



The Federation of Motor Sports Clubs of India

2017 General Prescriptions for Karting (4 Stroke Engines)

Art.1 Definition

1.1 Kart

A kart is a land single seater vehicle without a roof or a cockpit, without suspensions and with or without bodywork elements, with 4 non aligned wheels that are in contact with the ground, the 2 front ones of which control the direction and the other 2 rear ones, connected by a one piece axle, transmit the power.

The main parts are the chassis (including the bodywork), the tyres and the engine.

1.2 Class

Group of vehicles determined by their engine cylinder cubic capacity or by other distinguishing criteria.

1.3 Group

Karts especially destined for competition and the engines of which are either homologated or derived from the homologations or approved.

1.4 Categories

Classification of karts in accordance with their technical characteristics and with the conditions of eligibility of their Drivers.

Art.2 Classification

2.1 Categories and Groups

Group 1

Engines upto 7 bhp

Group 2

Engines upto 16 bhp

Group 3

Engines upto 32 bhp

Art.3 Engine Specifications

3.1 As per specification sheets given of Subaru, Honda and Briggs & Stratton Engines.

Art.4 Chassis Specifications

4.1 Minimum tubing : 28 mm

4.2 Rear Axle : Hollow or Solid : Minimum 30 mm

4.3 Front Nassau Panel, Front Bumper, Rear Bumper and Side Pods are compulsory

4.4 Rims : Steel or Magnesium

Art.5 Track Specifications

5.1 For Engines upto 7 bhp

Length of the Track : Minimum 200 meters

Width of the Track : Minimum 5 meters

5.2 For Engines above 7 bhp upto 16 bhp

Length of the Track : Minimum 350 meters

Width of the Track : Minimum 6 meters

5.3 For Engines above 16 bhp upto 32 bhp

Length of the Track : Minimum 600 meters

Width of the Track : Minimum 7 meters

Art.6 Track Safety

6.1 Tyre barriers either bolted to each other vertically and horizontally or secured with a one inch strapped tape. No loose tires permitted anywhere on track.

OR

CIK type plastic and interlocking safety barriers.

Photos for both as per **Annexure II**.

Art.7 Driver's Safety

7.1 Helmets

DOT or CIK approved full face helmet with visor and strap

7.2 Clothing

Full Pants or Track Bottom.

Cotton or Denim Jackets

7.3 Shoes

Sports Shoes

For above 7 bhp, Karting Overalls and Gloves compulsory.

Art.8 Event Safety

8.1 Ambulance

Minimum one fully compliant Ambulance as specified in **Annexure III**.

8.2 Track Safety Marshalls

Sufficient number of Track Safety Marshalls to be deployed. Minimum being one Marshall for each corner.

8.3 No access for Spectators to come on to the track.

**** END ****

Annexure II : Photo of Tyre / CIK Plastic Barriers



Annexure III : Ambulance

The list below is the required minimum. It is not restrictive.

I) Equipment for securing the upper airways:

- * equipment for endotracheal intubation, device for detecting esophageal intubation, or device for detecting exhaled carbon dioxide,
- * equipment for providing airway support in the event of difficult or impossible intubation (e.g. Fastrach® or Combitube®, etc.),
- * non-rebreathing masks with a source of high-flow oxygen (for patients with spontaneous ventilation),
- * Guedel airways of a size adapted for children and adults,
- * nasopharyngeal airways of a size adapted for children and adults,
- * laryngoscope for children and adults and spare batteries/bulbs,
- * orotracheal tubes of a size adapted for children and adults, with appropriate connectors and cuff inflating device, device to measure the saturation of oxygen,
- * mini cricothyrotomy device.

II) Ventilation:

- * portable suction machine (300 mg Hg vacuum),
- * full selection of suction catheters and 1 rigid Yankauer tube,
- * self-inflating bag with O² reservoir and face mask,
- * mechanical ventilation using various methods currently accepted,
- * source of O² with reducing valve and appropriate connectors,
- * thoracic drainage with non-return valve.

It is recommended to have barrier masks available in case mouth-to-mouth resuscitation is necessary.

III) Circulatory support:

- * devices for stopping a hemorrhage in case of serious injuries to the extremities,

Note: the use of surgical clamps is not recommended. The use of validated tourniquets conceived for this purpose and the use of haemostatic substances (Quick Clot®, etc.) is recommended;

- * equipment for preparing intravenous access,
- * IV drip kit x 4,
- * IV cannulae - size 14 x 3/size 16 x 3,
- * kit for central venous cannulae,
- * equipment for gastric drainage,
- * equipment for bladder catheterization,
- * a sufficient volume of volume expanders,
- * heart monitor
- * E. C. G.,
- * sphygmomanometer + stethoscope.

IV) Drugs:

- * resuscitation drugs currently recommended and used in the country concerned,
- * as a non restrictive indication, the following substances are recommended:
 - drugs for respiratory problems,
 - drugs for cardiovascular problems,
 - analgesic and spasmolytic drugs,
 - sedatives and anti-epileptic drugs,
 - glucocorticoids,
 - drugs for intubation and anesthesia.

V) Additional equipment:

a. Mandatory in all cases:

- * a reserve of O²,
- * box with sterilised surgical instruments, including haemostatic equipment,
- * equipment necessary for the initial treatment of serious burns,
- * pneumatic devices for fracture reduction and support,
- * cervical collars (different sizes, adults and children),
- * disposable equipment: vesical tubes, suture equipment, various syringes and needles,
- * otoscope.

b. Recommended:

- * ophtalmoscope, non invasive stabilisation device for **pelvic fractures**.