

## MCCC Scrutineering Notes 2015-2016

### Australian road rules items (And in accordance with Cycling Australia regulations)

An approved helmet that it is certified to ANS/NZS 2063 standard (carrying a relevant sticker) must be worn and securely fastened. Any modification to an approved helmet is strictly prohibited, including; swapping or tampering with stickers; structural or aerodynamic modification.

*As this is a legal and safety requirement this item is not negotiable. No approved helmet = no race*

### Safety Items

1. Handlebar end plugs must be in place
2. Tyres "roadworthy", no exposed canvas on road contact surfaces
3. Frames "roadworthy" no structural cracks
4. Fork dropout lugs must not have been filed or cut off.
5. For mass start races, wheels must be of a "traditional" or "standard" design i.e.:
  - 5.1. Have a minimum of 16 spokes (No dimension of spoke, other than length, shall exceed 2.5mm)
  - 5.2. Have a rim depth of not more than 25mm
  - 5.3. **OR** be otherwise approved by the UCI appearing on the UCI list. (Does not apply to TTs)

*As these are safety related items they are not negotiable. Non compliance = no race*

### Aerodynamic advantage items

3:1 rule. Frame, handlebars, seatpost, etc must not have a depth to width ratio of more than 3:1.

Rider position. The traditional rider position of:

- Tip of the saddle at greater than 5cm behind the vertical line passing through the centre of the bottom bracket.
- Handlebar extensions on a TT bike up to +75cm in front of the vertical line passing through the centre of the bottom bracket. This handlebar measurement is made to the front of the shifters positioned in line with the handlebar extensions.

The tip of the saddle may be moved forward to 0cm (in line with) centre of the bottom bracket **OR** the handle bar extensions may be moved up to +80cm in front of the centre of the bottom bracket.

IN NO CASE SHALL A RIDER BE ALLOWED TO TAKE ADVANTAGE OF BOTH ADJUSTMENTS.

Saddle. The saddle must be between 24-30cm in length and there must be no more than 3° (10mm front to back variation) tilt on the saddle.

Handle bars. The highest part of the handlebars on a TT bike, including the gear levers, must not be:

- Higher than the saddle on a horizontal plane
- Higher than 10cm above the level of the arm rests

The lowest part must not be lower than 10cm below the level of the arm rests.

Bottles. Bottles may only be positioned on the down tube or seat tube. The cross section of the bottle must be between 4-10cm. The capacity of the bottle must be between 400-800ml.

*If any of these items are not met, permission may be granted to ride by the race panel, however riders will not be able to:*

- *Claim placings*
- *Be included in the points allocation*
- *Have times officially recognised.*

Junior gearing For all categories the following maximum roll out distances shall apply:

J U11 = 5.5 metres

J U13 = 5.5 metres

J U15 = 6.0 metres

J U17 = 7.0 metres

J U19 = 7.930 metres when competing in "Junior Only" events

*Roll out distances are related to the welfare of young riders and are not negotiable.*

*Non compliance = no race*