

## **Rules and Regulations**

### **Categories**

The Beachlands Trolley Derby is open to EVERYONE who has read and understood these rules.

**Trolleys can be entered in the following three categories:**

7 to 11 On race day  
12 to 14: On race day  
15 and above:

Teams are also encouraged to enter, so if you think you've got what it takes get building now.

### **Safety Statement**

Driver and public safety are our greatest priority. We provide a risk-associated sporting event yet work very hard to reduce the likelihood of anyone getting hurt. The following rules continually improve each year. These are tried and tested and ensure enjoyment and safety for drivers and spectators. Please note that there is a waiver to sign for every entry.

### **Health**

If you have heart, back, epilepsy or some other health-related issue that may affect your participation in the event we recommend you do not take part. Make sure you have sunscreen. when racing The Wet Azz truck will be on-site where you can get top-ups of water. Covid, following Ministry of Health guidelines, if you have a new or worsening cough, fever (at least 38°C) shortness of breath, a sore throat sneezing runny nose temporary loss of smell. Please do not attend.

## **Trolley Design Absolute Minimum Requirements**

### **Size:**

Width: No more than 1.2m. (to fit on the start ramp)

Length: No more than 2.4m maximum. (to fit on the start ramp)

**Body:** Must be able to roll on and off a 20-degree slope.

### **Weight:**

If two average adults cannot lift it onto the trailers to take it to the top, it's not racing. Sorry, heavy carts become unstoppable missiles.

**Wheels:** Each trolley must have a minimum of three wheels.

**Brakes:** (the important bit)

- Each trolley must have a braking system that:-
- Acts on at least two wheels and is capable of holding the trolley on our starting ramp on a 20-degree slope.
- Can be applied in a controlled and progressive manner.
- Provide stable and efficient braking without adverse effects on the directional control of the trolley.
- Braking must be operated whilst maintaining control of the vehicle.
- No ground anchors.

**Steering:** (nearly as important as brakes)

- All trolleys must have a steering system capable of manoeuvring at speed. You should be able to avoid a trolley in front of you if it crashes.
- Because trolleys with old-fashioned rope steering have proven dangerous, no rope steering is allowed. An old lawnmower handle is a useful alternative
- Your feet should not be anywhere near the steering system.
- Seats must be solidly fixed to the chassis.
- Flare, flamboyance, decoration is encouraged.
- Please no devices that can cause sparks, i.e. fireworks
- No form of power other than gravity.

### **Roll bars**

After the 2015 and 2016 events, there was discussion about the need for roll bars. We have discussed this with Manukau Police. Whilst a roll bar is a "nice to have," the extra effort/tools/degree of building competency, etc. required to make an appropriate impact-proof bar is acknowledged and would preclude some builders from entering. Manukau Police advised us that seeing the competitors having fun with managed risk is great. The decision is yours.

### **Scrutineering**

Your trolley must be checked over before your race, also we need to check the competence of the driver. On passing scrutineering each driver will be signed off. A transponder is given to each driver on the day.

We will not have time for full scrutineering on event day, however, if you have already gone through the process and there are a few things you have been asked to fix we can look at that on the day.

Cont.: -

- The scrutineer's decision is final.
- If they believe the cart is unsafe or doesn't comply with the basic design guide (in particular for the age and skill of the driver), then the cart will fail. You will then have till the morning of race day to rectify the issue.
- All persons driving the cart on race day must attend Scrutineering with their helmets so that we can see that the cart and helmet are matched to the driver.
- Scrutineering will occur. The dates are Sunday the 1<sup>st</sup> March 10 am-12 pm and Wednesday 5<sup>th</sup> March 6.00 -7.00 pm with a potential retest on Saturday.
- No local carts will be scrutineered on Race Day
- If you are from **out of town** and can only bring your trolley to race day we will be doing Scrutineering on Race Day for you, however, if your trolley fails and is unable to be bought up to spec, then you will not be able to race.
- Expect the scrutineers to push, test, Bounce and generally make sure your cart is robust enough for the North Island's only grass track.

### Timing

We have automatic timing, each contestant will receive a timing chip on the day.

**Without a chip, your race will not be timed.**

The absolute minimum protective clothing for each racer is

#### Headwear:

- Children must have head protection which at a minimum must be a close-fitting cycle helmet.
- Full face helmets are ideal
- Adults must have head protection which is to be either a motorbike or BMX helmet.

#### Clothing:

- Enclosed shoes
- Long sleeve shirts
- Long trousers
- Elbow and knee pads are recommended if you have them. (skateboard / BMX type)
- Full finger-length gloves.

### Race Day Rules

- Safety first.
- Have fun
- The Race Director and Scrutineers' decisions are FINAL.
- Drivers must have forward-facing vision at all times during the race.
- Drivers must stay within their starting lanes (traffic cones) for the cone length.
- We endeavour to ensure all drivers get the same number of goes. This is difficult with multiple drivers in the same cart as the transport up to the start becomes complicated and multiple cart drivers will need to wait. So we are limiting each cart to a Maximum of two drivers.
- Drivers need to be ready with their carts, at all times, while the racing is in progress.

- Do not cross in front of the finishing line and ensure your trolley is out of the way and returned to the pits. The morning session will not be timed and this is a chance for you to get used to the track. The afternoon session will be timed. We will try and give you two runs and your best time will count, however, if we run out of time and can't give everyone a second run everyone's first time will count
- The trolleys with the fastest times will go head to head for the prize of 'Top of the Hill'. This is not a timed event rather it is first past the post.
- We make every effort to allow things to run smoothly, but despite our best efforts things can go wrong, remember you are there to have fun and that we are all volunteers

### **Prize Giving**

We will be handing out a range of exciting spot prizes to lucky drivers taking part. You must be present when they are given at the end of the day.

You are reminded that you are in an environmentally sensitive area please **respect** this and avoid causing damage to the park

Official photos and videos will be taken of the event and these will be used for Marketing purposes.

### **Contact**

If you have any questions, please relay them through email [rotarytrolleyderby@gmail.com](mailto:rotarytrolleyderby@gmail.com)

Or contact John Stacey at 0274 717 214. I will not have a lot of time on the day so I ask you not to contact me unless it is important. There will be others around the course on the day, with high viz bibs, who can help you.

**The important part is to have a good time.**