

1. Introduction

- 1.1. It should be understood that if the following texts do not clearly specify that you can do it, you must work on the principle that you cannot.
- 1.2. The onus is on the competitor to provide documentation, acceptable to the organisers, to support the compliance of any part of the motorcycle with these regulations.
- 1.3. The organisers reserve the right to exclude any motorcycle, which in their opinion does not comply with the spirit of the race championship and or regulations.
- 1.4. Where a motorcycle is deemed by the organisers to have an advantage over the rest of the motorcycles in its class it may have a penalty imposed at the discretion of the organisers, (i.e. additional weight or power output restriction).
- 1.5. All motorcycles must comply with the safety requirements and technical regulations as relevant and as clarified in writing by the organisers at all times while competing in practice sessions and races that are part of the championship. The rider is responsible for the conformity of his or her motorcycle at all times before, during or after an event. Any motorcycle found not to be in conformity with the technical regulations during or after an event may be penalised.
- 1.6. The below regulations are subject to amendment at any time, made by the organisers which will be issued by means of an official bulletin.

2. General Description of Vehicles

- 2.1. The Superstock class is open to competitors riding on accepted motorcycles in compliance with these regulations and below stated engine capacity regulations:

Over 400 to 636	Four Stroke	Four Cylinders
Over 500 to 675	Four Stroke	Three Cylinders
Over 500 to 850	Four Stroke	Two Cylinders

- 2.2. The displacement capacity must remain at homologated size. Modifying the bore and stroke to reach class limits is not allowed.

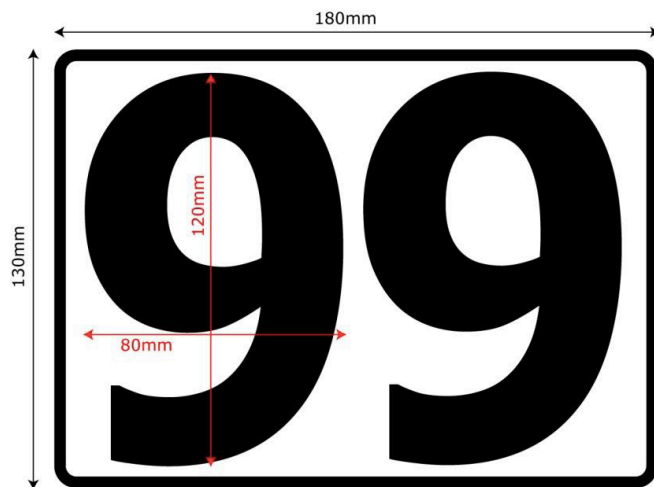
3. Minimum Weight

- 3.1. In the final inspection at the end of each race or during qualifying, the entered motorcycle will be weighed in the condition as per entering the designated weighing scales area. Nothing can be added or removed from the machine, including water, oil, fuel, tyres or paddock stands.

Over 400 to 600cc	Four Cylinder	161 kg
Over 400 to 675cc	Three Cylinder	161 kg
Over 600 to 636cc	Four Cylinder	166 kg
Over 749 to 850cc	Two Cylinder	175 kg
Over 500 to 660cc	Two Cylinder	151 kg

4. Number Plate Colours

- 4.1. Superstock & Rookie CUP – any color may be used as long as the number is clearly legible to officials.
- 4.2. The size needs to be as per the below, while the font is open as long as it is clearly legible.



- 4.3. The allocated number (& plate) for the rider must be affixed on the motorcycle as follows:

- One at the front, either in the centre of the front cowling or slightly off to the left-hand side (frontal view).
- One on each side of the motorcycle. The preferred location for the number on each side of the motorcycle is on the lower rear portion of the main fairing near the bottom (bellypan).
- It is the competitor's responsibility to correctly place these on the motorcycle.
- The organizer will determine the starting number from 1 up to 99.
- The organizer will allocate every motorcycle that is registered for the event with a number that will be valid for the entire race season.

Compulsory advertising, supplied by the organizer, must be present on the motorcycle at all times during practice and race days. Any competitor who fails to comply with this standard may not be authorised to take part in the practice/race sessions.

“DSBK” logo to appear:

- 1x above number on front cowling
- 1x on visible area of LHS & 1x on visible area of RHS (fairing or rear seat)

“Superstock sponsor” logo to appear:

- 1x on visible area of LHS & 1x on visible area of RHS (fairing or rear seat)

“Modifieds sponsor” logo to appear:

- 1x on visible area of LHS & 1x on visible area of RHS (fairing or rear seat)

“Rookie CUP sponsor” logo to appear:

- 1x on visible area of LHS & 1x on visible area of RHS (fairing or rear seat)

5. Fuel

- 5.1. The control fuel must be used in every practice and race session. This is deemed to be pump fuel (95/98 octane).

6. Examination of motorcycles

- 6.1. All entered motorcycles must be visually examined in the designated scrutineering area at the time stated in the Supplementary Regulations.
- 6.2. Competitors must report for scrutineering with their motorcycles clean, complete in all aspects with the belly pan fairings removed. Protective riding equipment must also be present for the relevant safety checks.
- 6.3. Identification stickers will be issued for:
 - Motorcycles meeting safety & technical requirements.
 - These stickers must not be removed or covered.
 - Entrants will not be allowed to exit the pit lane onto the track without displaying these.
- 6.4. Should a motorcycle be involved in a contact incident at any point in time during the event, it will need to be re-inspected by the scrutineer before entering the track for the next session again. Failure to do so may result in a penalty being imposed.
- 6.5. The organizers, in addition to any other powers that may have under these regulations, reserve the right before or after the race to designate any one or more of the competing motorcycles for special eligibility scrutineering. Upon such selection being made the competitor shall immediately place the motorcycle under the control of the organisers and be deemed to have permitted in all such scrutineering, examination and testing as the organisers may responsibly require to undertake. The organisers reserve the right to re-inspect motorcycles at any time during the course of the season, should there have been a regulation infringement or circuit incident.
- 6.6. Competitors will be personally and solely responsible for ensuring that their motorcycles comply with these regulations for each event at which they are entered. Failure to comply in either aspect will be a breach of these regulations. Queries concerning eligibility should be referred in writing to the organisers of the championship at least seven days prior to the event entered, to permit a ruling in advance of any meeting at which it is intended to compete.
- 6.7. Tests may be carried out by the organisers or their representatives on a rolling road to establish the power output of the motorcycle at any time during the season. All costs for each test will be borne solely by the competitor.

7. Riding Gear Safety Requirements

- 7.1 Suits – Only one piece full leathers with additional protection on the principal of contact points must be worn at all times, including practice, qualifying and races. A back protector is mandatory. No metal knee sliders are allowed. Linings or undergarments must not be made of synthetic material (s) which may melt to the riders' skin.
- 7.2. Helmet – Riders must wear a helmet which is in good condition, provides a good fit and is properly fastened. Helmets must be marked with one of the following international standards which are recognized by the FIM or ACU:
- UNECE 22.05 Type P OR 22.06
 - Snell M 2020
 - FRHPhe-01-2018 (FIM homologation label applicable)
 - One piece shell with protective lower face cover: not detachable and not moveable
 - Retention system with strap and double D-ring
- 7.3. Visors – All visors must be in a good condition and scratch free.
- 7.4. Gloves and Boots – Riders must wear leather gloves (gauntlet type) and boots (rigid road racing type), which with the suit shall provide complete coverage from the neck down.
- 7.5. Any decoration, cleaning or modification made to this equipment must only be done strictly in accordance with the manufacturer's instructions. The equipment is designed to save lives and if it is damaged in any way or is involved in an accident that gives any possible concern of damage then it should be replaced immediately. Equipment will be checked prior to competing in an event and the organisers reserve the right to impound and render inoperative any equipment which gives cause for concern by its apparent condition and/or lack of safety protection.

8. General Technical Requirements

- 8.1. The general description and safety requirements above must be complied with in addition to the following regulations, and together they will form the technical regulations of the championship. Unless specifically authorized in these regulations, the use/substitution/addition of any parts, or materials, is prohibited.
- 8.2. Welding or repair materials may be added, manufacturers, or other approved, replacement parts may be fitted for the sole purpose of restoring the vehicle to the manufacturers' standard specification or to comply with the safety requirements of these regulations.
- 8.3. All engines will be marked and/or sealed by the technical scrutineers, a minimum of 2 weeks prior to the first round of competition. (Dates and times will be communicated accordingly closer to the time).
- 8.4. Altering or tampering with the technical scrutineer's marks and/or seals will render the engine ineligible.

9. Motorcycle Specifications

Unless specifically mentioned within this article all parts must remain as produced by the manufacturer for the homologated motorcycle.

10. Tyres – General Conditions

- 10.1. There will be controlled Pirelli tyres:
Superstock - SC1 full slicks, size: 120/70/R17 & 180/60/R17
- 10.2. No alteration to the manufacturer's specification is permitted. Chemical treatment is prohibited, and all the manufacturer's data must be clearly visible.
- 10.3. 2 sets of tyres may be used on race day (warm up, qualifying, race 1 and race 2) and need to be marked at scrutineering.
- 10.4. Tyres can be purchased through Mivomoto or Furiosa Racing.
- 10.5. The use of tyre warmers will not be allowed on the grid.
- 10.6. Tyre changing facilities will be made available on Friday evening before race day at no additional charge (5 PM – 8 PM).

11. Engine

- 11.1. Fuel Injection System: throttle bodies and variable length intake track devices, must remain as homologated. Bell mouths and injectors must remain standard, as on the homologated motorcycle.
- 11.2. Cylinder Head: no modifications are allowed. No material may be added or removed from the cylinder head. The head gaskets cannot be changed from the standard homologated one. The valves, valve seats, guides, springs, tappets, oil seals, shims, cotter valve, spring base and spring retainers must be as originally produced by the manufacturer for the homologated machine. Valve spring shims are not allowed.
- 11.3. Camshaft: No modifications are allowed. At the technical checks, for direct cam drive systems, the cam lobe lift is measured; for non-direct cam drive systems (i.e. rocker arms) the valve lift is measured. The timing of the camshaft cannot be altered from the manufacturers homologated timing.
- 11.4. Cam Sprockets or Gears: No dimensional modifications are allowed.
- 11.5. Cylinders: No modifications are allowed.
- 11.6. Pistons: No modifications are allowed (including polishing and lightening).
- 11.7. Piston Rings: No modifications are allowed.
- 11.8. Piston Pins and Clips: No modifications are allowed.
- 11.9. Connecting Rods: No modifications are allowed (including polishing and lightening).
- 11.10. Crankshaft: No modifications are allowed (including polishing and lightening).

12. Crankcase/Gearbox Housing

- 12.1. No modification to the crankcases are allowed (including polishing and lightening). It is not allowed to add a pump used to create a vacuum in the crankcase. If a vacuum pump is installed on the homologated motorcycle, then it may be used only as homologated.

13. Lateral covers and protection

- 13.1. All lateral covers/engine cases containing oil which could be in contact with the ground during a crash, must be protected by a second cover made from materials such as aluminum alloy, stainless steel, steel, titanium, carbon Kevlar or polypropylene.
- 13.2. Plates or crash bars constructed from aluminum or steel with polypropylene ends are also permitted in addition to these covers. All of these devices must be designed to be resistant against sudden shocks, abrasions, crash damage and without any sharp edges.
- 13.3. These covers must be fixed correctly and securely with the original case cover screws that also mount the original covers/engine cases to the crankcase.
- 13.4. The scrutineering officer has the right to forbid any cover, if evidence shows that the cover is not effective or is damaged.

14. Transmission/Gearbox

- 14.1. No modifications or alterations are allowed to the gears, gearbox or gear ratios.
- 14.2. Quick shifters and 'auto-blippers' will be allowed.
- 14.3. Countershaft sprocket, rear wheel sprocket, chain pitch and size can be changed. The sprocket cover can be modified or eliminated.

15. Clutch

- 15.1. No modifications are allowed. Only friction and drive disc may be changed but their numbers must remain as original. Clutch springs may be changed but the number must remain as that on the homologated model.

16. Oil Pumps and Oil Lines

- 16.1. No pump modifications are allowed. Oil lines may be modified or replaced. Oil lines containing positive pressure, if replaced, must be of metal reinforced construction with swage or threaded connectors.

17. Radiator and Oil Coolers

- 17.1. The only liquid engine coolants permitted will be water (Motul MoCool additive will be accepted within the stipulated dilution as per manufacturers guidelines).
- 17.2. The radiator tubes/hoses to and from the engine can be changed but the system must be maintained, with its original tanks. Protective meshes can be added in front of the oil and/or water radiator(s).
- 17.3. Additional auxiliary water radiators will be allowed (not full race radiator).
- 17.4. Radiator fan and wiring may be removed.

18. Airbox

- 18.1. The airbox must remain as originally produced by the manufacturer for the homologated machine but the airbox drains must be sealed. The air filter element may be modified or replaced.
- 18.2. All motorcycles must have a closed breather system. All the oil breather lines must be connected and discharged into the airbox.

19. Fuel Supply

- 19.1. An additional control can be installed in order to change the fuel mixture but must be fitted to the original connectors, it must not be able to perform any other function. (The original wire-loom must remain unmodified).

20. Footrest/Foot Controls

- 20.1. Footrests may be rigidly mounted or of a folding type which must incorporate a device to return them to the normal position.
- 20.2. The end of the footrest must have at least an 8mm solid spherical radius.
- 20.3. Non-folding metallic footrests must have an end (plug) which is permanently fixed, made of aluminum, Teflon or an equivalent type material (minimum radius 8mm).
- 20.4. The plug surface must be designed to reach the widest possible area of the footrest. The scrutineer has the right to refuse any plug not satisfying this safety aim.

21. Handlebars and Hand Controls

21.1. Handlebars:

- Exposed handlebar ends must be plugged with a solid material or covered with rubber.
- Minimum rotation of the handlebars must be 15 degrees.
- Solid stops (other than steering dampers) must be fitted to ensure a minimum clearance of 30mm between both the handlebar and the tank when on full lock to prevent trapping of the rider's fingers.

21.2. Handlebar control engine stop switch must be located on the RHS handlebar (red in color).

21.3. Control Levers: All handlebar levers must be ball-ended (radius of ball must be at least 8mm), or ball may be flattened with rounded edges (minimum thickness 12mm). Clutch and brake lever may be exchanged with a suitable aftermarket set.

21.4. Front brake lever guard:

- All motorcycles must be fitted with a brake lever guard (pro guard) and may not be made of light weight composite materials.
- Brake lever guard should not rotate on impact.

22. Fairing/Body Work

22.1. The lower fairing has to be constructed to hold, in case of engine breakdown, at least half of the total oil and engine coolant capacity used in the engine (minimum 5 liters). The lower edge of any openings in the fairing must be positioned at least 50mm above the bottom of the fairing.

22.2. The lower fairing must be completely closed (no holes) or have a bung plug(s).

22.3. Fairing and bodywork may not be constructed of carbon fibre or carbon composite materials.

22.4. Overall size and dimensions must be the same as the original part.

22.5. Windscreens may be replaced (clear only).

22.6. Motorcycles that were not originally equipped with streamlining are not allowed to add streamlining in any forms, including aerofoils.

- 22.7. The original air ducts running between the fairings and the airbox may be altered or replaced. Particle grills or wire meshes, originally installed in the openings of the air-ducts, may be removed. Please keep in mind that the airbox entry holes need to remain the same size, as per the homologated motorcycle.
- 22.8. Front mudguards may be replaced with cosmetic duplicates of the original parts and may be spaced upwards for increased tyre clearance.
- 22.9. Rear mudguards fixed on the swing arm can be modified or changed but the original profile must be respected.
- 22.10. All exposed edges must be rounded.

23. Seat

- 23.1. The profile must conform to the homologated shape. Seat, seat base and associated body work may be replaced with parts of similar appearance as originally produced by the manufacturer for the homologated machine. The top portion of the rear bodywork around the seat may be modified to a solo seat.
- 23.2. The homologated seat locking system (with plates, pins, rubber pads, etc.) may be removed. All exposed edges must be rounded.

24. Fasteners

- 24.1. Standard fasteners may be replaced with fasteners of any material and design.
- 24.2. The strength and design must be equal to or exceed the strength of the standard fastener it is replacing.
- 24.3. Fasteners may be drilled for safety wire locking, but intentional weight saving modifications are not allowed.
- 24.4. Fairing/body work fasteners may be changed to the quick disconnect type.
- 24.5. Aluminum fasteners may only be used in nonstructural locations.

25. Fuel Tank

- 25.1. As Homologated – no modifications are allowed. After market cap is permitted.
- 25.2. Fuel tank petcocks must remain as originally produced by the manufacturer for the homologated motorcycle.
- 25.3. Fuel tanks with a direct tank breather pipe must be fitted with non-return valve that discharges into a catch tank with a minimum volume of 250 cc made of a suitable material to resist the corrosive properties of fuel.
- 25.4. The use of FIM recognized products such as “Explosafe” is strongly recommended within the fuel tank but not mandatory.
- 25.5. The sides of the fuel tank may be covered with ‘tank grips in order to aid rider ergonomics.
- 25.6. Tank covers may be fitted in order to provide a rider spacer but must be securely fastened.

26. Exhaust System

- 26.1. Exhaust pipes and silencers may be modified or changed from the those fitted to the homologated motorcycle.
- 26.2. Catalytic converters may be removed. For safety reasons, the exposed edges of the exhaust pipe(s) outlet must be rounded to avoid any sharp edges.
- 26.3. Wrapping of exhaust systems is not allowed except in the area of the rider’s foot or an area in contact with the fairing for protection from heat damage.
- 26.4. The noise limit for all motorcycles is a maximum of 107 DB/A (with a 3dB/A tolerance after the race). The inclusion of temporary parts to achieve silencing requirements is prohibited.

27. Generators

- 27.1. No modifications allowed. The electric stater must operate normally and always be able to start the engine during the event (including at post-race inspections).

28. Ignition/Engine Control System (ECU)

- 28.1. Spark plugs may be replaced.
- 28.2. The central unit (ignition/engine control unit/ECU) must stay as homologated.
- 28.3. The rev limit must be as the standard homologated ECU and may be checked for compliance.

29. Additional Equipment

- 29.1. The following items may be altered or replaced from those fitted to the homologated motorcycle:
 - A special one-way valve can be fitted to the crankcase oil filter opening (to avoid oil spillage).
 - Any type of lubrication, brake or suspension fluid may be used.
 - Gasket and gasket materials with exception of the cylinder base gasket and head gasket.

30. Timing Equipment

- 30.1. Use of a lap timer display is permitted. This must be a standalone, self-powered device.
- 30.2. All such systems & relevant mounting must be approved by the scrutineer.
- 30.3. The addition of a GPS for lap timing/scoring purposes is allowed.
- 30.4. Use of an aftermarket supplied “dash” will be considered as long as it does not allow for performance enhancement(s).

31. Frame and Body

- 31.1. The frame must remain as originally produced by the manufacturer for the homologated machine.
- 31.2. For the avoidance of doubt, if the model type is fitted with steering head cap bearing inserts, then the manufacturer's standard original fitted homologated inserts for that model are the only ones allowed to be used.
- 31.3. Holes may not be drilled on the frame.
- 31.4. Nothing can be added by welding, or removed by machining from the frame body.
- 31.5. All motorcycles must display the manufacturers' vehicle identification number (VIN) on the frame body (chassis number) with the exception of a replacement frame used as a result of damage, (the relevant certificate to be supplied to the scrutineer).
- 31.6. Engine mounting brackets or plates must remain as originally produced by the manufacturer for the homologated motorcycle.
- 31.7. Rear and front sub frames may be replaced with replica aftermarket option in the event that the original is damaged. Additional seat brackets to fit the relevant body work are accepted.
- 31.8. Bolt on accessories to the rear sub-frame may be removed.
- 31.9. Exhaust hanger brackets may be replaced with aftermarket substitutes but need to be mounted in the original position.
 - No lightweight composite materials will be allowed.

32. Front Forks

- 32.1. Forks (stanchions, stem, wheel spindle, upper and lower crown, etc.) must remain as originally produced by the manufacturer for the homologated motorcycle.
- 32.2. The upper and lower fork clamps (triple clamp, fork bridges) must remain as originally produced by the manufacturer on the homologated motorcycle.
- 32.3. A steering damper may be added or replaced with an aftermarket damper. The steering damper cannot act as a steering lock limiting device.
- 32.4. Fork internals on the mechanical forks may be modified or replaced by cartridges to allow for additional adjustment. (This does not include the mechanical fork leg that is part of the homologated fork set).
- 32.5. ELECTRONIC SUSPENSION: No aftermarket or prototype electronically controlled suspension parts may be used.

33. Rear Swing Arm

- 33.1. The rear swing arm must remain as originally produced by the manufacturer for the homologated motorcycle.
- 33.2. A chain guard (toe guard) must be fitted in such a way as to reduce the possibility that any part of the riders' body may become trapped between the lower chain run and the rear wheel sprocket.
- 33.3. Rear swing arm pivot position must remain in the homologated position (as supplied on the production motorcycle). If the standard motorcycle has inserts, then the orientation/position of the original inserts may be changed but the inserts cannot be replaced or modified. Rear swing arm pivot bolt must remain as originally produced by the manufacturer for the homologated motorcycle.
- 33.4. Rear wheel stand brackets may be added to the rear swing arm by welding or by bolts. Brackets must have rounded edges (with large radius). Fastening screws must be recessed.

34. Rear Suspension

- 34.1. The rear suspension (shock absorber) may be modified or replaced, but the original attachments to the frame and rear swing arm must be as homologated.
- 34.2. All the rear suspension linkage parts must remain as originally produced by the manufacturer for the homologated motorcycle.
- 34.3. ELECTRONIC SUSPENSION: No aftermarket or prototype electronically controlled suspension parts may be used.

35. Wheels

- 35.1. Wheels must remain as originally produced by the manufacturer at the time of sale into the dealer/distributor network for the homologated motorcycle.
- 35.2. The speedometer drive may be removed and replaced with a spacer.
- 35.3. If the original design included a cushion drive for the rear wheel, it must remain as originally produced for the homologated machine.
- 35.4. No modifications of the wheel-axles or any fixing and mounting points for front and rear brake calipers are allowed.
- 35.5. Wheel diameter and rim width must remain as originally homologated.
- 35.6. Wheel balance weights may be discarded, changed or added to.

36. Brakes

- 36.1. Brake disc cannot be replaced by aftermarket disc and need to remain the same as those provided by the manufacturer on the homologated machine.
- 36.2. Anti-lock systems (ABS) can be disconnected, and the ABS ECU can be dismantled. The ABS pump may be removed. The ABS rotor wheel can be deleted, modified or replaced.
- 36.3. Front and rear brake calipers (mount, carrier, hanger) must remain as originally produced by the manufacturer for the homologated machine.
- 36.4. The front and rear master cylinder(s) may be replaced with aftermarket replacements.
- 36.5. Front and rear brake fluid reservoirs may be changed with an aftermarket replacements.
- 36.6. Front and rear hydraulic brake lines may be changed.
 - The split of the front brake lines for both front brake calipers must be made above the lower fork bridge (lower triple clamp).
 - All banjo bolt fittings or T-pieces must be of the swaged/crimped type.
- 36.7. Quick (or “dry-brake”) connectors in the brake lines are not allowed.
- 36.8. Front and rear brake pads may be changed.
- 36.9. Additional air scoops or ducts are not allowed.

37. Homologated parts to be removed

37.1. These are mandatory:

- Headlamp and rear lamp
- Turn signal indicators (when not incorporated in the fairing)
- Rear view mirrors
- Horn
- License plate bracket
- Tool Kit
- Helmet hooks and luggage carrier hooks (if bolted)
- Passenger footrests
- Passenger grab rails
- Safety bars, centre and side stands must be removed (fixed brackets must remain)

37.2. Any openings left by the removal of items must be covered by a suitable solid that does not protrude from the profile of the fairing material.

38. To comply with these regulations, the following are mandatory

38.1. All motorcycles must be equipped with a functional ignition kill switch or button mounted on the right-hand side of the handlebar (within reach of the hand while on the hand grips) that is capable of stopping a running engine.

38.2. Throttle controls must be self-closing when not held by the hand.

38.3. The following must be safety wired:

- Drain plugs
- External oil filters
- Any screw or bolt entering an oil cavity
- Oil filler cap
- Sump plug
- Front brake caliper bolts
- Radiator cap
- Radiator drain plug
- Rear wheel spindle split-R-pins OR lock-wired through the spindle nut
- Front wheel spindle split-R-pins OR pinch bolts OR front fork slider

- 38.4. All motorcycles must have a closed breather system. The oil breather line must be connected and discharge into the airbox. The minimum size of the catch tank needs to be 250cc for engine breather pipes.
- 38.5. Electric fuel pump must be wired to an automatic and functional cut off switch, so that in the event of a motorcycle laying on its side the engine will stop running.
- 38.6. In the interest of safety, paddock stand bobbins must be rounded (no sharp edges) and securely fitted, if stands are to be used.

39. Responsibility

- 39.1. It is the rider's responsibility to make sure his or her equipment complies with these regulations.
- 39.2. It is up to you to ask questions if you are unsure.
- 39.3. Whilst on track, remember that the throttle can be opened and closed, you are in the most control of your own safety.

