



## 24

## SUPERMOTO

### 24.1 PROTECTIVE CLOTHING – SUPERMOTO

24.1.0.1 No competitor may practice, start or compete in any Supermoto competition unless wearing the following protective equipment and clothing:

#### 24.1.1 Helmet

24.1.1.1 An approved and correctly fitting full-face helmet which must:

- a) Carry the Standards Association of Australia "AS 1698" label; or
- b) Be approved under Rule 01.69 & 01.70 of the Road Racing FIM Technical Rules [see Appendix 1].

#### 24.1.2 Clothing

24.1.2.1 A 1-piece leather suit or jacket and trousers constructed of leather or other material of similar or greater durability, which meets FIM requirements,

- a) Where jackets or 1-piece suits are fitted with front opening slide fasteners, a safety strap must be fitted and secured at the neck,
- b) In the case of a jacket and trousers, provision must be made to attach the rear of the jacket securely to the trousers,
- c) The following areas must be padded with at least a double layer of leather or enclosed plastic foam at least 8mm thick:
  - i) Shoulders,
  - ii) Elbows,
  - iii) Both sides of torso and hip joint, and
  - iv) Knees.

24.1.2.2 A commercially manufactured back protector, which continuously covers the back area between the collar line and the base of the spine.

#### 24.1.3 Footwear

24.1.3.1 Boots with ankle and calf protection which must:

- a) Be constructed of leather or other material of similar or greater durability, but not constructed of rubber,
- b) At least overlap the suit or trousers when the rider is in the normal riding position,
- c) Not have soft leather soles.

24.1.3.2 Motocross boots are approved.

#### 24.1.4 Gloves

24.1.4.1 Gloves of leather or other material of similar or greater durability.

#### 24.1.5 Goggles and Visors

24.1.5.1 Eye protection, including spectacles, protective goggles, helmet visors and/or 'tear-offs' must be worn provided:

- a) Eye protectors and spectacles are made of non-shattering material,
- b) Eye protectors which cause visual disturbance are not to be used,
- c) Visors are an integral part of the helmet,
- d) Metal or perspex face shields are not used,
- e) Eye shades or peaks are of a flexible material.

#### 24.1.6 Hair and Jewellery

24.1.6.1 Hair longer than shoulder length must be confined in the helmet or jacket.

24.1.6.2 Body jewellery is to be removed or securely covered with tape prior to competition.

#### 24.1.7 Footwear in pits

24.1.7.1 Closed footwear must be worn in the pit area at all times.

### 24.2 FRAMES AND PARTS- SUPERMOTO

**24.2.1 Tyres**

- 24.2.1.1 Knobby tyres are not permitted.
- 24.2.1.2 Additional cuts and/or grooves may be made to tyres.

**24.2.2 Rims**

- 24.2.2.1 Rims must be up to 17" in S1, S2 and S3 classes.
- 24.2.2.2 Rims other than 17" may be used in S4, S5, S6 classes.
- 24.2.2.3 Any rim size can be used in S7/S8 classes.

**24.2.3 Brakes**

- 24.2.3.1 A pin or locknut must be fitted to the brake pad fixture. The safety wire used on the brake caliper bolts must be visible.

**24.2.4 Hand Protectors**

- 24.2.4.1 If hand protectors are used, they must be of a shatter proof material.

**24.3 ENGINES- SUPERMOTO****24.3.1 General**

- 24.3.1.1 Plugs or caps which, if removed, permit the discharge of any lubricating, cooling or hydraulic fluids, must be wire-locked or otherwise secured in the tightened position in a manner approved by the Scrutineer.
- 24.3.1.2 Lock wiring used on oil and water filler caps and drain plugs must be visible.
- 24.3.1.3 Where flexible oil lines other than those supplied as standard equipment by the original machine manufacturer are used, they must incorporate high pressure hose secured by high pressure connections. Worm drive hose clamps may not be used.
- 24.3.1.4 All hoses must be securely fitted and guarded to prevent contact with:
  - a) The ground,
  - b) Tyres or other moving parts over the full movement of the suspension.
- 24.3.1.5 Only single or twin cylinder engines may be used.
- 24.3.1.6 On all engines, an oil catch tank of 500cc minimum, properly fastened, or a closed breather system must be installed.
- 24.3.1.7 The only liquid coolant permitted is water.
- 24.3.1.8 Lubricating, cooling and hydraulic fluid levels must be maintained within manufacturers' specifications.

24.3.1.9 A self-closing throttle must be fitted.

24.3.1.10 A non-return valve must be fitted to the tank breather pipe which must discharge into a catch tank with a minimum capacity of 350cc.

**24.4 NOISE EMISSIONS - SUPERMOTO**

24.4.0.1 Noise emissions must not exceed 94/96db(a) unless a lower limit is provided for in SR

**24.5 FUEL- SUPERMOTO**

24.5.0.1 Fuel for all machines must :

- a) Be unleaded; and
- b) Be no more than 100 RON.
- c) Contain no additives other than those added at the point of manufacture except for lubricating oil for 2-stroke engines.
- d) Be readily available from retail petrol pumps within Australia; or
- e) Be a brand of fuel homologated by MA that is compatible with the "Fuel Quality Standards Act 2000".

**24.6 CAPACITY CLASSES- SUPERMOTO**

CLASS	CAPACITY
S1	Over 250cc 2-stroke Over 450cc to 700cc 4-stroke
S2	Up to 250cc 2-stroke Up to 450cc 4-stroke
S3	125cc to 200cc 2-stroke Up to 250cc 4-stroke
S4 Clubman	Open Class
S5 Clubman	250cc 2-stroke Up to 450cc 4-stroke
S6 Clubman	125cc 2-stroke Up to 250cc 4-stroke
S7 Junior	13-15 years, up to 125cc 2-stroke
S8 Junior	13-15 years, up to 250cc 4-stroke
S9 Women's	Senior unlimited
Quads Open 2-stroke	Up to 550cc
Quads Open 4-stroke	Up to 700cc
Quads 450cc	Single 4-stroke
Quads 300cc	Single 2-stroke
Quad Pro Open	450cc 4-stroke
Quad Unlimited Open	Unlimited

**24.7 COMPETITION RULES - SUPERMOTO**

24.7.0.1 Senior classes of the same capacity may

be combined if provided for in SR.

### 24.7.1 Starting

24.7.1.1 Unless otherwise provided for in the SR, massed starts must be used.

24.7.1.2 Unless otherwise provided for in the SR, qualifying for starting grid positions must be held.

24.7.1.3 In the absence of qualifying, the Clerk of Course must allocate starting grid positions.

### 24.7.2 Grid Positions

24.7.2.1 There must be a maximum of 4 riders per row with a minimum of 1 metre between riders.

24.7.2.2 There must be a minimum of 4 metres between rows.

24.7.2.3 No more than 30 riders may participate in each race.

### 24.7.3 Stopping and Re-Running

24.7.3.1 The Steward or Clerk of Course who has excluded a competitor for unfair conduct and considers that such conduct has:

- a) Given an advantage to the team of which the offender is a member,
- b) In the case of a non-team event, jeopardised the fair chances of 1 or more of the other competitors in the event,

may declare the event void and order a re-run.

24.7.3.2 If the event continues, any competitor **unable to cross the finish line as a result of such conduct on the part of the excluded competitor may be deemed to have finished the race in the place:**

- a) Held immediately before such conduct,
- b) Having regard to any advancement in placing following the exclusion, in some other place.

24.7.3.3 A Steward or Clerk of Course may stop an event and order it to be re-run if it would be dangerous for it to continue.

24.7.3.4 In any re-run:

- a) Any competitor who:
  - i) Fell in the stopped event as a result of having been fouled,
  - ii) Intentionally laid down their machine in the interests of safety, or
  - iii) Left the course in the interests

of safety,

may participate.

b) Any competitor who:

- i) Caused or contributed to the event being stopped,
- ii) Failed to start in,
- iii) Retired from,
- iv) Was excluded from, or
- v) Had been lapped during the course of the stopped event,

may not participate.

24.7.3.5 Where the Steward or Clerk of Course has stopped a race due to danger the following will apply:

a) If no more than 2 laps of the stopped race were completed:

- i) The stopped race will be declared null and void,
- ii) The race may be re-run,
- iii) The re-run race will be for the full race distance,
- iv) The original grid positions will be used,
- v) The place of any machine unable to take part in the re-run race will be left vacant,
- vi) Machines may be repaired or replaced provided they have been approved by the Scrutineer.

b) If more than 2 laps, but less than **75% of the race distance, have been completed:**

- i) The race may be re-started, but only once,
- ii) The restart must occur no more than 30 minutes after the race has been stopped,
- iii) The re-started race distance will be equal to the balance of the stopped race distance,
- iv) Positions on the grid for the re-started race will be determined by the order of competitors at **the finish line of the last full lap of the stopped race,**
- v) Only competitors who have **completed at least 75% of the laps completed by the leading competitor at the time of stopping will be permitted to participate in the re-started race,**

- vi) Machines may be repaired or replaced provided they have been approved by the Scrutineer,
- vii) The stopped race and any re-run will be deemed to be parts of the 1 race,
- viii) The winner will be the competitor having the highest number of laps at the finish,
- ix) Where 2 or more competitors complete the same number of laps the winning order will be determined by the time taken by each to complete those laps,
- x) If at least 75% of the scheduled race distance is completed full points will be awarded,
- xi) If less than 75% of the scheduled race distance is completed half points will be awarded.

#### 24.7.4 Jump Start

- 24.7.4.1 If the front wheel spindle of the motorcycle crosses the line which marks the front of that riders' starting position on the grid before the red light goes out, this will be considered as a jump start.
- 24.7.4.2 Upon the recommendation of the Clerk of Course, a board reading "Jump Start" together with the rider's number will be displayed at the start/finish line to a rider who committed the jumped start.
- 24.7.4.3 The penalty for a jump start is a mandatory 15 seconds to be added to the infringing rider(s) time(s).

#### 24.8 AUSTRALIAN SUPERMOTO CHAMPIONSHIP

- 24.8.0.1 The Australian Supermoto Championships are to be conducted annually.
- 24.8.0.2 The method of conducting this Championship will be listed in the SR for the Event(s).

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### Motorcycling Queensland

Level 2, 8 Gordon Street, Ipswich QLD 4305

Phone: (07) 3281 2255 Fax: (07) 3812 2742  
 web: [www.mqld.org.au](http://www.mqld.org.au) email: [info@mqld.org.au](mailto:info@mqld.org.au)



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