



## Technical Regulations – Time Trial for Motorscooters 2021

date: 06.04.2021

Version: V05.2

<u>Class 1</u>	<u>Class 2</u>
Manual Transmission scooters. No year of manufacture limitations. Minimum cylinder capacity: 120ccm.	Automatic Transmission scooters. No year of manufacture limitations. Minimum cylinder capacity: 65ccm. Maximum tire size: 13 inch.

A valid registration for road use is not a prerequisite. However, in the case it is a road-going vehicle, many of the technical requirements will already be in compliance. Technical inspection will be carried out before the race by the Marshals and encompasses the following points:

- Special attention will be given to Oil, Gasoline and Coolant leakages.
  - Oil drain/fill plugs must be secured with a wire or other mechanical device. See appendix 1
  - Fuel tanks must have solidly closing lids, fuel lines/hoses must be secured with appropriate hose clamps
  - In the case of manually operated fuel petcocks, "FUEL OFF" must be clearly marked. See appendix 2.
- Mirrors and License Plates must be removed
- Sharp Edges must be fitted with protective trim
- Clutch and brake levers must have a ball at the outermost end unless not homologated otherwise
- Headlight, taillight and indicator lenses must either be removed or taped in an "X" pattern to prevent shards from splintering off as long as its glass material.
- Throttle must be self-returning
- Brakes and suspension must be fully functional.

- Tires
  - No limitations
  - Slicks and treaded tires with sufficient tread depth are permitted
  
- Ignition cut-off
  - The ignition must have an external kill switch
  - The kill switch/ignition switch/etc. must be accessible and clearly labeled on the exterior of the scooter (Ignition: OFF). See appendix 3.
  
- Noise limitations
  - 4 stroke: 98dB
  - 2 stroke: 105dB
  - An airbox or at least mounting the carburetor inside the bodywork enormously to reduce noise
  - No un-silenced exhausts, or under-proportioned silencers. Fitting the largest possible silencer the bodywork will accommodate is recommended. Wrapping the exhaust also benefits sound reduction.
  
- Frame brace
  - If a brace is fitted between the front fork tunnel and seat post, the area under the brace must be completely blanked off with a sheet of aluminium, fiberglass, carbon fiber, etc. See appendix 4
  
- Cameras (GoPro)
  - Body mounted cameras are not allowed.
  - The attachment of a camera to the scooter must include two independent mechanical methods of attachment
    - Screw
    - Cable/wire (NOT attached to the primary screw)

Warning: The camera attachment must pass the technical inspection along with the scooter and will, when satisfactory, receive a special seal. Without this seal on the camera: NO CAMERA!
  
- Grid numbers
  - Digits at least 140mm tall
  - Front: Centrally or offset to the right
  - Rear: Left and right (visible from either side on the track). See appendix 5.

**Appendix pictures :**

1. Fuel tap marking



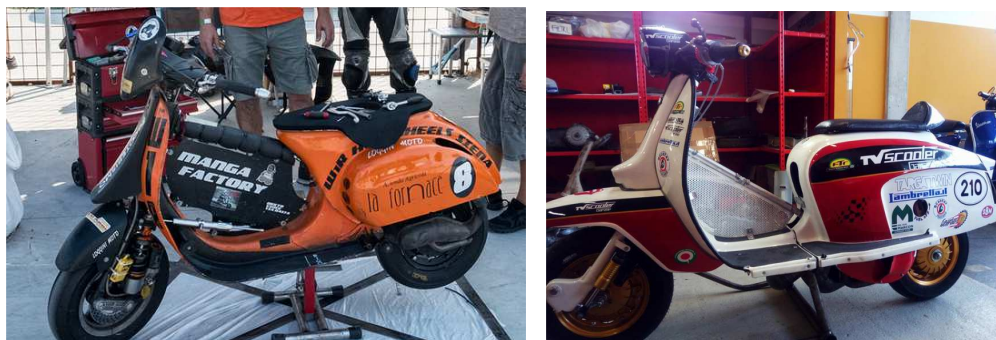
2. Oil plug securement



3. Ignition marking



#### 4. Frame bar blanked off



#### 5. Grid numbers

