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CHILDREN'S BATTERY POWERED COIN OPERATED CARS

USEFUL HINTS AND GOOD PRACTICE GUIDELINES TO FOLLOW WHEN DESIGNING A TRACK AND WHEN CARRYING OUT EXAMINATIONS.

1. Choose an area where the ground is flat and level. The track surface should be hard and smooth, this will not only reduce tyre wear it will make driving easier.
2. Make the track as large as possible within the space available, avoid sharp or tight corners, design the track in such a manner to encourage one way traffic only and avoid a design that could cause head on collisions, for instance overly wide carriage ways or cross overs.
3. Provide pedestrian refuges in the centre of the track and around the track perimeter. Limit the access and egress points onto the circuit.
4. Provide a 'gate' in the perimeter fender to enable cars to be removed easily for recharging. Unless a well protected area is designed within the track cars should not be recharged on the circuit.
5. The perimeter of the track and the centre island/refuge should be provided with fendering that is sufficiently robust to stand full speed collisions regularly, and be of a height that the cars cannot override. It is important that the fendering be smooth to allow for cars to slide easily along should a glancing impact occur.
6. Make sure sufficient signs are provided indicating:
 - a) A one way circuit.
 - b) The recommended parental or guardian control,
 - c) The price and coinage necessary to ride.(this avoids delays and confusion when the child is getting into the car).
7. Always remember that the drivers are children, for many of whom it will be the first time they have had control of a vehicle. Design track, signs, refuges and cars with this constantly in mind.
8. Part 2 of the **BACTA** publication '**KIDDIE RIDES A SAFETY GUIDE**' provides essential reading for designers, manufacturers, operators and examiners.

AS ALWAYS CHILD SAFETY IS FOREMOST IF IN ANY DOUBT DO NOT ISSUE A D.O.C.