



AUSCYCLING

**TECHNICAL REGULATIONS:
BMX**

**These Regulations will come into force from January 1 2021
Please refer to the BMXA Rule Book until that time**



AUSCYCLING

These Regulations have been developed to ensure safety of all participants and to encourage fair competition.

Where any ambiguity or lack of a clear ruling exists the UCI regulations will take precedence.

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SECTION 1 GENERAL REGULATIONS - BMX

1.00 CATEGORIES

Refer 'AusCycling Technical Regulations – General' Annexure 6 for category information.

1.01 NOVICE SPECIFIC INFORMATION

- 1.01.01 In states offering Novice categories these may only be offered until riders are classified as 17 years of age.
- 1.01.02 Novice riders may choose to move up to Expert at any time, however once they do so they cannot go back down.
- 1.01.03 Novice category is open to both Male and Female riders.
- 1.01.04 Novice riders are not to be awarded State or State Series rankings.
- 1.01.05 Novice riders must ride as an expert once they have achieved one of the below:
- a) Top 16 at the National Championships
 - b) Top 8 at any of the National Cup Rounds
 - c) Top 8 at a State Championships
- 1.01.06 Novice categories are participation categories with all participants receiving equal (non-financial) recognition.

1.02 RACE CLASSES & EVENT RESTRICTIONS

Class	Description
C1 / HC	International Competition
CN	National Championships
NC	National Cup
ST	State/Territory Championships
S	State Series, State Challenge, Inter-Regional, State/Territory
R	Regional
C	Club

- 1.02.01 International Competition Event (C1 / HC)
During C1/ HC designated event dates, no ST, S, R, event can be run within the same State.
- National Championships (CN)
During CN designated event dates, no ST, S or R, event can be run in Australia (only a C and NS event can be run during a CN event).
- National Cup (NC):
During NC designated event dates, no ST, S or R event can be run within the same State.
- State Titles / Series (ST/S)
During ST/S designated event dates, no S or R event can be run within the same State.
- Regional Events (R)
During R designated event dates, no other R event or club day can be run within the same Region
- 1.02.02 In Club racing only, the club can choose to offer Ability categories at their club events.

SECTION 2 COMPETITION

2.00 CLASSIFICATION

- 2.00.01 Riders registered to compete in an event will be classified according to their age, gender, bicycle style and competition level. Two styles of bicycles are recognised in a BMX race:
- standard 20 inch
 - cruiser 24 inch
- 2.00.02 Mini-wheelers and Sprocket Rockets, do not compete.

2.01 RIDING UP

- 2.01.01 Except at National Championships, National Cup and State Titles, competitors may enter (ride up) above their racing age or ride the opposite gender category equal to or above (but not below) their own racing age. This includes age-on-day and year of birth racing.
- 2.01.02 A competitor in all categories other than participation categories (Novice, Sprockets and Mini Wheelers) may ride in any age category above their racing age up to the pinnacle category. Pinnacle category is the category with a maximum age of 34, categories above the age of 34 shall be combined with the next younger category. Participation categories are permitted to ride up within their category only. (e.g. Sprockets must stay in Sprockets and Novice must stay in the Novice Category).
- 2.01.03 A competitor may enter in:
- One (1) Age, one (1) Cruiser and one (1) Superclass noting a rider cannot ride in both Junior Superclass and Superclass at the same event and or series. Minimum age for Junior Superclass is year of birth 14; or
- One (1) Masters category and one (1) Cruiser category per event.
- i.e. if you enter a masters category a rider cannot enter another 20" category.*
- 2.01.04 Competitors may also enter (or qualify for) any appropriate Superclass categories, Composite categories, Retro categories or other special racing that may be organised.
- 2.01.05 Sprocket riders are ineligible to ride up into competitive categories.

2.02 RACE SCHEDULE

- 2.02.01 The schedule of races for scrambled motos shall be established according to the procedures set forth in these regulations.
- 2.02.02 The number of motos to be raced at a particular event will be determined having regard to:
- Total number of entrants
 - Time available to conduct the event
- 2.02.03 If it becomes imperative to reduce the time to be taken for an event (i.e. through inclement weather) one of the following methods may be applied by the Race Director:
- Reduce the number of motos to be raced by every entrant; or
 - Cut out qualifiers and final. At the end of the last moto the competitor with the least points is then deemed to be the winner

2.03 TRANSFERS AND SCORING

There are three phases to a BMX meeting:

1. *Motos*
2. *Qualifiers (eighths, quarters, semis etc)*
3. *Final*

- 2.03.01 Events may be run using the UCI-BMX scoring/transfer system.

2.03.02 **Category of more than 1 full gate**

Motos: when there is more than one heat in any category, motos must be mixed on a random

selection or mathematical progression basis. The number of moto heats is determined on the basis of having the maximum number of riders in each heat with a differential not exceeding 1 between the number of riders in each heat. Eg a category of 23 riders will have three moto heats (2 x 8 rider and 1 x 7 rider).

To determine award/prize winners, one of the following methods must be used. Whichever method is chosen it must be specified on the technical guide and promotional material.

- a) Total points to end of motos, followed by Qualifiers and Final

Each competitor rides the same number of motos.

The top “x” riders (as defined in 2.03.04 on accumulated points following motos are seeded in order of merit (according to the principle of a downward left to right zigzag pattern) into the first qualifier round, with top 4 competitors in each qualifier transferring to the next qualifier round and/or final.

Any ties for the last qualifying position into the qualifiers are decided by 2.03.05.

Awards/prizes are awarded according to placing gained in the final.

- b) Total points to end of Qualifiers, followed by a Final

Each competitor rides the same number of motos.

The top “x” riders (as defined in 2.03.04) on accumulated points following motos are seeded in order of merit (according to the principle of a downward left to right zigzag pattern) into the first qualifier round. At the completion of the first qualifier round, points earned in the qualifier round are added to the rider’s existing moto points.

The top “x” riders (as defined in 2.03.04) on total accumulated points are seeded in order of merit into the next qualifier round (if required) and points accumulated until the qualifiers are completed and the top 8 riders determined (who transfer to the final).

Any ties for the last qualifying position into the first and/or subsequent qualifier, and to the final, are decided by 2.03.05.

Awards/prizes are awarded according to placing gained in the final.

- c) Total points - no Qualifiers or Finals

Each competitor rides the same number of motos. 2.03.05 shall be used to break any ties.

- d) 3 (Three) Heat Final

If a 3-heat-final is determined for the event, then competitors earn their way to the final using (a) or (b) above.

The competitors then ride 3 finals, using the following matrix to determine gate draws for each final. Riders choose a combination of fixed gates for the Three Heats as per the table below based on Olympic selection.

Awards/prizes are awarded according to overall points gained in the 3 finals.

Any ties are resolved using 2.03.05.

Three Heat Final Starting Lane Order								
Final #1	1	2	3	4	5	6	7	8
Final #2	4	7	5	8	1	3	6	2
Final #3	8	4	6	2	7	5	1	3

2.03.03

Category of 1 full gate or less

To determine award/prize winners, one of the following methods must be used. Whichever method is chosen it must be specified on the Technical Guide and promotional material.

Where the number of entrants in a category does not exceed a full gate, ie 8 or less for an 8-lane gate, one of the following methods must be used:

Each competitor rides the same number of motos, then

- a) Each competitor rides an extra moto with awards/prizes being awarded on total accumulated points, however should there be any ties in accumulated points placing then

the results in the extra moto are used to separate any such ties (assigned gates).

- b) Except for the last placed rider as determined by accumulated points following the motos, the rest transfer to a final (Olympic Draw). Any ties for the last qualifying position to the final are decided 2.03.05.

2.03.04 **Category sizes and qualifiers**

The table below details the number of riders required for various qualifiers and finals for an 8-lane gate:

<i>8 Rider Gate</i>			
<i>No of Riders</i>	<i>Semi</i>	<i>Quarter</i>	<i>Eighth</i>
Less than 17	-	-	-
17-19	Two 6 rider	-	-
20-32	Two 8 rider	-	-
33-40	Two 8 rider	Four 5 rider	-
41-64	Two 8 rider	Four 8 rider	-
65-80	Two 8 rider	Four 5 rider	Five 8 rider
81 or more	Two 8 rider	Four 8 rider	Eight 8 rider

2.03.05 **Tie-Breaker**

In the case where a tie is required to be broken, the following methods in the order listed below will be applied until the tie is broken. In case a method is either not available or not applicable to the situation, then the next highest priority tie-breaking method will be used.

- a) Time in the previous heat.
- b) Position in the previous heat.
- c) If applicable to the situation, the rider's best finish (time, or if not available, finish position) in the preceding qualifiers preceding in descending order of Semi Final, Quarter Final, Eighth Final, et cetera, until the Motos are reached.
- d) In descending order 3rd, 2nd, 1st round finish result in the Motos.
- e) BMX Time Trial results (if held).
- f) For Championships categories, the UCI Individual BMX ranking, or for Challenge level and Masters categories, the national ranking or series ranking used for seeding the Motos, if any exist.
- g) In the case of breaking ties between riders scored with the same IRM, at random.

2.03.06 **Olympic lane draws for qualifiers and finals gate positions**

Competitors in finals will have the option of nominating/selecting their starting lane position.

In the first stage following the motos, the pick is based on lap times from last moto run (if lap times are available) or Placing from last moto run. In subsequent stages:

- a) By seeding determined by lap time from the previous round (fastest rider has the first choice on the gate).
- b) By the finish placing from the previous round (first placed rider has first choice on gate).

Selection of starting lane position by competitors made before the race (eg) during staging, allows only one pick per rider. A rider cannot change lane, have another pick or swap their selected lane with anyone.

Any ties for starting lane selections will be determined by 2.03.05.

2.03.07 **Finish line Commissaires**

There shall be an adequate number of qualified finish line Commissaires (ideally an odd number), who shall be responsible for recording the finish positions of every rider as he/she crosses the finish line in each race. The official finish positions of each race shall be determined by a simple majority of the finish line Commissaires. The official finish results shall be transmitted to the Head Scorer for notation on the moto sheets.

2.03.08 **Bike position on the start gate**

Participation categories may be assisted at the start.

Where an interlocking pedal-cleat system is used, the rider must be able to demonstrate the ability to engage and release from the pedals, unassisted, upon any request from an official at any event.

Interlocking pedal-cleat systems are allowed for all riders age 13 and older. For avoidance of doubt, riders aged 12 and under must use flat pedals with no interlocking pedal-cleat system.

Mini Wheelers are not permitted to start off a track's start hill/gate. (They may have their own Mini Wheeler gate).

The use of photo finish camera equipment is recommended for all State / Territory event and above.



SECTION 3 GUIDELINES

Refer - [UCI General Regulations, Part VI, Ch 4: The Bicycle, Clothing and Equipment](#) for BMX Equipment regulations. The follow regulations are supplemental.

3.00 RETRO BICYCLES

A rider may ride a bike that is 30 years old or era correct. The category will be self-regulated, meaning those who are racing on the day can modify rules so as to include a rider that is out of specification by a number of years. Thus in 2021 the benchmark for the bike is to be built in, or era correct to 1991 or earlier.

3.01 MINI WHEELER GUIDELINES

3.01.01 Bicycle (AusCycling recommends usage of a steel/alloy frame)

- a) Mini Wheelers total length including wheels must not exceeded 88.9cm (35")
- b) Mini Wheelers must not have pedals or cranks
- c) Pit bikes can be used but must have cranks removed and not exceed 88.9cm (35")
- d) The total diameter of the wheel, inflated tires included shall not exceed 33.02cm (13")

3.01.02 Mini Wheeler Clothes

- a) Long pants
- b) Long sleeved shirts
- c) Covered shoes
- d) Helmets (stack hats) are permitted that meet Australian standards
- e) Helmet straps must be securely fastened
- f) Must wear full fingered gloves

3.02 NUMBER PLATES

3.02.01 The following number plate colour combinations must be used:

Superclass, Junior Superclass, Challenge male riders, Masters 30+	Yellow plate, black numbers
Superclass, Junior Superclass, Masters, Challenge female riders	Blue plate, white numbers
Cruiser	Red plate, white numbers
Participation Novice Categories	Green plate, white numbers
Participation Sprocket Rocket	Orange plate, black numbers
Participation BMX Mini Wheeler	Purple plate, white numbers

Note: Only riders with International Elite Number (formerly known as the Permanent Career Number) can ride with white plate, black numbers in a Superclass event.

3.02.02 Female Masters Category 30+ Open Wheel need to run either a blue plate, white numbers for 20" or red plate, white numbers for 24" cruiser.

3.02.03 Race plates should be 250mm wide x 200mm high approximately with numbers being 15mm wide x 100mm high approximately.

3.02.04 BMX Mini Wheeler plates should be 180mm wide x 140mm high approximately.

3.02.05 Retro Plate sizing should be 260mm wide x 300mm high approximately.

3.02.06 At all events a competitor must, at all times, ride with the racing number and/or letter combination which has:

1. Been allocated to them by their club; or
2. Been allocated to them by AusCycling; or
3. Been allocated to them through successful competition at any of the immediately preceding Titles:

<i>Prefix/suffix</i>	<i>Example</i>	<i>Title</i>
W	W1	World
A	1A	Australia
ACT	1ACT	Australian Capital Territory
N	1N	New South Wales
NT	1NT	Northern Territory
Q	1Q	Queensland
SA	1SA	South Australia
T	1T	Tasmania
V	1V	Victoria
WA	1WA	Western Australia

- 3.02.07 The only riders who will be entitled to race with a racing number between 1-8 (inclusive) will be those riders that placed in the preceding above Titles with the use of the above letters immediately after the number except World plates that will have the prefix W.
- 3.02.08 If a rider is riding up or the category is combined for any reason, the preference to the above numbering system will be provided to the rider who earned the respective plate in the designated category offered for a specific event. E.g. 13yr rider who is currently 1A enters into the 14yr category who has a rider that is also 1A the preference will be given to the 14yr rider with the 13yr rider will be required to change their number for this event.
- 3.02.09 State plates in the designated National Championships age categories may be run at the National Championship event. For all other events plates achieved at an event category equal to or higher, can only be used.
- 3.02.10 The size of the prefix or suffix letter must be 50mm in height.
- 3.02.11 Use of Number Zero on a Number Plate – 0 – 00 zero or double zero is not a numeral and 1-8 are reserved.

3.03 ADVANCED SECTIONS

- 3.03.01 Riders wishing to enter into the Superclass category at AusCycling sanctioned events where an 8m/SX hill or pro straight is available will be required to show a competency certification prior to the commencement of racing.
- 3.03.02 Junior Superclass will always ride the same straights as the Challenge categories.



SECTION 4 INFRINGEMENTS & PENALTIES

4.00 PENALTIES

These are suggested outcomes to the following infringements. Each case needs to be adjudicated on its own merits.

Refer AusCycling 'Technical Regulations – General' for Disciplinary and Appeals processes.

<i>Infringement</i>	<i>Penalty</i>
Bring the sport of BMX into Disrepute	Disqualification and referral to Judiciary
Riding in a category that rider not nominated in	Disqualification and referral to Judiciary
Deliberate T boning	Relegation
Deliberate cutting of track and gaining an advantage	Relegation
Rider forced off track and gaining an advantage	Relegation
Causing interference and disadvantaging another competitor by use of arms, feet, body or bicycle	Relegation
Tactical team riding	Relegation
Use of physical violence or threatening behavior	Disqualification from event and referral to Judiciary
Audible use of abusive offensive language	First offense - Official warning, Second offense – Disqualification
Refusing to submit to anti-doping testing	Disqualification and referral to Judiciary
Any competitor or official involved in an event while intoxicated	Removed from venue and referral to Judiciary
Misconduct by parents, family members, team managers at an event	Official Warning, Disqualification, removal from venue and referral to Judiciary

SECTION 5 PRIZE MONEY

5.01 EQUITY IN RELATION TO PRIZE MONEY

AusCycling guarantees male and female, equity, wherever possible, in competition prize money.

Challenge Categories are to have equal awards for male and female.

5.02 SUPERCLASS AND JUNIOR SUPERCLASS PRIZE MONEY

For Superclass and Junior Superclass, the prize pool is to be split 50:50 between male and female. Junior Superclass prize pool may be offered however not greater than 25% of Superclass prize pool.

5.02.01 Prize money Breakdown

Total amount minimum at all races conducted in Australia must be:

- a) Junior / Superclass Men: minimum prize pool to be advised on event flyer
- b) Challenge/Masters riders: male and female equal awards

5.02.02 Placing breakdown

Either of the below tables can be used for awards breakdown.

1st Place	33%
2nd Place	23%
3rd Place	14%
4th Place	8%
5th Place	7%
6th Place	6%
7th Place	5%
8th Place	4%

1st Place	50%
2nd Place	30%
3rd Place	20%

5.02.03 All prize money to be paid in EFT, cash and or cheque at the discretion of the event organiser. Monies to be paid immediately following the conclusion of the event (or as soon as practical in the case of EFT) or, if two events over two days at the end of the second day.

5.02.04 Process

1. Calculate prize pool
2. Apply above placing percentages to individual determined pools