

# APPENDIX 1

## TECHNICAL REGULATIONS 2020

### Formula 3 & Formula Renault 2.0

---

#### General:

These are the Technical Regulations of Formula 3 & Formula Renault cars competing as a part of Formula Open Finland in 2020, together with Finnish National Racing Championship (Rata SM),

#### 1. Eligible Cars / Chassis

- Formula 3 cars of 2014, 2015, 2016, 2017 and 2018 correspond with the FIA F3 Regulation.
- All Formula 3 cars from 2002 up to inclusive 2013, must be in accordance with the FIA regulations and correspond to appendix J of FIA ISC article 275 (Formula 3) or art. 277 (Formula free) of the years of construction (models);  
**Formula 3 cars from Euro Formula Open must be in accordance with the regulation for, Euro Formula Open of 2018 or 2019** Exceptions:
- Formula 3 vehicles built until 2012 with driver on board including his personal drivers' equipment is not allowed to be less than 555 kg at any time of the event.
- Formula 3 vehicles constructed from 2012 to 2018 with a permissible engine must be in accordance with the FIA weight regulations of 2016 (565 kg minimum weight including the driver wearing his full equipment).

#### Eligible Engine:

- FIA homologated engines for F3 from 2013 on with 28 mm restrictor are not allowed
- All FIA homologated Formula 3 engines up to incl. 2013 with Air restrictor max 26 mm
- Opel OPC with Air restrictor max 27 mm
- Fiat FPT Regulations 2012 (F3 Italy) with Air restrictor max 31 mm
- Toyota engine 3S-GE-SXE10 with the specific configuration for F3 Open 2015 with Air restrictor max 31 mm
- VW Powerengine with 39 mm restrictor

#### ECU, Motronic and Data recording:

- For F3 cars 2002 up to incl. 2013 is optional.

Formula Renault 2.0 must apply with the technical regulations of NEC respective, of the years of construction (models). Updates are allowed.

#### Classes:

- F3 (all F3)
- Formula Renault 2.0 (2000 incl. 2019)

#### 2. Tyre Regulations

Only tires used in Formula Academy Finland (F4) are allowed. Tires will be collectively provided by the Promoter of Formula Academy Finland; in 2020 tires will be Hankook.

Any modification or treatment including cutting, grooving, the application of water, solvents or softeners, the use of heat retaining (and/or cooling) devices or pre-heating/cooling is prohibited. This applies to both wet-weather and dry-weather tyres.

Drivers may use no more than one set of used and one set of new tires for every race weekend of two races. However, depending on the weekend structure, more tires may be used, but under control and decision of the Promoter of Formula Academy Finland.

With the exception of the races, wet-weather tyres may only be used after the track has been declared wet by the race director or the promoter, following which wet or dry weather tyres may be used for the remainder of the relevant session.

### 3. Weights

The official scale of the event organiser/Coordinator is recognised to determine the weight of the vehicle. Each participant has the opportunity to weigh his vehicle at this scale and adjust the weight if it is necessary.

**a) Formula 3:** The minimum weight of a Formula 3 vehicle, year of construction up to incl. 2011, with driver on board including his personal driver's equipment is not allowed to be less than **555 kg** at any time of the event. Formula 3 vehicles from 2012 up to 2018 with driver on board including his personal drivers equipment is not allowed to be less than **565 kg** at any time of the event. Euro Formula Open cars **578 kg** minimum weight including the driver wearing his full equipment.

**b) Overall height for Formula 3 vehicles:**

With the exception of the roll over bar, no part of the vehicle is allowed to be higher than 930 mm above the ground with driver on board. However, parts of the roll over bar, that are higher than 930 mm above the have to be designed not to cause any aerodynamic influence on the vehicle.

**Formula Renault 2.0:** The minimum racing weight for Formula Renault 2.0 models, 2000 – 2009 with driver on board, including his personal driver's equipment is not allowed to be less than **570 kg** at any time of the event.

- Racing weight: The minimum racing weight of a Formula Renault 2.0, 2010 model may be no less than **595 kg**, including the driver and his/her equipment.
- The minimum racing weight of a Formula Renault 2.0, 2013 model may be no less than **581 kg**, including the driver and his/her equipment.

### 4. Telemetry

The transmission of data between a moving car and anyone connected with the entry of that car, or radio between the driver and the crew, is prohibited. Datarecording is admissible.

### 5. Drivers' Classification

All races conducted are counting for the final rating.

**Scale of points**

Place:	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
Points:	25	18	15	12	10	8	6	4	2	1

The driver with the highest total number of points in his class after the very last race event of the season is the winner.

### 6. Changes

If changes regarding this tender are required for better implementation or security, these changes will be communicated to the participants via bulletin.