassis rails must extend the full length of the chassis (between front and rear axle mounts) and must remain one continuous piece (cannot be cut and welded down any part of the chassis rail). Chassis must also have two cross members constructed from a minimum of 50x25x2.5mm RHS (Mild Steel Only).

Controls

Steering wheels permitted only. No handlebars allowed (unless a handlebar configuration was standard from factory).

Steering components may be upgraded or strengthened on the grounds of safety

Crash Bars

Crash bars are recommended. The front-most portion of the bar must not protrude any further than 80mm from the furthestmost extremities of the body. The crash bar must not protrude past the width of wheels. All crash bars must have rounded edges and must be of tube construction.

Engine

Any size motor allowed in ST/U class but must be a vertical shaft type mower engine.

Governor may be bypassed or removed.

Stock flywheel can be used in all classes provided there are no internal engine modifications. If the engine has any internal engine modifications a billet flywheel **MUST** be fitted.

Non-Standard Carburetor/s are allowed.

Hand throttle levers are to be hand operated only. Hand throttle levers cannot be used as pedals.

Exhaust

Exhaust design is open but must terminate away from driver and competitors and present no apparent safety hazard.

Ground Clearance

No minimum ride height, however, the base of the seat must be higher than the top of the chassis rails.

Maximum Width

Maximum width is 1000mm (1m) at its widest point (e.g. If an opened gate has a gap of 1m, you must be able to drive your mower through it.)

Maximum Wheelbase

The wheelbase in Standard Ultimate (ST/U) Class must be within +/- 10% of its original wheelbase.

Permissible Fuels

Any petroleum based fuel available from a domestic fuel station (Including E85). No LPG.

Suspension

Mowers shall not be fitted with suspension that acts upon the front or the rear wheels. Springs between the seat and the mower body are allowed.

3.3 SUPER MODIFIED (SM)



Class Description

Super Modified mowers are powered by motorcycle/quad bike or electric motors sitting in a custom fabricated chassis.

SM/C

Refers to a ride on lawn mower which has been altered from the manufacturer's specifications and has been fitted with a motor size up to 200cc. or electric motor equivalent Max 14kw at peak or as determined by SALMRA.

SM/B

Refers to a ride on lawn mower which has been altered from the manufacturer's specifications and has been fitted with a motor size between 201 - 250cc or electric motor equivalent Max 25kw at peak or as determined by SALMRA.

SM/A

Refers to a ride on lawn mower which has been altered from the manufacturer's specifications and has been fitted with a motor size between 251cc - 450cc. or electric motor equivalent as determined by SALMRA.

SM/O – (Outlaw) Exhibition only

Refers to a ride on lawn mower which has been altered from the manufacturer's specifications and has been fitted with any type of motor with a size greater than 450cc. Naturally aspirated or forced induction engines are allowed.

Class Regulations

Super Modified

(SM/C) up to 200cc or Electric Max 14kw at peak

(SM/B) 201 - 250cc or Electric max 25kw at peak

(SM/A) 251 - 400cc or Electric equivalent as approved by SALMRA

Super Modified mowers are powered by motorcycle/quad bike or electric motors sitting in a custom fabricated chassis. Class engine capacities limits apply.

Body

The mower is to be recognised as a commercially available domestic ride on lawn mower.

Brakes

Rear brakes only.

Chain Guard

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

Chassis

Chassis rails must be constructed from a minimum of 50x25x2.5mm RHS (Mild Steel Only).

Chassis rails must extend the full length of the chassis (between front and rear axle mounts) and must remain one continuous piece (cannot be cut and welded down any part of the chassis rail).

Chassis must also have two cross members constructed from a minimum of 50x25x2.5mm RHS (Mild Steel Only).

Controls

Controls can be of handlebar or steering wheel configuration. Handlebars must be plugged at both ends.

Crash Bars

Crash bars are recommended. The front-most portion of the bar must not protrude any further than 80mm from the furthest extremities of the body. The crash bar must not protrude past the width of wheels. All crash bars must have rounded edges and must be of tube construction.

Engine

Must be from a commercially available motorcycle/quad bike. Electric motors as per Wattage and KW capacities set for each class and at SALMRA's discretion. No go kart engines or 'track prepared' race bike engines allowed.

Engine must remain stock. The only engine modifications allowed are:

- Carburetor Jetting
- ECU Mapping

Fuel delivery system must remain as it was from the factory (i.e cannot change carburettor to fuel injection and vice versa).

Any further engine modification requests must be made in writing to the relevant state association. Approved requests will be posted on the relevant state's association website.

If unsure, please contact your local association. Engine must be mounted forward of the driver.

Exhaust

Exhaust design is open but must terminate away from driver and competitors and present no apparent safety hazard.

Ground Clearance

No minimum ride height, however, the base of the seat must be higher than the top of the chassis rails.

Maximum Width

The maximum width for SM / A, B, and C Class shall be 1000mm at the widest point. (e.g. If an opened gate has a gap of 1m, you must be able to drive your mower through it.)

Permissible Fuels

Any petroleum based fuel available from a domestic fuel station (Including E85). LPG not allowed.

Suspension

Mowers shall not be fitted with suspension that acts upon the front or the rear wheels. Springs between the seat and the mower body are allowed.

Class Regulations

SM/O – (Outlaw) Exhibition only

Refers to a ride on lawn mower which has been altered from the manufacturer's specifications and has been fitted with any type of motor with a size greater than 450cc or electric equivalent at SALMRA's discretion. Naturally aspirated or forced induction engines are allowed.

Body

The mower is to be recognised as a commercially available domestic ride on lawn mower.

Brakes

Front brakes permitted.

Chain Guard

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

Chassis

minimum standard of RHS mild steel with minimum dimensions of 50mm x 25mm x 2.5mm.

Controls

Handlebars are not allowed. Steering wheel cannot be of 'open design'. Closed steering wheels only.

Crash Bars

Crash bars are recommended. The front-most portion of the bar must not protrude any further than 80mm from the furthestmost extremities of the body. The crash bar must not protrude past the width of wheels. All crash bars must have rounded edges and must be of tube construction.

Engine

There are no restrictions to engine or engine modifications.

Exhaust

Exhaust design is open, but must terminate away from driver and competitors and present no apparent safety hazard.

Ground Clearance

No minimum ride height, however the base of the seat must be higher than the top of the chassis rails.

Maximum Width

Maximum width for SM/O Class is 1200mm.

Permissible Fuels

Any petroleum-based fuel available from a domestic fuel station (Including E85). LPG not allowed.

Suspension

Suspension allowed.



4. GENERAL MOWER REQUIREMENTS

NOTE – THESE GENERAL REQUIREMENTS APPLY TO ALL RACING CLASSES.

4.1. Cutting Decks

Cutting decks must be removed completely from all mowers.

4.2. Kill Switch

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

4.2.1 The kill switch MUST be the commercially available “lanyard” type with a tether mechanically connecting the driver and the mower or in the case of Standard (ST) class a pressure operated seat switch will be acceptable if it is part of the OEM safety equipment on the mower.

4.2.2 The lanyard is to be of a length proportionate to driver and mower to ensure effective operation should an incident occur.

4.2.3 Velcro is NOT to be used to attach the tether directly to the driver or the mower. Wrist bands with Velcro are acceptable.

4.2.4 Homemade switches are not allowed.

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

4.3 Red dust light

All mowers must have a red dust light fitted to the rear of the mower and should be operational with the ignition on. A mower without its own battery/charging system should use a battery powered bright red light. All light systems should be of a non-novelty design and be fit for purpose.

4.4. Head Lights

If racing at night events, working headlights must be fitted. Glass headlights not permitted.

4.5. Projections

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 side-wall.

4.6. General Safety

Mowers must be safe and complete: all parts and panels in place, with no missing bolts, nuts or cotter pins etc. All bonnets must be fitted with securing devices to prevent opening during racing.

4.7. Charge Terminals

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.

4.8. Glass

Glass headlights must be removed.

4.9 Tyres

Only the following types of tyres are allowed:

Fronts:

- Kenda K290 Scorpion tyre (Front Only)
- Any commercially available ride on lawn mower Turf Tyre.

Rears:

- Any commercially available ride on lawn mower Turf Tyre only on rear.
(Kenda Scorpion style tyres are not permitted on rear as of 2024 season.)

Tyres must remain as they left the factory. No modifications to the tread pattern allowed. E.g. tyre Softener, tyre re-grooving, etc.

Front tyres must have tubes. If tubes are not fitted, bead locks must be installed in the front rims.

If you have any questions, please contact your local association prior to purchasing tyres.

4.10 Wheel Rims

Wheel rims shall be of steel or alloy only. They must be of one-piece construction.
No split or bolted rims permitted.

4.11 Footrest

Footrests are to have a non-slip surface.

4.12 Seats

Go kart seats, motorbike or quad bike style seats, are not allowed.

The seat must be of a type which allows the driver to be ejected from the mower in the event of a roll over.

4.13 Seating Position

Pedals/footrests must be mounted forward of the driver. A driver cannot have their feet positioned behind the knee and sit over the mower like riding a quad bike / motorbike.

4.14 Tow Eyelet

All mowers must be fitted with a yellow eyelet (tow hook) at the front of the mower and it must be attached to the chassis. Tow hook must not protrude from the front of the mower causing a hazard in the event of an accident.

4.15 Racing Number

Must be a minimum of 100mm in height and must be clearly visible from both sides and from the rear of the mower.

Numbers 1, 2, and 3 are reserved in each class for use by the drivers in that class who finished in those positions in the previous year's championship.

4.16 Seat Belts

Seat belts are not permitted.

4.17 The right to reject any mower

The right is reserved to reject at any time any mower which in their opinion represents an attempt to defeat the spirit of these rules, even though such mower complies with the letter in these rules.



5. PENALTIES

5.1 Penalty System

The following offences fall under the step penalty system:

- Entering the track without appropriate safety gear: No lanyard, helmet, eye protection, gloves etc.
- Unsafe driving – as determined by the Clerk of the Course / Chief Steward / Association committee.
- Deliberately ignoring flags.

Step 1: Official warning & loss of points for the race in which the offence occurred.

Step 2: Loss of points for the entire race meet and exclusion from racing for the remainder of the event.

The following offences will result in race points being void and immediate ejection from the event:

- Driver under the influence of alcohol or drugs.
- Consumption of alcohol or drugs in the pits.
- Verbal abuse or aggressive behaviour toward any person present at the event.
- Physical abuse directed towards any person at the event.

5.2 Complaints & Appeals

Complaints - At an event, any complaints must be directed to the Chief Steward as soon as possible on the day, and prior to presentations taking place. No actions will be taken after this time.

Appeals - If participants are unsatisfied with a decision, they must see the relevant association committee member before the end of the day. The committee member will then make contact with the Chief Steward to discuss the issue.