



**HUNGARORING**



## **Supplementary Regulations 12H Hungary, 21-22 May 2011**

(Version 29 April 2011)  
(Pending approval of the federation)  
ASN permit: K-181/2011



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### **Article 1 Event information**

Name Event: 12H Hungaroring 2011  
Track: Hungaroring, Hungary  
Date Event: 21 and 22 May 2011  
Type of Event: Foreign Organiser's Event in Hungary (National open event, with authorized foreign participants)  
Classes: Touring, GT and 24hSpecial according: Sportive and Technical Regulations

### **Drivers Eligibility:**

The race will be open for any driver with minimal an EU/National license.

As mentioned in the Sporting&Technical regulations: Foreign competitors must submit the authorization of their ASN (see art. 70 ISC).

**ASN Permit:** K-181/2011

### **Article 2a Sporting Authority (ASN)**

MNASZ – National Automobilsport Federation of Hungary  
H-1146 Budapest  
Istvánmezei út 1-3.  
Magyar Sport Háza  
Hungary

### **Article 2b Organiser**

Fönix Motorsport  
H-2151 Fót, III. Béla király u. 5.  
Hungary

### **Co-organiser:**

Hungaroring Sport Plc.  
H-2146 Mogyoród, Hungaroring

### **Article 2c Promotor**

Promotor – Postal Address  
Creventic BV  
PO Box 40  
6590 AA Gennep  
The Netherlands

### **Promotor – Contacts**

Creventic BV  
Gerrie Willems  
Phone: +31 (0)485-471166  
Telefax: +31 (0)485-471127  
E-Mail: willems@creventic.com  
Internet: www.24hseries.com

### **Article 2d Circuit**

Hungaroring,  
Budapest, Hungary  
Grand Prix Circuit  
(length: 4,381 km run in clockwise direction)



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## Article 2e Organising Committee

On behalf of the Organiser: Gerrie Willems

On behalf of the Organiser: Csaba Walter

On behalf of the Organiser: Ria Waterreus

## Article 3 Locations

Parc Fermé:	Around the Scrutineering Area
Driver's Briefing Room:	Main Building
Official Notice Board:	Outside wall (below control tower)
Steward's Office:	Control tower
Assembly Area/Pre-Grid:	Area close to control tower

## Article 4 Officials

Chairman of the Stewards:	Lajos Herczeg	(License No. 5006)
Steward:	András Kassai	(License No. 5007)
Steward:	György Kóvári	(License No. 5008)
Race Director:	Martin vd Pavert	(License No. 22314)
Clerk of the Course:	Paul Dyson	(License No. 1632)
Assistant of Sporting coordinator	Andrea Horváth	(License No. 1791)
Secretary of the Meeting:	Ria Waterreus	(License No. 4000)
Chief of the Marshals:	Tamás Zettner Jr.	(License No. 1925)
Chief Medical Officer:	László Pék MD	
Chief Timekeeping:	József Kenéz	(License No. 4991)
Chief Scrutineer :	Armin Kolmsee	(License No. 1046249)
Scrutineer:	Leo Schaap	(License No. 22130)

## Article 5 Regulations

The following regulations will be used:

1. FIA International Sporting Code and Appendices (ISC)
2. These Supplementary Regulations
3. Sporting and Technical Regulations
4. The specific Technical and Sporting Regulations of the participating support races
5. All entrants undertake to respect these regulations by participating in the event.

For the 12h race:

The lights on the car must be switched on at the sign "LIGHTS ON" (This is expected about 20.30hours)

Reflecting start numbers

The organization will provide reflecting start numbers.

Due to the fact almost the complete race will be during daylight, different then mentioned in the sporting & technical regulations (Chapter II art. 3.8) illumination of the start numbers is not obligatory. Therefore illuminated back panels for the start numbers are not obligatory.

## Minimum Reference lap time regulations and class overview

See Sporting & Technical Regulations, Appendix 7.





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## **Article 6 Track and conditions of practice/race**

a. Maximum number of cars allowed to start:

	Race	Practice
Cars (12h race):	60	70

b. Access to the track

Practices, Qualifying practices and the races

For drivers with a pit box through the pit lane.

For all other drivers through the Assembly Area/Pre-Grid (area close to control tower).

## **Article 7 Scrutineering and Parc Fermé**

See Sporting and Technical Regulations of the specific race

## **Article 8 Entry: closing date and acceptance**

This event is open for drivers according to: see Sporting and Technical Regulations of the specific race.

As specified on the entry form the entry closes 1 May 2011

Acceptance of the entry will be send no later than 15 May 2011. Under particular circumstances the forwarding of the acceptance may be postponed.

The fee required (see entry form and/or confirmation of participating) has to be paid before the event (an entry not accompanied by the fee shall be null and void).

## **Article 9 Collection of documents/Administrative Control**

See official time schedule.

The entrant and the driver, or their officially nominated representative must be present at the place and the time indicated for the administrative/licence-control and afterwards for the scrutineering.

At the administrative checking the entrant and driver must show a National or International driver's and – if applicable – an entrant's licence. Drivers from abroad need an authorisation of their ASN (ISC Art. 70). Drivers from abroad with a National license with a EU flag on the license, can take part without the need for special authorization (ISC Art. 47b).

At the licence control the entrant will receive the scrutineering forms (control card).

The driver must sign the 'responsibility clause' (according to the General regulations concerning racing contests).

## **Article 10 Time schedule: Scrutineering, Timed Practices/Qualifying and Races**

See official time schedule.



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## Article 11 Start

The starting procedure will be explained at the driver's briefing.

*Touring, GT and 24hSpecial according to Sporting and Technical Regulations*

Rolling start

Starting grid: in a 2x2 formation

Pole position: left

A rolling start is the manner in which the race will commence.

**Different then mentioned in the Sporting&Technical Regulations there will be only ONE warm up /formation lap.**

Warming up of tyres is allowed till TURN 11. After TURN 11, cars must line up (2x2 formation) for the start. From then it is forbidden to make zigzag manoeuvres. And the distance with the car in front of you must be no longer then 3 car lengths.

When the course car has pulled away the Pole Position car will be responsible for maintaining the speed towards the start/ finish line (approx 60 km/h).

The signal for the start of the race can be given from this moment on. The leading cars will remain their speed (of approx 60km/h) until the RED start-light is switched OFF.

Overtaking is allowed when you have **passed** the start/finish line.

## Article 12 Cooling down lap (after the finish-flag)

All classes will drive a complete cooling down-lap after timed practices and races and leave the track at the entry of the pit lane (marshals can show a red flag), exceptions can be made by the Clerk of the Course/Race Director, which will be announced during the Driver's Briefing.

## Article 13 Protests

In addition to art. 173 (Chapter XII) of the FIA International Sporting Code protests have to be addressed to the Secretary of the Meeting instead of to the Clerk of the Course. In absence of the Secretary of the Meeting, the Clerk of the Course and their assistants such protests should be addressed to any of the Stewards of the Meeting.

Protest fee/ Technical fee: € 1.000

Appeal fee: € 1.500

## Article 14 Pit regulations

- All pit garages must be kept closed to avoid unauthorised persons passing through to pit lane, fines may be imposed by the Stewards of the Meeting on offenders.
- Refuelling in pitbox and the area behind the pit boxes is not allowed during practice and race.
- It is not allowed to smoke or use open fire in the pit boxes, in the pit lane and on the roof of the pit building.
- The maximum speed in the pit lane is 40 km/h at all times – it will be controlled by a radar.
- Access to the pit: minimum age is 16 years.
- The pit lane has been divided into two lanes. The lane closest to the pit wall/track is designated the 'fast lane' and the lane closest to the pit boxes is designated the 'inner lane' or 'working lane', and is the only area where any work can be carried out on a car.
- The corridor (Safety-lane) between the fast lane and the working lane may only be crossed to go to and come from the working lane and is only accessible to pit lane-officials.
- Competitors must not paint lines on any part of the pit lane.
- No equipment may be left in the fast lane. A car may enter or remain in the fast lane only with the driver sitting in the car behind the steering wheel in his normal position, even when the car is being pushed.



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- j. Team personnel are only allowed in the pit lane immediately before they are required to work on a car and must withdraw as soon as the work is completed.
- k. Any change of drivers may only take place in the pit of the team or in the working area of Pit lane before the pit assigned to the team.  
Pit stops, driver changes, refueling and time penalties must be administrated by the teams. This is the responsibility of the teams. This information must be made available to the Clerk of the Course and/or officials on request and must be accountable. For this purpose the organization will provide so called YELLOW CONTROL CARDS.

### **Article 15 Driver's briefing & Team managers briefing**

A briefing will be held for all classes, this will be published on the official notice board and/or in the time schedule. All team managers, drivers and entrants in that class are obliged to attend this briefing. The Stewards of the Meeting may sanction non or late attendance.  
For date, time and location: see official time schedule.

### **Article 16 Scrutineering (TC)**

If the car is deemed not to be in accordance with the regulations, the driver may not compete in practice/race. It is possible to have a second check.  
If the car has been considered as according to the regulations on the points checked, the car will receive a non-removable (TC 2011) sticker. Only this sticker (as published by the TC) indicates that the car is allowed to participate. Without this sticker, the car may not participate in practice/race.

Drivers equipment

Frontal Head Restraint (FHR) system is compulsory as stated in the Sporting & Technical Regulations.

### **Article 17 Fuel/Checking on fuel**

See Sporting & Technical Regulations, Article 21.3.1A

### **Article 18 Tickets/Passes**

Every person (drivers, team members, officials, press etc.) who enters the pit area must at all times wear his ticket/pass visible, in a way that the controlling officials can at any time without problem see whether this person has the right ticket/pass. If a person is not wearing his ticket/pass visible, he may not enter the pit area.

### **Article 19 Timekeeping**

Every car shall be timed at the start/finish line after completion of the first and subsequent laps with a transponder. All cars have to be equipped with a transponder, which must be mounted in the car at the right place.

Malversation or obstruction of the rules mentioned in this article will lead to exclusion and shall be reported to the Stewards of the Meeting.

Code 60 lap time is 4 minutes and 23 seconds (circuit 4,381 km).

### **Article 20 Signalling**

Information and instructions will be transmitted to the drivers by means of the signals provided for in Appendix H of the FIA International Sporting Code.

For the 12h race also the purple code 60 flag is applicable, for details see Sporting and Technical Regulations.



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## **Article 21 Noise and environmental regulations**

Apart from the Hungaroring noise rules, to show respect to the circuits neighbors, all competitors need to explicit acknowledge by signature on the entry form their entered race car will NOT exceed the following noise limitations.

The following limit values may not be exceeded:

### **For 12h Hungary:**

For all classes: 103dBA measured according to the official FIA sound measuring method.

Measurements will be made at 0.5meter from the end of the exhaust pipe with the microphone at exhaust outlet level at an angle of 45degrees with the exhaust outlet. Where more than one exhaust outlet is present, the test will be repeated for each exhaust and the highest reading will be used. In circumstances where the exhaust outlet is not immediately accessible, the test may be conducted at 2.0m from the centre line of the vehicle, with the microphone 1.2meter above the ground. Measurements should be made outdoors with no large reflecting objects (e.g. walls etc.) within 3.0meter (in the 0.5meter test) or within 10.0meter (in the 2.0meter test).

Background sound levels should be at least 10db(A) below the measured level.

With distances from 2.0meter to 8.0meter it is necessary that there be a minimum of 20.0meter radius open flat space around the vehicle. Where possible measurements should be taken as close as possible to the vehicle, at the defined distances, to avoid background noise.

During this noise test, cars should run their engines at 75% of there maximum RPM.

Following authorities' decision, all engines must be stopped between 22:00 and 6:00 hrs, except during the race.

## **Article 22 Race Director**

The Clerk of the Course shall work in permanent consultation with the race director. The Race Director shall have overriding authority in the following matters and the Clerk of the Course may give orders in respect of them only with his express agreement:

- a. the control of practice and the race, adherence to the timetable and, if he deems it necessary, the making of any proposal to the Stewards of the Meeting to modify the timetable in accordance with the ISC or the Sporting Regulations of the participating classes
- b. the stopping of any car in accordance with the ISC or the Sporting Regulations of the participating classes;
- c. the stopping of the practice or the race in accordance with the Sporting Regulations of the participating classes if he deems it unsafe to continue and ensuring that the correct restart procedure is carried out
- d. the starting procedure
- e. suspending a race



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### **Article 23 Tyres**

Tyre brand is free.

However Dunlop, as official tyre partner for 12H Hungary 2011, is the preferred tyre supplier. Dunlop will provide technical and tyre fitting service at the circuit.

Teams running on Dunlop tyres must have Dunlop stickers (will be provided) affixed on all 4 corners of the car.

Dunlop tyres can be ordered at:

Musko Racing

Kees Konings

Mobile: 0031-620139069

Email : [kees@muskoracing.nl](mailto:kees@muskoracing.nl)

### **Article 24 Supplementary Regulations**

Any changes or supplements to these regulations will be published on the official notice board.

Appendices:

Time Schedule

Plan of the Circuit

Plan of the Paddock





## Time schedule

**Time Schedule 12H Hungary-Hungaroring, Budapest**  
**Touring-cars, GT-cars and 24H Specials**  
**21-22 May 2011**

### Saturday 21 May 2011

10:00-18:00	Paddock Open
10:00-22:30	Welcome Centre Open
10:00-18:00	Unloading the trucks/ containers and preparing the Pit-Boxes
10:00-17:00	Administrative checks/registration
12:00-17:00	Scrutineering
<b>16:00-16:30</b>	<b>Drivers and Teammanager Briefing</b>
<b>18:00-19:15</b>	<b>Free Practice 12H Hungary</b>
<b>19:30-20:45</b>	<b>Qualifying 12H Hungary</b>
<b>21:00-22:00</b>	<b>Night Practice 12H Hungary</b>

### Sunday 22 May 2011

<b>08:00-08:45</b>	<b>Warming up 12H Hungary</b>
09:10	Start grid 4 <sup>th</sup> 12H Hungary
09:30	Pit lane exit closed
<b>10:00 hours</b>	<b>Start of the 4<sup>th</sup> 12H Hungary</b>
<b>22:00 hours</b>	<b>Finish of the 4<sup>th</sup> 12H Hungary</b>
22:15	Publication of Results
22.15	Podium ceremony (OVERALL WINNERS & ALL CLASSES)
22.00-02.00	Loading of the trucks/containers
02.00	Closing of the 4 <sup>th</sup> edition 12H Hungary 2011

*(Subject to changes!)*

*Revision: 11 May 2011*