



**The Federation of Motor Sports Clubs of India**

**2018**

**Technical Regulation  
for  
Turbo Class (TC-4 A)**

Member of



Federation Internationale  
de l' Automobile



Federation Internationale  
de Motocyclisme



Indian Olympic Association

## 2018 Specific Technical Regulations for Turbo Class (TC-4 A)

The following Articles of 2018 FMSCI Appendix J is applicable

**Art.251 – Classification and Definitions**

**Art.252 – General Prescriptions for Production Cars (Group N), Touring Cars (Group A)**

**Art.253 – Safety Equipment (Groups N, A)**

**Art.254 – Specific Regulations for Production Cars (Group N)**

**Art.255 – Specific Regulation for Touring Cars (Group A)**

Any modifications are forbidden unless expressly authorized by the regulations specific to the group as mentioned below.

### Series Part (SP)

Series Part being original parts or replacement parts identical to the original parts as fitted to the car / engine at the time of manufacture or subsequently replaced due to use or accident. All such parts shall be available through the original car manufacturer's dealer network. All relevant specifications shall be referenced from the manufacturers' official data or applicable FIA/FMSCI homologation form or TDF form.

### Free Part (FP)

Free Part being parts that may be freely sourced. Such parts may be removed or replaced with another part on condition that the substitute part has no additional function relative to the part it replaces. These parts may have other conditions imposed under these technical regulations.

### Eligible Vehicles

Any large scale series production Touring car manufactured / assembled in India.  
Only vehicles with Homologation / TDF (Technical Data Form) are allowed.  
Only 2010 and later sold cars are allowed.

### Classes

Above 1451cc Up to 2050cc

### Restrictor

Restrictor Size 30mm

### Weight

Minimum weight of the vehicle is 1150 Kgs

### 1.1 Modification

All modifications permitted as per TC-1 to Engine, Gearbox & Suspension

CBU not allowed

Imported Engines not allowed

### 2.1 Engine and Gearbox Mounting

Engine and Gearbox Mount Free

Not their Numbers

### 3.1 Braking System

Brake Hoses Braided Hoses are allowed

Brakes max 4 piston front calipers and max 2 piston rear calipers

#### 4.1 Tyres

Tyres Minimum 17 inch

#### 5.1 Safety Equipment

2018 FMSCI Safety Regulations (Article 253)

##### Fire Extinguisher Systems Mounted

The minimum Quantity of Extinguishant for system mounted must be 3kg.

##### Manual Extinguishers

###### Minimum Quantity of Extinguishant:

AFFF	2.4 liters
FX G-TEC	2.0 kg
Viro 3	2.0 kg
Zero 360	2.0 kg
Powder	2.0 kg

Fire Extinguishers to be rigidly fastened with a quick release clamps (minimum 2 nos.) fitted in an easily accessible and a visible position. The mounting bracket of the fire extinguisher must be bolted to the floor with a bolt of minimum 10 mm diameter

##### Protective Padding

Where the occupant's bodies could come into contact with the safety cage, flame retardant padding must be provided for protection.

##### Rear View

Reward visibility must be ensured by two external rear-view mirrors (one on the right and one on the left).

An inside rear view mirror is optional

#### 6.1 Roll Cage

##### Basic Structure

The basic structure must be made according to one of the following designs :

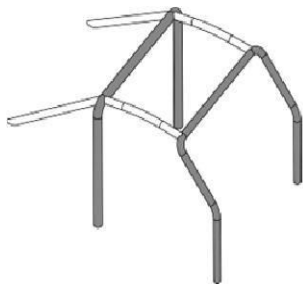
1 main rollbar + 1 front rollbar + 2 longitudinal members + 2 backstays + 6 mounting feet (Drawing 253-1)

or

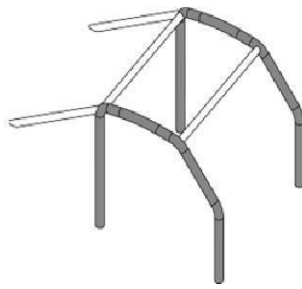
2 lateral rollbars + 2 transverse members + 2 backstays + 6 mounting feet (Drawing 253-2)

or

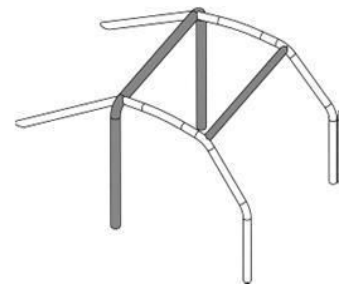
1 main rollbar + 2 lateral half-rollbars + 1 transverse member + 2 backstays + 6 mounting feet (Drawing 253-3)



253-1



253-2



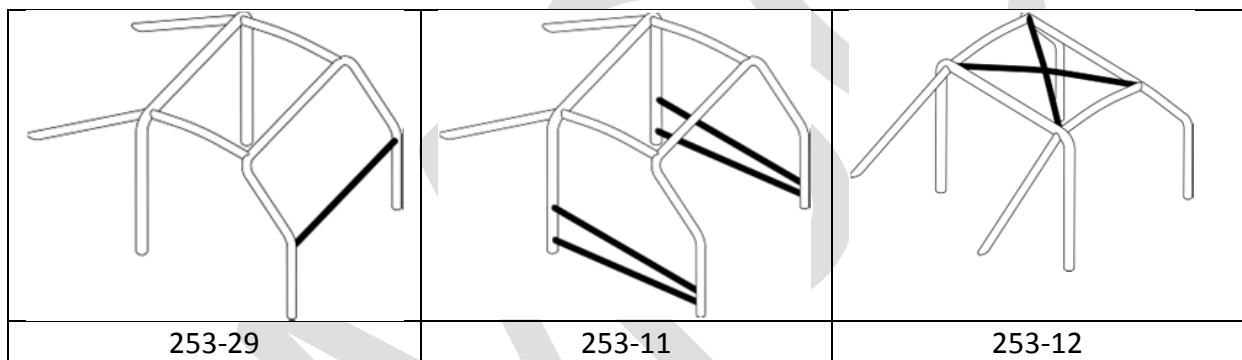
253-3

**Compulsory members and reinforcements**

Cold drawn seamless unalloyed carbon steel tube (Containing a maximum of 0.3% of carbon) with a minimum tensile strength of 350 N/mm<sup>2</sup>

The minimum dimensions being 45mm X 2.5mm or 50mm X 2mm.

The basic minimum structural requirement as per Drawing 253-29 with side impact bars as in Drawing 253-11 and roof reinforcement Drawing as in 253-12. (Single Cross member is also allowed in Drawing 253-12).



**7.1 Ballast**

It is permitted to complete the weight of the car by one several ballast provided that they are strong and unitary blocks, fixed by means of tools with the possibility to fix seals, placed on the floor of the cockpit, visible and sealed by the scrutineers.

**Note:**

Other than the modifications permitted expressly above should follow Specific Regulations for Production Cars Group N 2018.