



21

TRACK

21.1 PROTECTIVE CLOTHING - TRACK MACHINES

21.1.0.1 No competitor may practice, start or compete on a Track machine in any Track competition unless wearing the following protective equipment and clothing:

21.1.1 Helmet

21.1.1.1 An approved and correctly fitting helmet which must:

- a) Carry the Standards Association of Australia "AS 1698" label, or
- b) Be approved under Rule 01.69 & 01.70 of the Road Racing FIM Technical Rules [see Appendix 1].

21.1.2 Clothing

21.1.2.1 A 1-piece suit or jacket and trousers constructed of leather or other material of similar or greater durability which meets FIM requirements in Art 65.07 and 65.08,

21.1.2.2 Where jackets or 1-piece suits are fitted with front opening slide fasteners, a safety strap must be fitted and secured at the neck,

21.1.2.3 In the case of jackets and trousers, provision must be made to attach the rear of the jacket securely to the trousers,

21.1.2.4 The following areas must be padded with at least a double layer of leather or enclosed plastic foam at least 8mm thick at the:

- a) Shoulders,
- b) Elbows,
- c) Both sides of torso and hip joint, and
- d) Knees.

21.1.2.5 A commercially manufactured back protector, which continuously covers the

back area between the collar line and the base of the spine.

21.1.3 Footwear

21.1.3.1 Boots with ankle and calf protection which must be:

- a) Constructed of leather or other material of similar or greater durability but must not be constructed of rubber,
- b) At least overlap the suit or trousers when the rider is in the normal riding position, and
- c) For solo track slider competitors, in the case of the left foot, have a steel skid and be made with a curved front extending at least 50mm over the toe of the boot.

21.1.4 Gloves

21.1.4.1 Gloves of non-split leather or other material of similar or greater durability and having the following properties:

- a) A minimum thickness of 1.5mm,
- b) Be fire retardant,
- c) Be resistant to abrasion,
- d) Have perspiration absorbing qualities,
- e) Be medically non-toxic and non-allergenic.

21.1.5 Goggles and Visors

21.1.5.1 Eye protection, including spectacles, protective goggles, helmet visors and/or 'tear-offs' must be worn provided:

- a) Eye protectors and spectacles are made of non-shattering material,
- b) Eye protectors which cause visual disturbance are not to be used,
- c) Visors are an integral part of the

- helmet,
- d) Metal or perspex face shields are not used,
- e) Eye shades or peaks are of a flexible material.
- 21.1.5.2 Visors mounted on the helmet or peak may not be used unless:
- a) The visor is made of a flexible material that will not shatter on impact,
- b) Any rivets or screws used to mount the mechanism are fitted with their heads flush with the inner or lower surface, provided that where flush finishing is impractical on a peak, round headed screws or pop rivets projecting no more than 3mm from the surface may be used.
- 21.1.6 Hair and Jewellery**
- 21.1.6.1 Hair longer than shoulder length must be confined in the helmet or jersey,
- 21.1.6.2 Body jewellery is to be removed or securely covered with tape prior to competition.
- 21.2 PROTECTIVE CLOTHING - MOTOCROSS OR ENDURO MACHINES**
- 21.2.0.1 No competitor may practice, start or compete on any Motocross or Enduro type machine in any Track competition unless wearing the following protective equipment and clothing:
- 21.2.1 Helmet**
- 21.2.1.1 An approved and correctly fitting helmet which must:
- a) Carry the Standards Association of Australia "AS 1698" label, or
- b) Be approved under Rule 01.69 & 01.70 of the Road Racing FIM Technical Rules [see Appendix 1].
- 21.2.2 Clothing**
- 21.2.2.1 Trousers of leather or synthetic material of similar durability,
- 21.2.2.2 Trousers of other than leather must be non-combustible and be fitted with a lining,
- 21.2.2.3 A jersey which must be:
- a) Made of close knit fabric of natural or synthetic fibre, and
- b) Must be a snug fit and provide protection against abrasion to the
- body and arms.
- 21.2.2.4 Commercially manufactured armour which protects the elbows, shoulders and the back or a leather or similar jacket with in-built back protection or a jacket and commercially manufactured back protector,
- 21.2.2.5 A commercially manufactured back protector, which continuously covers the back area between the collar line and the base of the spine if wearing leathers, or a full kevlar suit.
- 21.2.2.6 In the case of competitors wearing apparel as described in 21.1.2.1 and 21.1.2.2 and 21.1.2.3:
- a) Commercially manufactured armour which protects the elbows, shoulders and the back,
- b) Protection of the back must be continuous and cover all of the back area between the collar and the base of the spine.
- 21.2.3 Footwear**
- 21.2.3.1 Boots which must be:
- a) Of recognised Motocross type,
- b) Constructed of leather, plastic or other similarly durable material, and
- c) Be of a length that must at least overlap the trousers with the rider in a racing position on the machine.
- 21.2.4 Gloves**
- 21.2.4.1 Gloves of leather or other material of similar or greater durability.
- 21.2.5 Goggles and Visors**
- 21.2.5.1 Spectacles, protective goggles, helmet visors and "tear-offs" may be worn provided:
- a) Eye protectors and spectacles are made of non-shattering material,
- b) Eye protectors which cause visual disturbance are not to be used,
- c) Visors are an integral part of the helmet,
- d) Metal or perspex face shields are not used,
- e) Eye shades or peaks are of a flexible material.
- 21.2.5.2 Visors mounted on the helmet or peak may not be used unless:
- a) The visor is made of a flexible material that will not shatter on

impact,

- b) Any rivets or screws used to mount the mechanism are fitted with their heads flush with the inner or lower surface, provided that where flush finishing is impractical on a peak, round headed screws or pop rivets projecting no more than 3mm from the surface may be used.

21.2.6 Hair and Jewellery

- 21.2.6.1 Hair longer than shoulder length must be confined in the helmet or jacket.
- 21.2.6.2 Body jewellery is to be removed or securely covered with tape prior to competition.

21.2.7 Footwear in pits

- 21.2.7.1 Closed footwear must be worn in the pit area at all times.

21.3 FRAMES AND PARTS - TRACK

- 21.3.0.1 Brakes must not be fitted to track slider type machines of 500cc. Motocross type machines must be fitted with at least 1 effective brake.
- 21.3.0.2 Rear suspension and swingarm must be fitted.
- 21.3.0.3 Must have a minimum of 2 gears.
- 21.3.0.4 Minimum weight of 85 kg.
- 21.3.0.5 For long track only, the rear wheel rim must have a maximum width of 100 mm, be 19" or 22" in diameter, as defined in the SR.
- 21.3.0.6 If hand protectors are used, they must be of a shatterproof material.

21.3.1 Sidecar

- 21.3.1.1 The wheel track must be between 635mm and 1,000mm measured between the longitudinal centres of the rear and sidecar wheels.
- 21.3.1.2 The ground clearance must be at least 75mm unladen.
- 21.3.1.3 The stagger at the top of the sidecar wheel must be:
- Inwards, no more than 300mm.
 - Outwards, nil.
- 21.3.1.4 The dimensions of the sidecar baseboard in plan view, taken from a line drawn no further rearwards than the lowest point of the front down tubes to the forward-most point of the sidecar wheel tyre and terminating no

further rearwards than a line drawn at right angles to the machine from the rearmost point of the rear tyre, must be:

- At least 760mm long adjacent to the sidecar wheel,
 - At least 300mm wide, having at least 25mm radius to all corners.
- 21.3.1.5 All edges of the sidecar floor, not otherwise protected, must be protected by a nose cone or a rail of at least 50mm height.
- 21.3.1.6 There must be no more than 50mm between the baseboard and motorcycle and the baseboard and sidecar wheel. The baseboard must be arranged so as not to allow the passenger's feet to be trapped.
- 21.3.1.7 The drive must be transmitted to the track through the rear wheel of the motorcycle.
- 21.3.1.8 Safety chains must be fitted to all machines equipped with girder type front forks.
- 21.3.1.9 A passenger must be carried in a suitably constructed sidecar.
- 21.3.1.10 The sidecar must be attached to the left hand side of the motorcycle.
- 21.3.1.11 There must be no less than 4 sidecar mounting points.
- 21.3.1.12 Stirrup fittings for the passenger's feet are not permitted.
- 21.3.1.13 Handholds:
- Must be finished with a loop of at least 100mm,
 - Must not project beyond a line taken with the outer edge of the sidecar mudguard or bodywork,
 - Adjacent to the nose section of the sidecar and less than 200mm from the track surface must be at a minimum angle of 45° from the horizontal.
- 21.3.1.14 A suitable passenger handhold must be provided on the off-side of the rear wheel.
- 21.3.1.15 The rear end of the rear wheel mudguard must terminate not more than 45° above a horizontal line drawn through the rear wheel axle and be valanced to baseboard level on the inside and to axle level on the outside, with the suspension depressed.

- 21.3.1.16 The sidecar mudguard, if fitted, must cover at least 180° of the periphery of the wheel and be valenced to baseboard level on both sides.
- 21.3.1.17 A sidecar wheel disc may be fitted instead of a sidecar mudguard.
- 21.3.1.18 The rear wheel sprocket must have an approved guard, being either:
- A fully enclosed steel chain guard, or
 - If a plastic or part open chain guard is used, a steel bolt of not less than 10mm minimum diameter placed outside the bottom rear quadrant of the clutch sprocket. This bolt, if damaged, must be replaced.
- 21.3.1.19 Where Harley-type forks are used, an approved bolt must be fitted to lock the triple clamp.
- 21.3.1.20 There must be a kill switch which must:
- Cut out the ignition,
 - Operate on the primary circuit,
 - Be fitted with a lanyard which must:
 - Have a total extended length not exceeding 500mm,
 - Be attached around the rider's right wrist when the machine is in motion,
 - Not be secured to the handlebar unless by a readily torn material.

21.4 ENGINES - TRACK

21.4.1 General

- 21.4.1.1 Noise emissions must not exceed 98dB(A) when measured as per GCR 12.10

21.4.2 Classes & Capacities

CLASS	CAPACITY
125cc Solo	Up to 125cc
250cc Solo	Over 125cc to 250cc
500cc MX Frame Solo	Over 250cc to 500cc
500cc Slider Frame Solo	Over 250cc to 500cc
450cc 4 stroke MX Frame Solo	Over 250cc to 450cc

Over 450cc 4 stroke MX Frame Solo	Over 450cc
Women's Senior	Unlimited
1100cc Sidecar	Up to 1100cc
TRACK	
Classes	Capacities
Pro Lites*	100cc to 150cc 2-Stroke & 200cc to 250cc 4-Stroke, MX Frame
Pro Open	250cc 2-Stroke & 450cc 4-Stroke, MX Frame
250 Slider	Up to 250cc
MX Open	500cc 2 Stroke & Over 460cc 4-Stroke, MX Frame
500cc Long Track Slider	500cc 4-Stroke Slider
Women's Open	Unlimited Capacity, MX Frame
1100cc Dirt Track Sidecar	Up to 1100cc Dirt Track Sidecar
1100cc Long Track Sidecar	Up to 1100cc Long Track Sidecar
Quads Pro Open	450cc 4 Stroke, OEM Frame
Quads Unlimited	Unlimited Capacity, OEM Frame
* Sliders eligible until 1/1/2011	

- 21.4.2.1 Riders are eligible to enter one class above capacity of the machine entered for **Senior riders only**, excluding the ~~Over 450cc 4 stroke and 500cc 2 stroke.~~

21.4.3 Sidecar

- 21.4.3.1 For a machine competing in any event, the engine must comply as follows:
- The engine capacity must not exceed 1,100cc,
 - Supercharged and turbocharged engines must not exceed 500cc,
 - On liquid cooled engines, an overflow pipe must be used to direct any overflow of coolant away from the rider and passenger.

21.5 FUEL - TRACK

- 21.5.0.1 Fuel must be:
- Be unleaded, and
 - Be no more than 100 RON; and
 - Contain no additives other than those added at the point of

manufacture except for:

- (i) Lubricating oil for 2-stroke engines
- (ii) Upper cylinder lubricant for 4-stroke engines

- d) Be readily available from retail petrol pumps within Australia; or
- e) Be a brand of fuel homologated by MA that is compatible with the "Fuel Quality Standards Act 2000".

21.5.0.2 For Senior and Classic competition the following fuels are permitted:

- a) Commercially available Methanol, or
- b) Unleaded fuel which complies with GCR 20.5

21.5.0.3 Environmental Protection - A protective matting or catch tray must be placed underneath the engine/gearbox and fuel tank of any solo or sidecar while parked in the pit, paddock or work area.

21.6 TRACK - JUNIOR

21.6.0.1 50cc machines are to comply with GCR 12.17.

21.6.0.2 Motocross knobby tyres on the rear of any machine over 85cc are not allowed.

21.6.0.3 The capacity classes for junior machines are:

65cc MX frame	7-U 9 YRS, 9-U 13 YRS
85cc 2-Stroke & 150cc 4-Stroke, Standard Wheel, OEM MX frame	9-U11 YRS
85cc 2-Stroke & 150cc 4-Stroke, Standard & Big Wheel, OEM MX frame	11-U13 YRS, 13-U16 YRS
85cc 2-Stroke & 150cc 4-Stroke, Standard & Big Wheel, OEM MX frame, Junior Girls	11-U16 YRS
85cc 2-Stroke & 150cc 4-Stroke, Slider	13-U 16 YRS
80cc 4-Stroke Modified, OEM frame	7-U10 YRS, 10-U14 YRS
100cc 2-Stroke to 150cc 2-Stroke, MX frame	13-U 16 YRS
100cc to 150cc 2-Stroke & 200cc to 250cc 4-Stroke, MX frame, Junior Girls	13-U 16 YRS
100cc to 150cc 2-Stroke & 200cc to 250cc 4-Stroke, Slider (separate from 01/01/2011)	13-U 16 YRS
200cc to 250cc 4-Stroke, MX frame	13-U 16 YRS

21.7 CLASSIC TRACK

21.7.0.1 Engines must have been manufactured before 31st December 1976.

21.7.0.2 Competitors must be aged at least 30 years at the date of the competition.

21.7.1 Frame and Parts - Classic Track

21.7.1.1 The frame:

- a) Must have conventional swingarm rear suspension with twin shock absorbers,
- b) Must have a front wheel diameter of 23" (594mm),
- c) Must have a rear wheel diameter of 19" (482mm) or 22" (560mm), as specified in the SR,
- d) Must have rear tyres with a maximum tread pattern depth of 8mm,
- e) Must not be fitted leading-link front forks.

21.7.2 Engine Specifications - Classic Track

21.7.2.1 The engine must be:

- a) Single cylinder,
- b) 2 valve, push rod operated,
- c) Single spark plug,
- d) Of a maximum capacity of 500cc with a 2% tolerance,
- e) Vertical in the chassis,
- f) Fitted with a round slide carburettor of 38mm maximum bore,
- g) Must not be fitted with a centre port cross flow cylinder head.

21.7.3 Gearbox - Classic Track

21.7.3.1 The gearbox must have at least 2 gears.

21.8 COMPETITION RULES - TRACK

21.8.1 Starts

21.8.1.1 All starts, other than handicap starts will be single row.

21.8.1.2 Grid positions will be pre-drawn and listed in the program for heats and/or rounds.

21.8.1.3 Riders choice for grid positions in the finals will apply, top scorer has first choice down through points score.

21.8.1.4 If electronic timing is used; qualifying time will determine the choice of grid position

for the first heat only, the grid positions thereafter will be determined by finishing position in the previous race.

21.8.1.5 The first competitor who touches the tapes after the displaying of the green light and before the tapes are raised will be excluded and the event will be re-started.

21.8.1.6 Unless otherwise determined in the SR's all Competitors must be called to the start line at least 2 minutes before each start.

21.8.2 Flags and Signals

21.8.2.1 The dimensions of flags must be 600mm x 600mm.

- a) All control lights:
 - i) Must be visible to all competitors,
 - ii) May only be operated by the Steward or the Steward's nominee.
- b) In addition to, or substitution for the flags and lights applicable to other disciplines GCR , the following signals apply:
 - i) Start - National flag,
 - ii) Race stoppage- Red flag or red light,
 - iii) Immediate danger, slow- Yellow flag waved or yellow light,
 - iv) Course clear- Green flag held stationary.

21.8.3 Stewards - Track

21.8.3.1 A minimum of 1 Steward is required at all meetings in Track.

21.9 AUSTRALIAN JUNIOR TRACK CHAMPIONSHIPS

21.9.1 Solo Format for more than 12 entries per class

- 21.9.1.1 The Championship comprises:
- a) 4 rounds of qualifying heats.
 - b) 3 rounds of final heats.

21.9.2 Solo Format for 12 or less entries per class

- 21.9.2.1 The Championship comprises 7 races.
- 21.9.2.2 Points accumulated by each competitor in the 7 races will determine Championship placings.

21.9.3 Heats and Final

21.9.3.1 The number of heat positions must not exceed 12.

21.9.3.2 The right to compete in the finals will be filled by the 12 competitors accumulating the highest number of points during the course of heats.

21.9.3.3 Points accumulated by each competitor in the 3 finals will determine Championship placings.

21.9.3.4 For single row starts, starting positions will be determined by ballot.

21.9.4 Sidecar Format where there are more than 6 entries per class

- 21.9.4.1 The championship comprises:
- a) 4 rounds of qualifying heats,
 - b) 3 rounds of final heats.

21.9.5 Sidecar Format where there are 6 or less entries per class

- 21.9.5.1 The championship comprises 7 races.
- 21.9.5.2 Points accumulated by each competitor in the 7 races will determine Championship placings.

21.9.6 Heats and Final

21.9.6.1 The number of heat positions must not exceed 6.

21.9.6.2 The right to compete in the finals will be filled by the 6 competitors accumulating the highest number of points during the course of heats.

21.9.6.3 Points accumulated by each competitor in the 3 finals will determine Championship placings.

21.9.7 Race Distance

21.9.7.1 All races will be a minimum of 4 laps ~~and a maximum of 5 laps.~~

21.9.8 Venues

21.9.8.1 Venues used for Australian Junior Long Track Championships will be closed to competitors for a minimum of 21 days prior to the event.

21.9.9 Scoring

21.9.9.1 All races will be scored using the scoring system in GCR 12.14.

21.10 AUSTRALIAN SENIOR TRACK CHAMPIONSHIPS

21.10.1.1 The Australian Senior Track Championship will be conducted as a single meeting at a venue selected by the Dirt Track Commission.