



# Futaba cup 2024 Technical Regulations

(May change without a notice.)

- 1) PORSCHE(Thailand) CUP(TT02) Class
- 2) Touring Car “Non Boost” Class (17.5T)
- 3) FWD Class(17.5T)
- 4) Touring Car Stock “Open B/L” 13.5 Class
- 5) Tamiya Buggy BBX Class **ฟรีค่าสมัคร**

## Futaba cup 2024 GENERAL REGULATIONS:

### PERSONAL TRANSPONDER:

Organizers run an AMB Counting System compatible with both AMB square type Transponders and Personal Transponders.

**Driver's Car and Battery should pass inspection before the race.**

## Technical Regulations for “Non Boost” Class:

Entry Fee: 600 Baht

IFMAR ISTC 1/10 EP Touring Car will be used for this event. The additional regulations are as following: Should be on the market

- Body List allowed

- 1 51453 SUMO POWER GT-R
- 2 51563 RAYBRIG NSX CONCEPT-GT
- 3 51575 BRZ R&D SPORT'14 FUJI
- 4 51584 MOTUL AUTECH GT-R
- 5 51586 HONDA NSX
- 6 51590 Mercedes-AMG GT3
- 7 51614 FORD MUSTANG GT4
- 8 51678 AU TOMS GR SUPRA
- 9 51689 OPEL CALIBRA V6 CLIFF
- 10 51705 PORSCHE 911 GT3 992
- 11 51664 2020 FORD GT Mk II (Must be used withTamiya Hop-Up Options Aluminum Adjustable Wing Stay item 54510)
- 12 51693 MCLAREN SENNA (Must be used withTamiya Hop-Up Options Aluminum Adjustable Wing Stay item 54510)

\*\*\*Tamiya Hop-Up Options wings are allowed No Modification Body and Wing **(Original drill a hole where Mark's made it body)**

HANDMADE WINGS ARE NOT ALLOWED.

1.1 - Tires, motor and battery cannot exceed the bodyshell limits when viewed from above.

1.2 - The mirrors and windows must be left clear or smoke color.

1.3 - The bodyshell must be painted.

1.4 - The Front and Rear lights of the car must be represented (by paint or supplied stickers).

1.5 - The standard body wings and spoilers can be used.

No Minimum ride height.

1.6 - Only one wing is allowed, fitted in the same place as the wing on the original car.

## 2. CHASSIS AND DRIVE TRAIN

- Only four (4) wheel drive transmission type is allowed for this event.

## 3. WEIGHT

- The weight of the car, ready to race including timing equipment (transponder), at any time of the race shall be: 1320g MINIMUM.

## 4. BATTERIES APPROVAL

4.1 - Maximum 6 cells 7.2V Sub-C NiCd/NiMH or Maximum 2 cells 7.4V-7.6V Lipo.  
MAXIMUM VOLTAGE : 8,44 V Before Race.

4.2 - Batteries must be available in the market and have a recognizable brand name.

4.3 - Battery aids for servo can be installed but may not assist the driving system in any way at any time of the race.

4.4 - LiPo main batteries MUST be charged in a closed 'LiPo Safety Bag' at all times.

4.5 - Motors - **Hobbywing XeRun Justock Handout Spec Sensored Brushless Motor 17.5T** Modification not allowed.

4.6 ESC –only ESC that is not equipped with boost/turbo is allowed  
. Must keep its original capacitor and wires.

5. TIRES : Ride New Slick Tire No.26404 . Driver must use control tire. no Modification

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## Technical Regulation TC “Open B/L” Class:

Entry Fee: 600 Baht

IFMAR ISTC 1/10 EP Touring Car will be used for this event.

### 1. Bodysell Appearance:

1.1 - Cars must be 1/10th scale Touring Car 4 doors, which are available on the market.

1.2 - No part of the chassis, including wheels/tires/motor/battery or electronic equipment may protrude outside the body shell limits when viewed from above.

1.3 - The standard body wings and spoilers can be used. Optional wings are allowed as long as they meet the requirements.

1.4 - On the body of the car no extra holes allowed, except the following: antenna pipe, body mount and transponder, which are not over 10mm in diameter.

1.5 - Dimensions: Maximum width without body 190mm.

Maximum width with body 200mm.

Maximum wheelbase 273mm.

Rear Wing should be lower than Roof Top

Rear Cutline should be cut by manual.

Wings not over 10mm than Rear body.

No Minimum ride height.

### 2. Chassis and Drive Train

- Only four (4) wheel drive transmission type is allowed for this event.

### 3. Weight

- The weight of the car, ready to race including timing equipment (transponder) at any time of the race shall be: Minimum weight **1,320g**

### 4. Wing

- See IFMAR ISTC 1/10th Touring Car Regulation for Wing and side Dams dimensions.

### 5. Batteries Approval

5.1 - Battery Max. 6 cells 7.2v Sub-C NiCad, NiMH or Lipo 2 cells 7.4-7.6v Hard Case.

- MAXIMUM VOLTAGE : 8,44 V Before Race.

5.2 - Batteries must be readily available in the market and have a recognizable brand name.

5.3 - Battery aids for servo can be installed, but may not assist the drive system in any way.

5.4 - LiPo drive batteries MUST be charged in a closed ‘LiPo Safety Bag’ at all times.

### 6. Motors

- Must be selected from sponsor products. Only 13.5T must be over( 0.018Ω)

### 7. Tires : Sweep Racing Tire. No glued Tire.

Only TITC Logo(2024) Tire can use for race.

(no modification allowed on wheels and/or tires)

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## FWD Class:

Only the front wheels of the car are allowed

1. Entry Fee 600 Baht
2. Tire Ride New Slick Tire No.26404 No Modification
3. Motor 17.5T (0.035  $\Omega$ ) must be available in the market
4. ESC ESC –only ESC that is not equipped with boost/turbo is allowed. Must keep its original capacitor and wires.
5. (capacitor and wires must remain original)
6. Body must be available in the market for FWD only

Only original wing and Body are allowed

6. Gear ratio (Minimum 4.0 Final gear ratio is allowed, Cannot be lower than 4.0)
7. Weight Minimum Weight 1,250g

# **PORSCHE(Thailand) CUP(TT02) Class**

*Entry Fee: 600 Baht*

Only Tamiya TT-02, TT02R, TT02RR chassis is permitted in this class.

TT02S is NOT ALLOWED in this class.

1. Motor should be Tamiya#54612 15.5T Brushless Motor.No modification  
MAXIMUM 2600KV (0.037Ω)
2. ESC: Only TAMIYA 04SR SENSORED BRUSHLESS ESC
3. Minimum permissible weight of car when ready to run is 1,400g with a transponder.
4. Cars do not have to be equipped with cockpit detail or a driver figure.
5. Gear No modification. Gear ratio Spur Gear 64T ,PinionGear 29T =Gear ratio 5.74:1
6. Hop-Up Option only Tamiya for TT02 (TT02S not allowed)
8. Tire ITEM 51023 TAMIYA MEDIUM-NARROW RACING RADIAL TIRES no Modification
9. wheel only Tamiya 24 MM

Only 2 Body List are allowed original wing and Body are allowed **(Original drill a hole where Mark's made it body)**

- 1.51543 PORSCHE 911 CARRERA RSR
- 2.51705 PORSCHE 911 GT3 992

Batteries ONLY TAMIYA LIFE ITEM 55102 is ALLOWED  
MAXIMUM VOLTAGE : 7.2 V Before Race.

**PORSCHE CUP(TT02)**  
**By AAS MOTOR SPORT Class**  
**Tire and Inner Should use 51023 only.**  
**Body contest 3 prize**

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## CAR REGULATIONS of BUGGY BBX Class

### ฟรีค่าสมัคร

Only Tamiya BBX chassis class.

1. Motor should be Tamiya#54612 15.5T Brushless Motor No modification MAXIMUM 2600KV (0.035Ω)
2. ESC: Only TAMIYA 04SR SENSORED BRUSHLESS ESC
3. Minimum permissible weight of car when ready to run is 1,600g with a transponder.
4. Gear No modification. Gear ratio Spur Gear 86T, PinionGear **MAXIMUM 27T**
5. Hop-Up Option only Tamiya for BBX chassis no Modification
6. Tire Tamiya for BBX chassis no Modification
7. wheel only Tamiya for BBX chassis no Modification
8. Batteries ONLY TAMIYA LIFE ITEM 55102 is ALLOWED  
MAXIMUM VOLTAGE : 7.2 V Before Race.

**\*\*\*คำตัดสินของกรรมการถือเป็นที่สุด\*\*\***