

KARTING SLALOM



GRASSROOTS TOOLKIT



The Federation of Motor Sports Clubs of India

Karting Slalom

Welcome to the world of karting, for anyone, anywhere!

Introduction

This guidebook allows the organizer to set up a bespoke karting competition in any available space, whether it's a garage, parking lot, community space or even indoors. With this simple guide, you can create a unique karting experience in the available locations. Whether you're passionate about karting or want to introduce others to the excitement of motorsport, this guide empowers you to do so with ease and creativity

1. GRASSROOTS DEFINITION

FMSCI's grassroots motorsport initiative aims to make motorsport simple, accessible, and safe, encouraging new participants while enhancing the engagement of existing enthusiasts. The Toolkit provides essential guidance to organizers, wherein, the goal is to create an enjoyable and recreational motorsport experience for all.

2. VEHICLE

The type of vehicle used can be any leisure go kart, powered either by a Combustion Engine (two-stroke or four-stroke) or by an Electric Motor (<60 Volts).

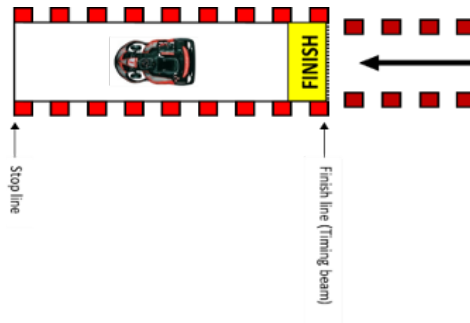
3. TRACK

The design of the track is left up to the organizer based on the available space. The only reference guidelines are as follows:

2.1 The length of the track must be a minimum 50m to a maximum 250m.

2.2 The layout of the track should be cone-based. Refer *Appendix* for types of layout and details.

3.1 **Start/Finish:** The Start/Finish lines and boxes must be clearly defined using chalks and cones. Refer *this insert for schematic details*.



4. EVENT FORMAT

Following are the event guidelines:

4.1 The format suggested is quite simple, i.e., starting with on-ground registration, followed by Divers Briefing, then practice laps, timed laps, and finally prize ceremony.

4.2 It's up to the organizer as to how he/she plans on maintaining the flow of the event, considering:

4.2.1 The number of laps for each participant must be fixed.

4.2.2 Karts must be uniform with regards to the technical specifications.

4.3 The winner will be determined based on the diver with the fastest timed lap, followed by the second-place finisher and the third-place finisher. This ranking will be determined in ascending order of lap times, with reference to the winner's lap time.

5. SPORTING GUIDELINES

Following sporting headings must be respected by the organizer while conducting the event to maintain the ethos of a professional motor racing environment:

5.1 Driver Briefing:

Post the registration phase, all the participants/drivers must be briefed by the organizer in a designated assembly area, explaining the rules of the competition,

course layout, track signs, cone placements, no. of laps etc.

5.2 Class :

5.2.1 Mini– Minimum 8 years in the year of application, and Maximum 11 years in the year of application

5.2.2 Regular– Minimum 12 years in the year of application

5.3 Notice Board:

A digital/analog/manual notice board should be put up by the organizer upon which the names and best lap times of the participants will be displayed.

5.4 Practise Runs:

The organizer has the rights to nominate the number of practice runs given to each participant. Furthermore, organizer can choose not to time the practice laps

5.5 First Aid:

Availability of a first aid kit is mandatory in all karting competitions, at all tracks.

5.6 Event Officials:

It's up to the organizer to nominate official(s) to create a free and a safe event for the participants.

5.7 Grassroot License:

Participation is open to FMSCI Karting Grassroot license holders only (for easy instant issue – apply online at www.grassroots.fmsci.in)!

6. DRIVERS EQUIPMENT

Participants are free to use their personal equipment if the below mentioned minimal requirements are respected:

6.1 Helmet

6.2 Shoes

Note: Please ensure that long hair is completely contained within the helmet. If the hair extends below the shoulder limit, wearing a jacket with a hood is mandatory.

7. TIMING

The lap times should be timed using either a manual stopwatch or by using a standard 'timing beam' or 'transponder' system which should be set up in accordance with the Finish line, i.e.,

the timer should stop timing the laps as and when the kart crosses the finish line.

8. PENALTIES

The cone base (if required) will be marked around their whole footprint (chalk.) A cone is moved when the footprint of the cone is outside the marking. *Refer the insert for schematic details:*



8.1 A two second time penalty will be added to the time recorded by that driver on that test for the following infringements:

8.1.1 Knocking over or moving a cone out of its defined footprint

8.1.2 Driving over the stop line with parts of the kart

8.2 A ten second time penalty will be added to the time recorded by that driver on that test for the following infringements:

8.2.1 In the straight track lane, only one penalty per side will be considered, even if several cones are knocked over or moved.

8.2.2 In the curved track lane, each knocked over or moved cones will be counted and penalized.

8.3 Participant is disqualified if the kart is driven in the wrong direction of the track.

9. ENTRY FEE

Organizer is free to decide the entry fee for participants.

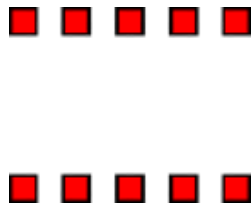
10. FMSCI PERMIT

The organiser must obtain an FMSCI Grassroots Event Permit to conduct the event and is also required to submit an entry list.

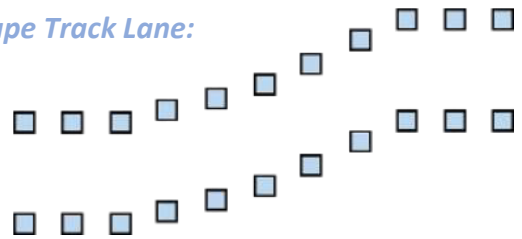
Note: Those who have previously participated in any National/Cup/Series/Challenge/Trophy are ineligible to participate in the Grassroots division!

APPENDIX (Track Layout Examples)

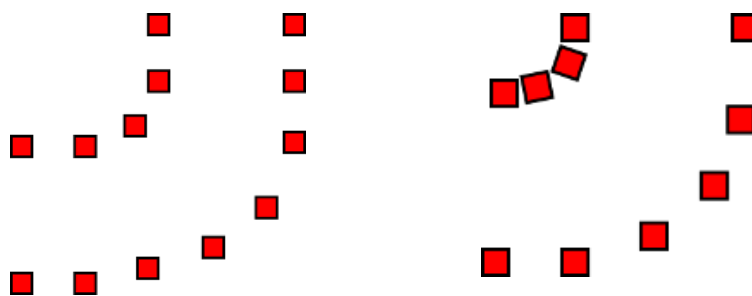
Track Lane:



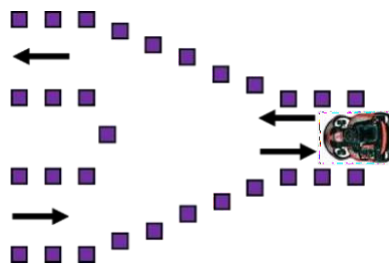
S Shape Track Lane:



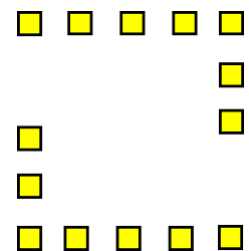
Curved Lane:



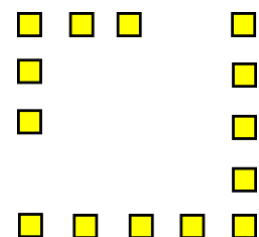
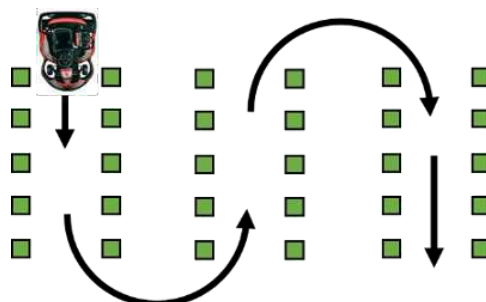
Y Shape Obstacle:



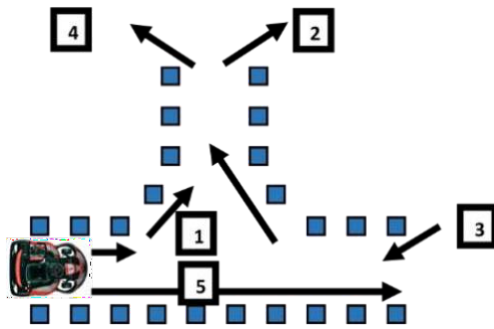
Box:



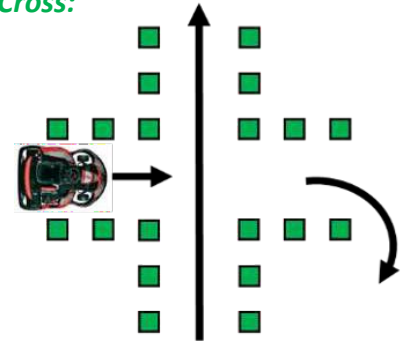
Z Shape Track:



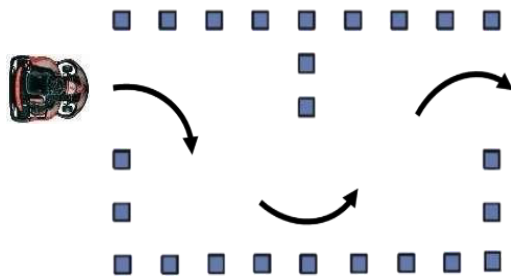
Knot:



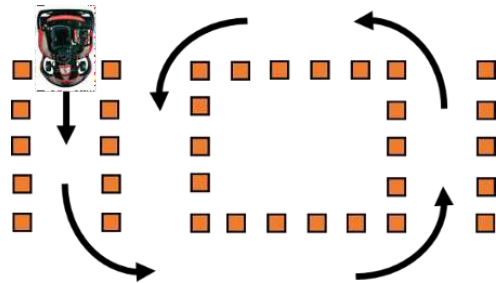
Cross:



Chicane:



Snail Shell:



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