

SPORTBIKE REGULATIONS

Sportbike class will exist for 'formula' type machines. The class listed below (1-1 to 1-5) allows modifications to the machines to be carried out while still keeping a similar level of performance between machines.

These rules apply to all National Championship and Endurance Championship races. At other meetings these rules will apply unless varied in the Supplementary Regulations.

1. Capacity Groups

(Refer to rule 5 below for specifications and restrictions within a capacity group)

- 1.1 Multi-cylinder four stroke up to 450cc
- 1.1a the working displacement of a 3 or 4 cylinder 4 stroke (cylinders producing power) shall be no more than 450cc.
- 1.2 Multi-cylinder production based two stroke up to 350cc
- 1.3 Twin cylinder grand prix 2 strokes between 126cc and 250cc
- 1.4 Twin cylinder, air cooled, four stroke up to 750cc
- 1.5 Single cylinder four stroke 126cc - Open Capacity
- 1.6 Single cylinder two stroke 126cc - 500cc
- 1.7 Twin cylinder, 2 or more valves, water cooled 4 stroke up to 650cc

2. Number Plate Colours

The background colours and figures for Sportbike
Black background and white numbers

In case of a dispute concerning the legibility of numbers, the decision of the Technical Steward will be final.

2.1 Size

Width 285mm minimum height 235mm,(where possible) .
Figures must be clearly legible.

Number Placement

Fairing, front of fairing one number board facing forward
Seat Tailpiece or side fairing, minimum of one number.

3. Fuel

Twin cylinder grand prix 2 strokes between 126cc and 250cc are limited to commercially available 'pump' fuel to a maximum RON 98
Otherwise, Refer to rule 10.17.

4 Machine Specifications (General)

All machines must comply with the relevant General Competition Rules such as Chapter 10. Machines with re-bored cylinders must remain within the appropriate capacity limit.

- 4.1 Multi-cylinder four stroke machines eligible under 1.1 above shall only be limited to the capacity, and fuel requirements above.
- 4.2 The specifications for 350cc Production based machines eligible under 1.2 are described in rule 5.
- 4.3 Twin cylinder four strokes shall be limited as follows:
 - a) Up to 500cc, no restrictions apart from fuel as above.
 - b) Over 500cc, two valves per cylinder are restricted to 750cc and must be air cooled, fuel as per rule 3,
 - c) Over 500cc, two or more valves per cylinder and water cooled are restricted to 650cc, fuel as per rule 3, Additionally these machines must retain the standard OEM air box/cleaner assembly in its entirety, air filter element and carburettor (with the exception of removable jets or throttle body, including injector).
- 4.4 Single cylinder four stroke machines eligible under rule 1.4 shall only be limited to the fuel requirements as per rule 3. Capacity is unrestricted.
- 4.5 Single cylinder two stroke machines eligible under rule 1.5 shall be limited to the capacity and fuel requirements as per rule 3.

5 Specifications for up to 350cc Production Based machines

The machine must be based on a production motorcycle. No homologation is necessary however the Road Race Commission or Technical Steward shall have the power to rule whether or not a machine is eligible.

5.1 Capacity

Must not exceed 350cc. Machines with re-bored cylinders must remain within the capacity limit.

5.2 Appearance

The machine must retain the appearance of the original motorcycle. Paint and trade advertising are not restricted.

5.3 Frame Body and Rear sub frame

The frame body must be from the original road going motorcycle. The frame must display the Vehicle Identification Number or chassis number provided by the manufacturer.

5.4 Suspension

- a) The rear swing arm must be from the original road going motorcycle. Rear wheel stand brackets may be added by welding or by bolts. The rear swing arm may be modified at the attachment point to accept an after-market rear shock. The frame or swingarm may be modified to allow fitting of a ride height adjuster. All other suspension components including linkages are optional.
- b) Front suspension must remain 'production' derived. All other options are open

6 Engine Specifications

- 6.1. The crankcase must be from the original road going motorcycle. The manufacturer's identification marks must be retained, and may be examined to ensure compliance. But may be modified without any further restriction.

An aftermarket or race piston and ring set may be fitted provided the cylinder remains within the capacity limit.

6.2 Carburettor

The original carburettor may be replaced by any brand or type.

- 6.3 Fuel requirements: see 4 above.

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7 Modifications permitted

Provided all the requirements above are met and the machine complies with the relevant General Competition Rules, any of the following parts may be altered or replaced: -

- 7.1 Wheels, brakes and tyres are optional. Racing tyres and tyre warmers are permitted.
- 7.2 Front forks, triple clamps, handlebars, steering dampers and front sub frames may be replaced. The frame may be modified to provide a mount for the steering damper.
- 7.3 Fairings, seat and fuel tank are optional. The machine must retain the profile of the original road going motorcycle. Additional fairing mounts may be added.
- 7.4 Quick shifters may be used