**Amater Endurance Cup**

**Technical Regulations 2025**

**for cars participating in the Amater Endurance Cup**

**I. CARS:**

**I.1. The Amater Endurance Cup is open to cars that meet the following conditions:**

**(a) the vehicle is approved for road use, as evidenced by a TP. The body type and engine type of the vehicle entered must match the submitted TP.**

**(b) the vehicle is accompanied by an FIA sports licence or equivalent document. If the car does not have either of these documents, the organiser will issue the driver with a licence for that car with the technical data.**

**c) it complies with the technical regulations described and listed here**

**The vehicle does not need to have an RZ assigned. It is within the full discretion of the Technical Commissioner and the Race Director not to admit a vehicle showing evidence of unsafe construction.**

**II. CLASS DIVISION:**

**The final classification of the vehicle will be decided after the technical inspection. The organizer has the right to reassign a vehicle to another category based on a finding of non-compliance with the requirements of that category. In the event of a dispute, the Race Director has the final decision.**

**Group A - vehicles up to 1600 cc**

**Group B - vehicles up to 2000 cc.**

**Group C - vehicles up to 2500 cc.**

**Group D - vehicles up to 3000 cc.**

**Group E - vehicles over 3000 cc.**

Supercharged vehicles: the engine content is multiplied by this coefficient.

Petrol engines (petrol) coefficient 1,4

Diesel engines (diesel) coefficient 1,2

Wankel engines coefficient 2,0 for the sum of the volume of all combustion chambers according to the engine manufacturer's specification.

III. COMPULSORY RIDER SAFETY EQUIPMENT

III.1. An electric disconnector is not mandatory but recommended, operated from inside and outside where it is marked by a blue triangle with a red lightning bolt. It must be wired to switch off the engine when started, not just disconnect the battery.

III.2. Four to six point seat belts REQUIRED. Points for attachment to body, two for lap belt, two or one symmetrical with seat for shoulder belts. It is FORBIDDEN to attach seat belts to seats or seat brackets.

III.3. A working 2 kg fire extinguisher mounted to withstand overloading in the event of a vehicle impact. It shall also be fixed in such a way that it can be released if necessary without the use of any tools. With a valid inspection test!!!

III.4. Driver's equipment - helmet approved for road use, overalls, full-fingered gloves, closed shoes. Non-flammable underwear is recommended.

III.5. Towing eye marked with a red arrow on the front and rear.

IV. RAIN SPECIALS of Group A-B-C-D-E - permitted modifications:

IV. 1. BODYWORK

A basic skeleton from a production car must be used. For the purposes of this Article, a production car is not considered to be a vehicle produced in pieces (so-called kits) and put into service individually. Only the hood, doors, fenders, roof, trunk lid and bumpers may be lightened. The doors can only be lightened if the vehicle is equipped with a full frame. In addition, the rear seat mounts may be removed, the reserve compartment may be removed but must be covered. Decorative and aerodynamic elements are allowed. The windscreen must be laminated, safety, original. Other glass may be replaced by plastic (MAKROLON) with a minimum thickness of 3 mm. All windows must be transparent. Sliding windows are allowed. The use of shattering material (PLEXISKLO) is forbidden. If a sunroof has been fitted to the vehicle, it must be removed and the opening plugged. The engine or luggage compartment lid must be fitted with at least two fastening devices and the original locks may be removed. The driver's and passenger's doors (for opening from the outside of the car) must remain operational, the others may be welded or covered. The use of pneumatic jacks is permitted, but without a compressed air cylinder in the vehicle. The vehicle must be equipped with both exterior rear-view mirrors. The front lights may be removed, the original engine and chassis guards may be removed. All insulation parts and plastics may be removed. The inner mudguards can be removed or modified if the outer mudguards are widened to change the width of the tyres.

**IV.2.INTERIOR**

**The interior of the vehicle may be modified, the dashboard may be any without sharp edges, the upholstery (as per IV.15.1) and soundproofing materials may be removed. Steering wheel arbitrary, airbags, window roll down and interior lighting may be removed, side net recommended.**

**IV. 3.SUSPENSION**

**Axles, shoulder mounts and material may be changed. Storage in metal housings is permitted. Shock absorbers and springs optional, as well as their location and mounting. Stabilizer and mounting optional. Vehicle ground clearance is not restricted, but no part of the vehicle may touch the ground if all tires on one side of the vehicle are deflated.**

**IV.4.WHEELS AND TYRES**

**only tyres approved for use on public roads and bearing the E (DOT, ECE) approval and in the maximum size prescribed by the manufacturer may be used. There is no limit to the number of tyres. The competitor must also attend the technical inspection with all tyres that can be expected to be used in the race, i.e. even with a wet set on the rims, wheel chocks are allowed. A spare wheel is not compulsory.**



The widest point of the complete wheel must not extend beyond the widest point of the car fender in the plan view.

(see picture)

IV. 5.BRAKES

The braking system is arbitrary provided it includes at least two independent circuits operated by the same pedal.

IV.6.Steering

Steering may be arbitrary.

IV.7.ENGINE

All cars must use the engine for the make and model of the car. The material of the engine mount is optional, the engine mount location must remain original. Otherwise, all modifications are unrestricted, only the engine content must match the class classification.

IV. 8.CLUTCH

Material and number of blades optional.

IV. 9.TRANSMISSION

Number of gears and gear ratios arbitrary, shifting system arbitrary.

**IV. 10.DIFFERENTIAL**

**A self-locking differential is permitted.**

**IV.11.DRIVE**

**The drive concept must remain as on the original vehicle.**

**IV. 12.ELECTRONICS, ENGINING**

**Optional. Battery optional, may be relocated but must be properly secured to withstand the impact of overloading the vehicle. Starting must be with an electrical source in the vehicle, controlled by the driver seated behind the wheel. The disconnector must also be operated from outside the vehicle and marked according to the FIA.**

**IV.13.FUEL, FUEL**

**The tank is original stock or a racing tank with homologation may be used. Fuel only petrol and diesel and additives are arbitrary. Fuel lines and pump must be located outside the interior of the car.**

**IV. 14.EXHAUST**

**The exhaust manifold, including the headers, is optional. The rear outlet must not exceed the body contour by more than 10 cm. Exhaust gases may only exit at the end of the system. The side exhaust outlets must not extend beyond the body contour at all. It complies with the maximum noise level limits, which are set at 100 dB +-2 dB.**

**IV. 15.MANDATORY RIDER SAFETY EQUIPMENT**

**IV.15.1. A protective frame is not required, but if not installed it is mandatory to maintain the original reinforcement in the driver and passenger doors. The driver's door will be fitted with the original trim or a cover without sharp edges and with a view.**

**IV.15.2.**

**The safety frame shall be constructed of seamless steel tubing and shall be of a shape and fitting to match any of the views shown. It shall be constructed to FIA specification 'J' for contemporary vehicles.**

**Basic safety frame:**



IV.15.3. An electrical disconnector is not mandatory, but recommended, and is operated from inside and outside where it is marked by a blue triangle with a red flash. It must be wired to switch off the started engine, not just disconnect the battery.

IV.15.4. Anatomical sports seat not mandatory but recommended, four to six point seat belts with FIA homologation (even lapsed) REQUIRED. Body mounting points, two for lap belt, two or one symmetrical with the seat for shoulder belts. It is FORBIDDEN to attach seat belts to seats or seat belt holders.

IV.15.5. A working 2 kg fire extinguisher mounted to withstand overloading in the event of a vehicle impact. It shall also be fixed in such a way that it can be released if necessary without the use of any tools. With a valid inspection test!!! A fire extinguishing system is recommended.

IV.15.6. Rider's equipment - helmet approved for road use, overalls, full-finger gloves, closed shoes. Non-flammable underwear is recommended.

IV.15.6. Towing eye marked with a red arrow on the front and rear.

WHAT IS NOT ALLOWED IS FORBIDDEN!!!

The organizer reserves the right to reassign the vehicle to another group after technical acceptance. The organizer also reserves the right to change or amend the technical regulations at any time during the season, the change will always be announced in advance by an addendum.

In case of necessity or in case of doubt, please call the organizer

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