

ESTONIAN DRIFT SEMIPRO TECHNICAL REGULATIONS 2022

Safety and additional regulations for SEMIPRO class cars and drivers.

All the modifications of Semipro class cars, which are not specified, must meet the technical requirements of the Pro class.

1. SAFETY CAGE

1 The fitting of safety cage or rollbar is compulsory. Mountings of the rollbar can be bolted. Rollbar must be made of cold drawn seamless unalloyed carbon steel tube. The fitting and the documentation according to Pro class minimum requirements and FIA Sporting Code Appendix J Art. 253.8.

2 The fitting of safety cage according to FIA Sporting Code Appendix J Art. 253.8 is compulsory for cars with EASU technical card.

3 Starting from 2023 all the cars must have safety cages according FIA Sporting Code Appendix J Art. 253.8

4 The main rollbar must be covered with flame retardant padding with minimum thickness 15 mm. Safety cage tubes less than 40 cm from the head of the drivers must also be covered with flame retardant paddings.

2. SAFETY REGULATIONS

2.1 SEATS

1 Seats must be homologated at least by the FIA standard 8855-1999 and may be used after their expiry date, provided that their framework is not deformed, supports not detached and that there are no significant damage or tears in the cover fabric.

2 In the cars with rollbar only seats with moving backrest and original OEM safety harness can be used. Original, industrially manufactured seats may be replaced with another manufacturer (Recaro, Sparco etc) seats. Valid until 31.12.2023.

3 If the original seat attachments or supports are not used, seats must be fixed to the two square tubes (min.35x35x2.5mm) or circle tubes (min 35mmx2.5), which are welded into cross member between bodyshell lower rail and central tunnel wall. All anchorage points must be reinforced with end plates (area 40 cm², thickness 3 mm). Cross member tubes and end plates must be from same material as bodyshell. In the case of light alloy bodyshell, end plates can be made from aluminium. Length of the end plate one side must be at least 60 mm. It is highly recommendable to fix seats in conformity with FIA drawing 253-65B. Seat's side anchorage points thickness must be at least 3 mm in the case of steel or 5 mm in the case of light alloy. It is prohibited to use any adapters or insets between original mountings and seat anchorage points unless except for seat anchorages and frames specified by the seat manufacturer.

2.2 SAFETY HARNESS

Safety harness according to FIA Technical List No 57 and 24. Expiring date may be exceeded by 2 years.

2.3 DRIVERS EQUIPMENT

During the competition all drivers must wear FIA homologated fireproof overalls as well as gloves, long underwear, a balaclava, socks, shoes and helmet according to FIA SC Appendix L Art III. Safety equipment can be used five years after their expire date. In cars with safety cage using the HANS support is compulsory.

Driver's helmet according to FIA Technical List No 25.

Front Head Restraint systems according to FIA Technical List no 29.

2.3.1 Passenger

1. It is prohibited to drive with passenger in cars fitted with only rollbar.
2. Driver, who wish to drive with passenger during the free practice, must have passed special scrutineering and have a special note on the "Ready to Drift" sticker.
3. Special requirements for cars driving with passenger:
 - Passenger's seat must be fitted
 - Passenger's seat attachments and safety harness must be in compliance with requirements of the driver's seat.
4. Passengers safety equipment: full-body covering non-flammable clothing, helmet with the same specification as the driver's, closed-type shoes, socks covering ankles and gloves.

3. ELECTRICAL SYSTEM

1. The battery is free, the rated voltage must be maintained.
2. If battery is installed in the cockpit, only dry type battery can be used and it must be situated behind the base of the driver's or codriver's seat. Should the battery be moved from its original position, it must be attached to the body using two metal clamps with min M8 bolts. Mounting points to the bodyshell must be strengthened with plates at least 3 mm thick and with a surface of at least 20 cm².
3. General circuit breaker is mandatory in cars which original electrical system is modified. Outside triggering system of the circuit breaker must be marked according to FIA SC Appendix J Art 253 by a red spark in a white-edged blue triangle.

4. TYRES

1. Front tyres are free.
2. Only the street legal rear tyres is allowed.
3. It is not allowed to use "UHP" (ultra high performance), performance, semi-slick and full slick tyres.
4. Using of retreaded tyres is prohibited.
5. Eligibility of the tyres is checked during the competition at the Line-up area.
6. Maximum tread width of the rear tyres is 225 mm.
7. In the season 2022 it is prohibited to use performance, semi-slick or full slick tyres. If you have doubts about tyres you intend to use, please send the questions to tehniline@drifttime.ee to avoid unnecessary problems at the scrutineering. If the driver violating the tyre regulations, scrutineers can eliminate the driver even from line-up.

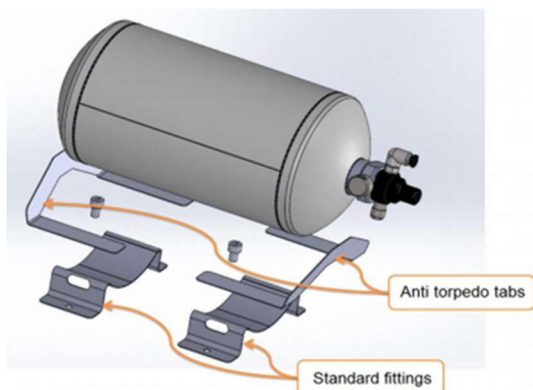
5. TECHNICAL CARD

1. From 2020 all the cars of the Semipro class must have technical card of Estonian Autosport Union and cars with rollbar must have amateur sport technical card.
2. In the Semipro class, cars with rebuilt axle attachment points or non-load-bearing structures can be used.
3. Modifications to the load-bearing structures of the body (half-frames, door pillars, cardan tunnel) are prohibited, except for unavoidable modifications for axle mounting points or gearbox installation (Pro class technical regulations p.2.1.1).
4. All the modifications must be of high quality. The quality of the construction is assessed by the scrutineers.
5. All additions, modifications and solutions of which by the scrutineers is deemed to be dangerous, is considered dangerous, and the participation of such a car in the race shall be decided by the Clerk of the Course on the basis of a report from the scrutineers.
6. Cars with tubular frame is prohibited.
7. All shortcomings of the cars are entered on the technical card and cannot be competed for before they are eliminated. The rectification shall be checked only by the scrutineers.
8. Process of applying of the technical card: please contact to EASU Technical Commission, make an appointment when and how your car will be inspected, the related costs will be paid by the applicant. After the scrutineering you can fill the application form on the EASU website.

6. FIRE EXTINGUISHER

6.1 FIRE EXTINGUISHERS / FIRE EXTINGUISHING SYSTEMS

1. Fire extinguishing systems are recommendable.
2. In all Estonian Drift Championship classes is recommendable to use 1 or 2 fire extinguishers according to FIA SC Appendix J Art 253.7.5.3
3. All the cars using E85 bioethanol fuel must be equipped with 2 (two) 2 kg fire extinguishers or with fire extinguishing systems.
4. All the fire extinguishers must be fitted and protected according to regulations.
5. Fittings must be able to withstand a deceleration of 25 g.
6. It must be secured by a minimum of 2 screw-locked metallic straps.
7. Anti-torpedo tabs are required.



7. FUEL TANK

1. Original fuel tank can be replaced with FIA FT3 1999, FT 3,5; FT5 või SFI Spec 28.1, 28.2, 28.3, 32.1 safety fuel tank or other fuel tanks specified for autosport. Such fuel tanks must be labelled with:

- name of the manufacturer
- model and the serial number
- manufacturing or expiring date

If these data are not available, the fuel tank must be submitted to the EASU Technical Commission before installation in the car in order to receive the required marking.

2. Safety fuel tank must be located behind of the main rollbar and separated from cockpit with leak-proof and non-flammable cover or container. If the FIA standardised connectors not used, filler neck must be fitted to external surface of the car. The fuel tank air vent(s) must be equipped with non-return and closing valves.

3. All the fuel tanks can be used 5+2 years after expiring date or until NOT VALID AFTER date.

4. It is allowed to use original OEM fuel tank with original mountings.

5. Cars with bioethanol fuel must have E85 sticker:



8. EXHAUST SYSTEM

The noise level must not exceed $100 \text{ dB} + 5\%$ at 4500rpm, measured at a distance of 0,5 m from the end of the silencer at an angle of 45 degrees at 4500rpm in "A" and "SLOW" mode.

Any questions about technical matters, please contact tehniline@driftime.ee

Representative EDL scrutineering:

Henri-Robert Saliste tehniline@driftime.ee +37256927300

If you have any questions regarding the technical card of the car and its application, please contact EASU Technical Commission: tehniline@autosport.ee

Drift representative at EASU Technical Commission:

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