



## TECHNICAL REQUIREMENTS v 21.04.2019

Race classes are based on maximum weight (combined cart plus occupant) and separated into single occupant or tandem. See the **WEBSITE** for classes.

This is an event for Billy Carts (Unpowered) of the following configuration,  
The Cart: -

1. shall have as its only form of propulsion gravity, on the event downward sloping course.
2. may have 3 or 4 road wheels that must be rubber tyred and no greater than 700mm diameter (if three wheeled single wheel must be un-steered and at the rear).
3. must have the front wheels steered by metallic mechanical means.
4. may not be of a steered front axle design.
5. must not be longer than 2200mm or wider than 1000mm.
6. must have a wheelbase to track ratio greater than 1.5:1.
7. must be fitted with working effective rear brake(s) to both wheels capable of holding the Cart on a 30-degree slope. (May be foot or hand operated).
8. no part of the Cart may be higher than 950mm measured from the ground, except a Roll Hoop if fitted.
9. shall have only one occupant at a time, except Parent assisted Child configurations
10. must be occupied by a seated driver who must have their feet in the forward position.
11. have a floor of sufficient strength to hold the driver and prevent contact with the road and sides to prevent driver/occupant making contact with the rear wheels. As well as a forward facing, white background number plate of a minimum 150mm wide by 100mm high.
12. have a seated drivers eye level of at least 600mm measured from the ground (except persons less than 1200mm tall)
13. have a ground clearance of greater than 75mm, no sharp protrusions and all fittings and fixtures securely mounted.

The Driver during the event will: -

- A. wear a correctly fastened, approved bicycle helmet or motorcycle helmet.
- B. wear knee, elbow, hand and eye protection.
- C. wear closed shoes or boots.

D. make these items available for inspection during cart scrutineering.

Technical queries then please contact: [technical@hillsbillycartfestival.com](mailto:technical@hillsbillycartfestival.com)

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