



Alberta Mini Roadracing Association

AMRA RULEBOOK

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Alberta Mini Roadracing Association (AMRA)

“The Club” (or “Club”) means the regional motorcycle club that is a member of the AMRA and has agreed to use these rules as the basis for local racing events.

INTRODUCTION

The main objective of The Club, is to promote the sport of mini motorcycle road racing in Canada in a safe and professional manner. To ensure the longevity of the sport, The Club promotes low-cost fun racing and strives to be at the forefront of safety, and environmentally friendly practices.

The Club shall provide competitive racing for various makes and models of motorcycles. Motorcycles are divided into a variety of classes (please see section 13 for classes). Racers in classes will compete for trophies, points and awards. Races will always be run in the safest manner possible, and rider safety is top priority. First aid personnel will be present at all races.

The AMRA is a self-sanctioning, non-profit, motorcycle racing club and has created these rules and regulations. These rules are designed to provide for the orderly conduct of motorcycle races. These rules and regulations shall govern the conditions of all AMRA events.

Requests for rule amendments may be forwarded to president@amra.ca. Rule changes are due 30 days following the last race of the season for consideration in the next season.

GENERAL GUIDELINES

- a) The general guidelines and regulations listed below are to provide members with an understanding of how mini road racing will be run at AMRA events.
- b) The Club Executive will serve as Race Director, Referee, and all Committees unless otherwise noted below.
- c) Member clubs have the right to amend, modify, apply, and enforce these rules to accommodate regional needs.

SECTION 1 – RIDER REQUIREMENTS

1. All competing riders must meet the following requirements:
 - 1.1 BY ENTERING ANY EVENT, IT SHALL BE DEEMED THAT THE ENTRANT HAS READ THESE RULES AND AGREES TO BE BOUND THEREBY.
 - 1.2 Any rider under the legal age of majority must provide a consent document, signed by the child and their parent or guardian, to the AMRA before they will be allowed to compete, practice, or participate in the AMRA rider training.
 - 1.3 At all times, sportsmanship and fair play will serve as the guiding concepts in AMRA events. The AMRA Executive will have complete control of all areas covered by these guidelines.
 - 1.4 It is the responsibility of every competitor to inform the AMRA of any physical condition that might prevent the safe control of a motorcycle under race conditions, as well as any medical condition that could be worsened by competition in an AMRA event.
 - 1.5 A FIRE EXTINGUISHER IN WORKING CONDITION IS REQUIRED to be on display at each paddock / pit area. The minimum rating acceptable is ABC (5lb capacity).

SECTION 2 – RACE OFFICIALS

All race officials are appointed by the AMRA Executive.

2.1 Race Director

- a) Responsible for all aspects of the coordination of AMRA events, including, but not limited to ensuring the race events stay on schedule and the track is in safe operating condition.

2.2 Starter

- a) Reports to the Race Director, and:
 - Is to open and close the track when appropriate
 - Is responsible for starting and finishing races and for displaying the appropriate flags.
 - Is responsible to take over communications as directed by the Race Director.

2.3 Chief Technical Inspector

- a) Reports to the Race Director, and:
 - Is responsible for ensuring that all rules regarding machine preparation and rider protective equipment (sections 4 and 5) are followed.

2.4 Riders Representatives

- a) Reports to the general club membership, and is responsible to liaise with race officials, AMRA Executive and riders.
- b) Will be introduced at each riders meeting.
- c) Is to represent the racing members and affiliate racing members and act on their behalf in any situation concerning track safety, rules interpretation and protests.
- d) Is there to assist riders who are new to the club and / or track.

- e) In the event a Rider Rep is directly involved in any dispute, an alternate will be assigned by the Referee.

2.5 Race Registrar

- a) Reports to the Results Coordinator, and:
- b) Is responsible for all registration of riders for each race day

2.6 Results Coordinator

- a) Reports to the Race Director, and:
- b) Is responsible for the gridding of all heat and final races.
- c) Is responsible for all timing and scoring of races.

2.7 Referee

- a) Has final authority on all race-related matters, including, but not limited to, protests, appeals, penalty judgments', disqualification, and license change status.

2.8 Race Control

- a) Responsible for starting and stopping races in the timing system, posting results sheets, notifying the Race Director of potential illegal bikes gridding up for a race.

2.9 AMRA Executive

- a) Executive members must have been a member of the club for the year prior and have participated in at least one race or volunteered at two events during that year, before you can become a member of the executive board.

2.10 AMRA President

- a) AMRA President must have volunteered on the executive board for at least one year before they can be voted in as president.

SECTION 3 – NUMBER PLATE REQUIREMENTS

- 3.1 Every machine participating in an AMRA event (test and practice, or race days) must carry complete number identification, consisting of three number plates: one on the front of the machine and one number plate on each side of the bike (on the tail piece, or on the side of the front fairing). Each plate must carry the rider's designated and registered AMRA competition number. Rider must notify pregrid prior to the last call of the race in question if they are riding a bike with a different number if this is not completed, the rider will be disqualified from that race.
- 3.2 The number plate must be securely and safely fastened to the machine in a manner deemed acceptable by the Chief Technical Inspector. The number plate must be rectangular and must be finished in black or white with a non-glare surface.
- a) Numbers must be at least 4.5 inches high for the front plate (4" for 50cc), and a minimum of 3" for side plates/panels.
 - b) ALL riders must have black or white numbers on a black or white contrasting background.
- Number plates may not have sharp edges or corners.
- c) The numbers are to be uniform, clear and deemed legible by tech inspection
- 3.3 On all machines, the front number plate should cover the headlight shell, and the side number plates should be mounted so that the rider's legs do not cover the number plates when the rider is in riding position on the machine. If the method of mounting the number plates does not meet these requirements, the Chief Technical Inspector can ask to have the number plates relocated.
- 3.4 The front number plate on all machinery entered in AMRA events may not be angled more than 30 degrees from vertical.
- 3.5 On all machines, the numbers must be applied to the fairing and / or tailpiece in a similar size and manner to that specified for the number plates in section 3.2.

- 3.6 No advertising or sign writing may appear on the number plates without AMRA approval.
- 3.7 AMRA license holders should not, for any reason, ride a machine on the street if it is equipped with racing number plates and / or competition numbers.
- 3.8 At the end of each racing season, when racers renew their competition licenses, they will also apply for their competition numbers (the number that appears on their number plates) for the upcoming season. Every effort will be made to give each racer the competition number desired. Priority will be given to racers who have already competed and / or have long established competition numbers. The AMRA will hold the previous season's competition numbers until the first meeting of the next season.
- 3.9 Priority will be given to keeping all AMRA competition numbers as low as possible (i.e. one or two digits) to keep scoring and book-keeping simple. Lower numerical competition numbers that are not already renewed or chosen by established competitors will be available on a first come, first served basis after the first meeting of each year.

SECTION 4 – TECHNICAL INSPECTION AND MACHINE REQUIREMENTS

All the following rules apply, without exception, to every machine taking part in any AMRA event.

- 4.1 Every machine competing in an AMRA event must be fully inspected and judged race worthy and safe before that machine can take to the track. The VIN of racing machines will be spot-checked during the season. If required, tamper proof decals can be provided by the club for home build bikes or blank frame bikes.
- 4.2 Any rider participating on a stolen machine will be subject to full prosecution under law and may also suffer a permanent loss of his / her AMRA competition license.
- 4.3 The Chief Technical Inspector has the right to final decision over any matter of technical or safety legality. The Chief Technical Inspector or other race official may at any time recall a machine for further inspection if he / she has any doubts concerning a machine's legality or safety.
- 4.4 It is the competing riders' responsibility to ensure that their equipment, be it their own or borrowed, meets all AMRA rules. Remember: the primary duty of the Chief Technical Inspector is to inspect machinery for safety.
- 4.5 The Chief Technical Inspector may at any time revoke approval of either a competitor or his/her machine, whereby that competitor must bring the equipment up to acceptable standards before any further practicing or racing.
- 4.6 All machines entered in AMRA events must meet the following rules:
 - a) The machine must be clean.
 - b) The following items must be drilled and safety-wired in a safe, workmanlike manner, so that the wiring will prevent the items from loosening and falling off (see lock wire guide at the end of this section).
 - Oil drain plug bolts.
 - Oil filler and access plugs.

- All oil and fuel fittings and clamps outside of the frames perimeter (non-banjo style oil fittings may be adhesive).
 - Oil filter cover bolts (spin-on type filters must be secured with a hose clamp and then wired).
 - Axle pinch bolts and axles when accessible (if recessed type, adhesive may be used).
 - Cylinder and other water drain bolts.
 - Radiator cap.
 - Exhaust baffles and muffler bracket bolts.
 - Brake caliper bolts.
 - Brake line banjo bolts (Adhesive may be substituted for safety wire).
 - R clips may be used in lieu of cotter pins for securing the rear / front axle nut but must be wired closed at the mouth. Safety pin spring clips are also permissible. Either must be attached to the motorcycle from the closed end.
 - R clips or safety pin spring clips with safety wire can be used on caliper mounting bolts.
- c) Fork drain plugs must be securely fastened (either via wire, tape or adhesive).
- d) Any motorcycle having a radiator must have a heat resistant 'catch can' attached to its overflow hose.
- e) Only water or a non-glycol based additive like Redline brand 'water wetter' may be used in the radiator; Antifreeze or any other additive may not be used.
- f) All breather-type fluid lines that don't return to the air box, must drain into a heat resistant, non-combustible 'catch can' of at least five (5) ounces displacement, attached in a safe and secure manner.

- g) All fuel tank vent hoses must have a one-way check valve installed to prevent fuel from leaking out in the event of a tip over.
- h) All machines must have a well-marked operational engine kill button or kill switch mounted on or adjacent to the handlebars or clip-ons, within easy reach of the rider.
- i) All bikes must have fully operational front and rear brakes with integral ball-ended brake and clutch levers. Minimum size of the ball-end shall be 5/8 inch diameter.
- j) All side and center stands must be removed.
- k) Carriers, mirrors and turn signals and any touring-style fairings must be removed.
- l) All lenses (both reflective and headlight) must be removed.
- m) All light bulbs must be removed and horns disconnected.
- n) Either the rear fender or seat must extend rearward past a line drawn vertically through the rear axle.
- o) All fairings must be mounted in a safe and workmanlike fashion, as judged by the Chief Technical Inspector.
- p) No part of the machine may extend past a line drawn vertically 6 inches past the rearmost part of the rear tire with the exception of supermoto class motorcycles.
- q) Tires must be in safe operating and racing condition. All wheel weights need to be taped or have suitable adhesive placed over them.
- r) Metal valve stem caps must be used.
- s) Where a starter motor has been removed from the engine, a metal plate and appropriate gasket/seal shall be fitted and fastened securely to close the opening. No rubber or plastic plugs will be allowed.

- t) All machines must be appropriately equipped with sliders. Including, but not limited to, axles, foot pegs, handlebars, and any metal parts that would contact the ground in the event of a crash (eg. exhaust).
- u) No machine shall exceed the CKRC mandated noise level of 98dbA measured at a predetermined area by a designated official during any race or practice session. Any machine in violation of this rule may be immediately Black flagged and must be able to demonstrate that the problem has been rectified before being allowed back on the track. The race officials will monitor the sound levels during each race or practice session and will warn the rider of any machine that exceeds an average of the CKRC mandated 98dbA.
- v) All sign-writing appearing on the motorcycle must be in good taste as determined by AMRA officials.
- w) All previous technical inspection stickers must be removed prior to presenting the machine for technical inspection. Fairing lowers may have to be removed and brought along to inspection.
- x) Changing any safety aspect of the motorcycle after tech inspection has been completed can result in membership suspension or up to a \$500 fine. This also applies to any competing machine that is to be found to be on track and not compliant with these rules after passing tech inspection.
- y) No compressed gas cylinders to be fitted ie quick shifters, nitrous oxide, methanol etc)

4.7 Basic rules for the installation of lock wire:

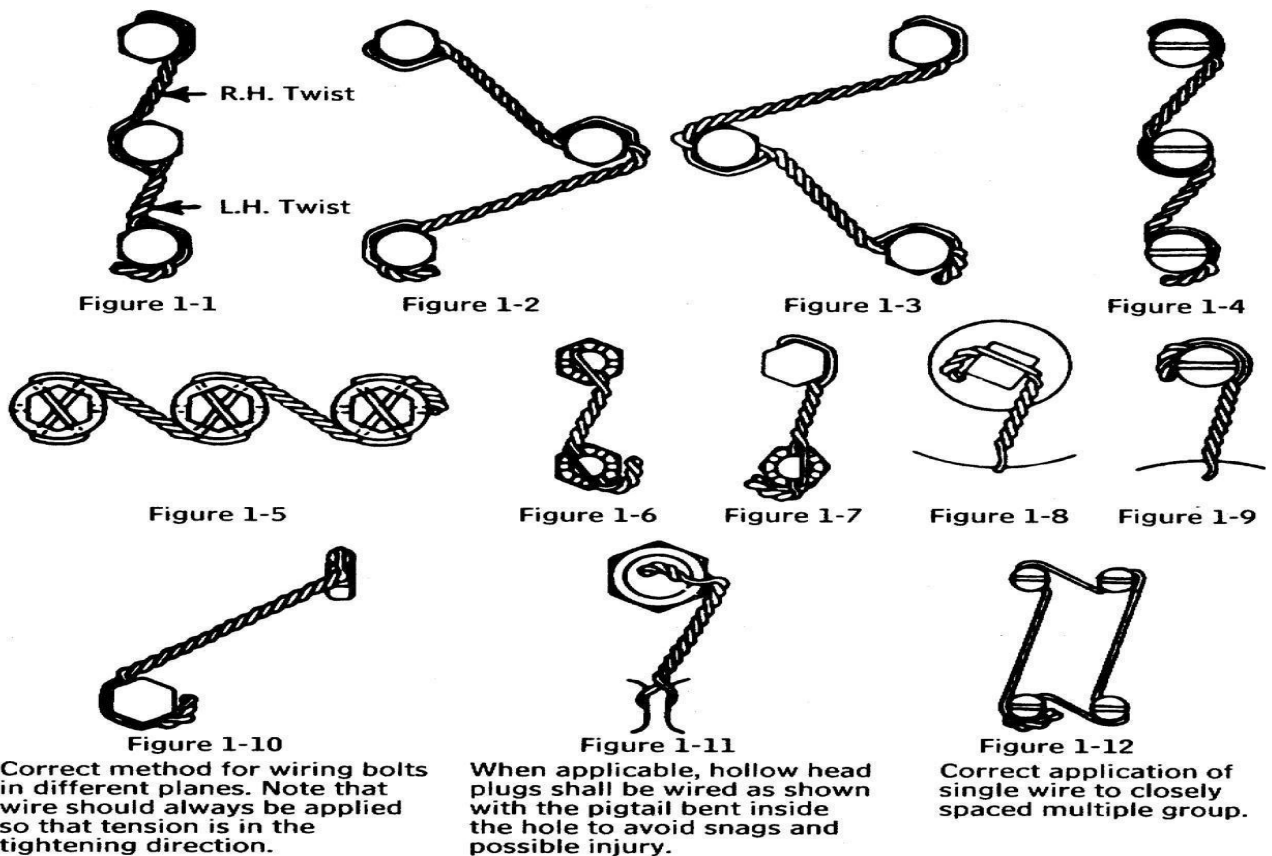
- a) Lock wiring is the securing together of two or more parts with a wire, which shall be installed in such a manner that an additional tightening of the wire will counteract any tendency for a part to loosen.
- b) Use smaller wire where parts are too small to permit a .032" (0.8mm) diameter to accommodate the preferred sizes, or where space limitations preclude the use of the preferred sizes. Wire diameter of .032 (0.8mm) is most commonly used where

stronger wire is required. The appropriate application of wire is subject to the approval of the technical inspector.

- c) The common method of installing lock wire shall consist of two strands of wire twisted together. The single strand method of lock wiring may be used for some applications, such as in a closely spaced, closed geometrical pattern (triangle, square, rectangle, circle, etc.), or parts in electrical systems.
- d) The maximum span of lock wire between tension points shall be 6 inches.
- e) Where multiple groups are lock wired by either the double twist or the single strand method, the maximum number in a series shall be determined by the number of units that can be lock wired by a 24 inch (610mm) length of wire.
- f) Wire shall be pulled taut while being twisted. The number of twists per inch, as recorded in Table 1-1, represents general practice and is given as guidance information only.
- g) Caution must be exercised during the twisting operation to keep the wire tight without overstressing. Abrasions caused by commercially available wire twisting pliers shall be acceptable but nicks, kinks, and other damage to the wire are not.
- h) Lock wire shall not be installed in such a manner as to cause the wire to be subjected to chafing, fatigue through vibration, or additional tension other than the tension imposed on the wire to prevent loosening. In the event that no
- i) wire hole is provided, wiring should be to a neighboring region in a manner so as not to interfere with the function of the parts. Hose and electrical coupling nuts shall be wired in the same manner as tube coupling nuts.
- j) Various examples of lock wiring are shown in Figures 1-1 through 1-12. Figure 1-12 shows the single strand method, while the other figures show the two-strand or double-twist method.

4.8 Detailed instruction for the installation of lock wire:

- a) Check the fasteners to be lock wired to make sure that they have been correctly torqued. Under-torque or over-torque to obtain proper alignment of the holes is not advisable. If it is impossible to obtain a proper alignment within the specified torque limits, either add additional safety wire holes to the fastener or rearrange the fasteners and reattempt.
- b) In adjacent fasteners, it is desirable that the holes be in approximately the same relationship to each other as shown in Figures 1-1 through 1-4 (for right-hand threads), thus the lock wire will pull the unit clockwise. This should be reversed for left-hand threads.
- c) Where lock wire is used to secure a castellated nut on a threaded item, selection of locking hole diameter for the item shall be based on cotter pin requirements.



Lockwire information courtesy of American Association of Motorcycle Road Racers (A.A.M.R.R.)

SECTION 5 - RIDERS' CLOTHING

- 5.1 All competitors in any AMRA event must wear a full-face helmet with visor or approved motocross helmet with suitable eye protection. All helmets must be as new, in good condition, Snell M2015, Scorpion ECE 750 Series, ECE 22-05(P, NP or J), BS 6658 Grade A, or JIS T 8133:2007. Helmet must have the original certification label affixed (clearly visible / not painted over). Helmet must be no older than 5 years from date of manufacture. All helmets and gear must pass mandatory technical inspection at the start of each race day. No open face or flip-up full face style helmet is allowed.
- 5.2 Clothing:
- a) All clothing must be made of leather or road racing approved textile and be in good repair. One-piece road racing suits are recommended.
 - b) If the suit is two pieces, the top and bottom must be safely and securely joined together with a full-length zipper.
 - c) Boots must be leather, road race or motocross approved textile material of a minimum height of eight (8) inches from the top of the sole.
 - d) Leather or road racing approved textile gloves. Motocross gloves may be used when youth hand size is too small for leather gloves. However it is encouraged to find the highest quality motocross glove possible to protect the hands.
 - e) No skin except at the rider's neck should be visible on the rider's body when that rider has their equipment on and is in a racing position.
 - f) A hard shell spine protector or back protector pad is recommended to be worn under the leathers. In the case of youth, if there are no available options on the market this may be omitted.
 - g) All of the equipment mentioned above must be worn whenever a rider is on the track with no exceptions.

- h) None of the rider's clothing may be loose fitting. Clothing that flaps at racing speeds will result in potential disqualification.

5.3 All of the rider's personal equipment must pass technical inspection before the rider can take part in any AMRA event. If any clothing or machinery shows excessive damage, the Chief Technical Inspector has the right to reject that piece of gear from racing use.

EXCESSIVE DAMAGE INCLUDES CRACKED OR SCRATCHED HELMETS, LONG RIPS IN VULNERABLE PARTS OF THE LEATHERS, AND PALMS / KNUCKLES TORN OUT OF GLOVES. IN THESE INSTANCES, THE RIDER MUST PROVIDE ACCEPTABLE REPLACEMENT EQUIPMENT.

If a rider's equipment shows a small amount of damage, the Chief Technical Inspector may take note of that damage and give that rider one event's grace to repair and / or replace the damaged item. If at the next event, the same problem(s) still exists with the rider's equipment then the Chief Technical Inspector can refuse to allow that rider to compete until the specified repairs have been made.

SECTION 6 - PROTESTS

It is to be understood that any licensed competitor, upon entry into an AMRA event, is responsible for proving upon demand that his / her machine is legal for the class(s) entered that day.

The competitor filing the protest must be a racer in that class on the day of the protest. The competitor must be prepared to prove this adherence to the rules at any time from sign-up to one (1) hour after the completion of this / her event(s), at the discretion of the AMRA officials. In the case of a youth class rider a parent or guardian may advocate for or assist the minor.

Except in the case of an unproved protest, the competitor is responsible for all material costs incurred in any inspection. In no instances will a competitor be compensated for labour costs incurred to disassemble and reassemble inspected machinery.

It is the intention of the AMRA to ensure that competition is fair for all competitors.

- 6.1 In all events, all rules will be strictly enforced. At Technical Inspection, the Chief Technical Inspector will decide what classes the motorcycle is eligible for based on its current condition. However, all machinery is still vulnerable to post race inspections and protests from fellow competitors.
- 6.2 During an AMRA event, any bike may receive an unannounced post-race inspection and, if required, tear-down. The rider will be responsible for performing any post-race disassembly ordered by the officials. Riders will also be responsible for any re-assembly and the resulting expenses.
- 6.3 Any entrant or pit crew may protest a decision of the Senior Official (Senior Referee at racing events) regarding matters connected with the running of the event, provided they are directly involved and are AMRA members, as well as participating in that race on that day.
- 6.4 No protest at racing events will be accepted against a statement of fact which has been personally observed by the Referee or officials reporting to the Referee (eg. false start/ course cutting/ dangerous riding/ inappropriate entry to or use of the course). If enough evidence (ie. video) is brought in protest then it will be considered.

- 6.5 Protests must be filed with Rider Representatives only (in writing and with fee, if applicable).
- a) **Scoring Questions (No fee required and may be verbal.)** - Within 30 minutes of the posting of the race in question.
 - b) **Rule Infractions (\$10 fee)** - Within 30 minutes of the completion of the race in question.
 - c) **Machine Legality “External” (\$20 Fee)** - Within 30 minutes of the race in question
 - d) **Machine Legality “Internal” (\$200 fee)** - includes suspension systems, gear box, crank shaft, carburetor, and internals of all components) - Within 30 minutes of the race in question
- 6.6 If a protest (machine legality, internal) is upheld, the fee will be returned and the cost accepted by the protested party.
- 6.7 If the protest is not upheld, the protest fee will be retained and the protestor will be responsible for any costs in excess of the fee.
- 6.8 Protest decisions may be appealed to the AMRA Executive in writing, within 24 hours of the event, and accompanied by a \$10.00 fee.
- 6.9 If a “Machine Legality” protest is upheld, the rider protested will forfeit all points and money earned at that event and also all points earned to that point in the season in the class in question. Membership suspension can also be applied if determined applicable by the AMRA executive.

SECTION 7 – COMPETITOR AND CREW BEHAVIOUR

AMRA Officials will apply the following rules at all AMRA events:

- 7.1 Every rider is responsible for the behavior of his / her crew, family, and friends. Any behavior problems caused by crew, family, or friends at an AMRA event may result in penalties being assessed to the rider responsible. See “Penalties” in section 7.19.
- 7.2 All crew members must wear suitable body, leg and closed toe foot coverings while in the technical inspection area, pregrid area, pit lanes and trackside.
- 7.3 No crew member or relative or friend may assist a rider outside the pit area, regardless of the reason, without first receiving permission from the AMRA Referee or Race Director.

“Outside the pit area” specifically means the area defined as the “circuit” or “track” and its immediate surroundings. These areas – the track and its verge – are usually fenced off from the pit area.

All persons wishing to assist a rider outside the pit area must have signed a track waiver, on the day in question, prior to rendering such assistance.

- 7.4 No competitor, crew, or family member may be under the influence of alcohol, drugs, or consume alcohol or marijuana, or otherwise ingest any illegal substances during any sanctioned event.
- 7.5 Any person found consuming or found to be under the influence of any element that could create an abnormal state of mind shall be removed from and refused re-admittance to the track property. Substances include, but are not limited to alcohol, marijuana, prescription medication and performance enhancing drugs.
- 7.6 Competitors must follow the instructions of race marshals and race officials.
- 7.7 No competitor, crew, or family member may verbally or physically abuse or threaten a AMRA race official, Referee, Race Director, Executive or staff member.

- 7.8 All competitors must fill in and sign all their appropriate entry forms as well as the track waiver and fully pay all fees applicable before taking part in any testing session, practice or race.
- 7.9 No competitor, crew, or family member may take part in any activity judged to be “unsportsmanlike” by the AMRA Referee.
- 7.10 At all AMRA events, the tower, the announcer’s booth and all official areas including the timing and scoring facilities are off limits to all competitors, crew and family members. Only the AMRA Race Director or Referee may give permission for a competitor, crew, or family member to have access to these areas.
- 7.11 No competitor, crew, or family member may take part in any sort of altercation anywhere on the track property.
- 7.12 No competitor may take part in any practice or event that they did not legally qualify or register for.
- 7.13 Helmets must be worn at all times while riding on the track.
- 7.14 Vehicle parking in the pit area is strictly controlled. Vehicles may not be parked on the tarmac square directly in front of the technical inspection building. However, competition motorcycles may be staged in between events in this area. Attendees are encouraged to park close to the proceedings so as not to miss important announcements.
- 7.15 Riding of competition motorcycles in the pit area is strictly prohibited. Motorcycles can, however, be ridden in designated areas for testing.

First offence: \$10 fine payable before re-entering the race track -

Second offence: Loss of AMRA license for the current day’s event.

- 7.16 The road outside the pits is a public area and is off limits to race machines.
- 7.17 All complaints or questions about rules on Race Day events must be directed to the Referee, through the Rider’s Representative.

7.18 The Riders Representative shall act as a mediator between the riders and the Referee and other race officials.

7.19 Penalties

a) Penalties are assessed by the AMRA Referee / Race Director for any competition rules or riders' sheet infractions, and are not subject to appeal. Penalties may range as follows:

- i) Re-positioning on the starting grid.
- ii) Re-positioning in the finishing order.
- iii) Loss of event points for one event.
- iv) Loss of points and purses for all of season up to time of infraction.
- v) Loss of AMRA license for one event.
- vi) Loss of AMRA license for balance of season.
- vii) Loss of AMRA license permanently.
- viii) Monetary fine of up to \$250.

7.20 Jumped Starts

- a) Riders who are found guilty of jumping the starter's flag during a qualifying heat race will start from the back of the grid in the main event providing they qualified in the event in question.
- b) When a rider or riders leave the starting line before the signal is given there will be no restart. The penalty is losing 5 seconds on the finishing time. If manual timing is being used or timing system data is unavailable, a penalty of 3 positions or more at the discretion of a senior official will be applied.

- c) “Leave the starting line” shall be defined as “ANY FORWARD MOVEMENT” before the starter’s flag has dropped. Youth rider infractions will be dealt with as needed based on circumstances.

7.21 Series sponsor identification.

- a) Any competitor who does not display the official series identification (decals) in quantities and locations as specified by AMRA officials risks the loss of all points and purses for the event or race in question.

SECTION 8 – FLAGS

8.1 The following is a list of flags and signals that are used trackside at AMRA events. It is the responsibility of every rider to be aware of all flags and be prepared to act appropriately whenever any of the flags are displayed.

- a) GREEN FLAG (dropped)
 - i. Starting flag.
- b) CROSSED GREEN AND WHITE OR BLUE FLAGS (stationary)
 - i. Half-way flag.
 - ii. Not used for short races.
 - iii. Shown only at start and finish line.
 - iv. Courtesy Flag, not always shown.
- c) CHECKERED (waved or stationary)
 - i. Finish flag.
 - ii. End of race.
 - iii. After receiving his flag, all racers, including those that have been lapped, proceed around the track to the pits at a reasonable pace.
- d) RED (waved or stationary)
 - i. Stop racing and raise your hand immediately to indicate the flag has been seen and pace is about to change, do not apply brakes until after the hand has been raised. Be aware that riders behind you or drafting you may not have seen the flag yet and may still be racing. Ride slowly and come safely to a stop at the next flagging station to await further instructions.
 - ii. All corners will display a waved RED flag at this time.

- iii. Also used to signify the end of the warm-up laps and to hold the grids in preparation for the start of the race.
- e) BLACK WITH ORANGE DOT / MEATBALL
 - i. Pointed directly at the offending rider)
 - ii. Shown only at the start and finish line.
 - iii. Mechanical or sound violation.
 - iv. Get off the racing line, check the bike and proceed to the pits.
 - v. Must check in with Technical Inspection before re-entering the race track.
 - vi. Ignoring a MEATBALL flag is a serious offence. The rider will be banned from racing until the Executive can review the situation.
- f) YELLOW (waved or stationary)
 - i. CAUTION – Potential Hazard
 - ii. Obstruction on track
 - iii. Be prepared to stop.
 - iv. NO PASSING between flagging station and the accident or obstruction area. If a pass is made in error, the position must be given back within one lap of incident. If the pass occurs on the last lap and it is not possible to give the position back before the chequered flag, both riders must report to race direction immediately after the race for guidance. Failure to follow this rule could result in disqualification from the heat/race.
 - v. Note to Novices: Experienced racers, even though not passing, will probably not slow down much until the danger being flagged is seen and assessed. Do not slow down until your hand has been raised to show this

is about to occur. A racer slowing down abruptly in this situation runs a high risk of being hit from behind by another closely following racer.

g) BLACK

- i. Dangerous machine defect or dangerous riding behavior – Pull off the track as soon as safely possible.
- ii. This will be pointed directly at the relevant rider.
- iii. Do not proceed until your machine has been checked over and released by a Corner Marshall.

h) WHITE FLAG

- i. Last lap.
- ii. Courtesy Flag, not always shown.

i) VERTICAL YELLOW STRIPES ON RED

- i. Debris of some kind on the track (oil, water, parts, etc.)

j) RED CROSS ON WHITE

- i. Ambulance or rescue team on track.

k) LIGHT BLUE

- i. You are being lapped; allow rider to pass
- ii. Courtesy Flag, not always shown.

SECTION 9 – RACE POINTS

- 9.1 The AMRA awards points in all AMRA competition categories toward season championships to eligible race finishers in the following order:

1st Place	25 Points	2nd Place	20 Points	3rd Place	16 Points
4th Place	13 Points	5th Place	11 Points	6th Place	10 Points
7th Place	9 Points	8th Place	8 Points	9th Place	7 Points
10th Place	6 Points	11th Place	5 Points	12th Place	4 Points
13th Place	3 Points	14th Place	2 Points	15th Place	1 Point

- 9.2 The winner of the race is the rider who takes the checkered flag ahead of the others. To be classed as a finisher of the race, a rider must:

- a) Have completed at least $\frac{3}{4}$ of the laps of winner rounded off to the highest number.
- b) The lap scoring will stop 3 minutes after the designated number of laps or time has elapsed.
- c) Classification will be based on order and number of completed laps recorded.
- d) A rider must complete one full circuit of the track to be credited with a lap.

- 9.3 Non finishers are not eligible for awards or points and will be scored DNF. If an AMRA rental motorcycle fails due to a mechanical issue not incurred during a crash then the participant will receive last place points.

- 9.4 A rider must complete a given heat, semi or final using the same machine on which he starts that heat, semi, or final.

- 9.5 During a race, the motorcycle must be moved by the power of its own engine, the muscular power of the rider and/or passenger in any or natural causes such as the forces of gravity.

- 9.6 All Regional events must have at least three (3) racers starting that event for that event's points to count toward the OVERALL Regional point's total.
- 9.7 All Western Canadian Championship events will have a race for each championship class, providing that there are at least 4 starters. Classes may be combined provided it does not prevent a rider from competing in the championship race for each machine he is riding. For any races with combined machine classes, the results and points will be awarded separately.
- 9.8 **TIE BREAK PROCEDURE:** in the final series standings, there cannot be a tie for any overall position in any class. In the case of a tie in overall point standings for any position in any class series, the position is awarded to the rider with the most victories. If the position is still undecided (i.e. the tied riders have the same number of wins in that class) then the position is awarded to the rider with the most second place finishes, or thirds, or however low must be reviewed until the position has been decided. If this method still fails to break the tie, the rider with the best result in the final event of the year is awarded the position. In the event there is still a tie, the racer with the most race entries that season wins. This system is used to break ties in all championships including club championships.

SECTION 10 – RACE PROCEDURES

The following are basic guidelines for safe behaviour at all AMRA events.

- 10.1 AMRA events will be held rain or shine. Events may be cancelled in the even of snow or dangerous environmental conditions such as lightning within 10kms of the track, heavy hail, extreme winds/tornados, flooding, etc
- 10.2 The Starter will indicate whether or not the upcoming race is a "Wet Race" or a "Dry Race"
 - a) Class permitted, rain tires are only allowed if the race has been deemed a wet race. Class permitted, rain tires are only allowed if the race has been deemed a wet race. If this race is restarted it will be a minimum of 30 minutes until the restart.
 - b) A "Dry Race" is a race that starts the warm up lap(s) with a completely dry racing line (no matter how wide) for one entire lap.
 - c) A "Wet Race" is a race that starts the warm up lap(s) with a completely or partially wet racing line
 - d) A "Wet Race" will not be red flagged (for rain) if it starts to rain again during the race, even if a dry racing line has formed.
 - e) There will be a minimum of 30 minutes from the start of rain to the start of the warm up lap(s) for the next (dry slick) class.
 - f) The starter is the one who decides if it is raining or not and if the start of the race is a "Dry Race" or a "Wet Race".
 - g) For these purposes, a qualifier or main is considered a "race".
- 10.3 Pre-registration is mandatory.
- 10.4 When last call is announced riders will have 1 minute to report to Pre Grid before the track closes. Anyone not on the track by closure time will not get a warm up lap and will be gridded behind the others.

10.5 In the event of a mechanical problem after staging, the rider is permitted 1 minute to get the machine operational.

10.6 Starting procedure with starting lights:

- a) Red flags will be held out to signify the end of the warm-up/sighting lap(s) and allow racers to enter their grid positions.
- b) Once all racers are gridded, the starter will bring the red flag in and light up the red lights on the tower.
- c) When the red lights go out, the race starts.
- d) If there is a problem on the grid after the lights are on, the starter will bring the red flag back out, and once they are satisfied that all riders see the red flag, the starter will turn off the lights with the red flag still out, allowing for problems on the grid to be rectified.
- e) Once problems are rectified, the starting procedure will start again.

10.7 Starting procedure with NO starting lights:

- a) Red flag will be held out to signify the end of the warm-up/sighting lap(s) and allow racers to enter their grid positions.
- b) Once all racers are gridded, the starter will bring the red flag in and bring out the green flag, holding it low between both hands.
- c) The starter will slowly raise the green flag to an overhead position using both hands.
- d) When the green flag is released from the starter's hand, the race starts.
- e) If there is a problem on the grid after the green flag goes up, the starter will slowly bring the green flag back down, allowing for problems on the grid to be rectified.
- f) Once problems are rectified, the starting procedure will start again.

- 10.8 If, at the discretion of the Race Director, it becomes necessary to stop a regional event, that event will be considered officially completed if 50 per cent (50%) of the original specified distance has been run. The only person authorized to stop an AMRA event is the Race Director or his / her appointed delegate. If the event has not gone to 50 per cent of the scheduled distance, it may still be considered complete if the AMRA Race Director deems a re-start to be unsafe.
- 10.9 Western Canadian Mini racing Championship events are only considered complete if at least 75% of the original distance or time has been completed, unless force majeure (i.e. weather) requires officials to shorten such distance or time.
- 10.10 If the event is not considered to be complete a new race will be run. If a “new race” is held then the original final event grid will be used to line up machines and all riders who qualified for the event and have not been subsequently disqualified may start.
- 10.11 Race will be considered complete after 50 per cent if Red flagged during the next lap. For example, in a 4-lap heat race, it would be considered complete if Red flagged on the third lap.
- 10.12 When a race is Red flagged, the finishing order shall be determined by the position of the riders on the previous lap.
- 10.13 Where a race is restarted, the rider responsible shall be placed last in the restart positions. The responsible rider shall be classified as the rider that was unable to get themselves or their bike safely off the track. If there is a decision to be made as to who the responsible rider is, the decision will be left to the race director.
- 10.14 All those who originally started will be eligible to restart, providing they are ready at the specified time of the restart.
- 10.15 A rider entering or leaving the pits must proceed to the designated entrance and exit lanes or face a possible disqualification penalty.
- 10.16 Riders intending to enter the pit lane must signal well in advance with an arm or leg (usually the left one) held HIGH so that both the pit lane officials and following riders are made aware of the intention to exit.

- 10.17 When leaving the pits, riders must wait for the appropriate official to wave them out.
- 10.18 Competitors must proceed in the direction of the course only. Any competitor found proceeding on their motorcycle against the direction of the racing will be disqualified. Note that this includes gridding; In the event the rider has proceeded too far forward on the grid they must dismount and roll the motorcycle backward to their designated position. Under no circumstances is it permissible to turn the motorcycle around and ride it backward on the track to change grid positions. Running back to your motorcycle following a crash is not considered proceeding against the racing direction. For reference, the "track" is defined as any paved surface beyond the yellow line which is adjacent to the technical inspection building.
- 10.19 Use of electronic communication with the rider or use of a portable electronic device of any kind (i.e. digital music device) that would be considered a distraction while on the motorcycle during the meet is prohibited.
- 10.20 There will be no practice allowed prior to sign-in, filling out an official entry form, signing the track waiver or without permission of the Referee.
- 10.21 There will be no unauthorized use of the course before or after an event.
- 10.22 Attendance by competitors at the riders meeting is mandatory. Penalties will be assessed for no-shows. At the discretion of race officials, riders who fail to attend the riders meeting for any reason may not be permitted to race on that day.
- 10.23 If a machine breaks down on the course only the rider can repair it. The rider can have assistance starting a machine, but crewmembers may not go trackside during an event to do so. The Youth coordinator will have two designated individuals that will assist with operations on track with youth riders.
- 10.24 Any competitor who either intends to pull off the course or is forced to slow down significantly (and stop racing), must signal their intention (or dilemma) with either an arm held high (preferable) or an outstretched leg and must never cut across the track in front of their competitors.

- 10.25 Any rider leaving the track during a race, but not crashing or dropping their machine must re-enter the track as close as possible to where they exited. If a rider gains an advantage on another rider when returning to the track, the position must be relinquished as soon as safely possible. Any rider gaining an unfair advantage by “short cutting” may be penalized at the discretion of the Referee.
- 10.26 In a heat race or main event, a rider MAY re-mount and continue to race after having dropped or crashed their machine after a self-inspection of the motorcycle for any fluid leaks, or anything that could deem the motorcycle unsafe to continue.
- 10.27 No competitor shall at any time ride in such a manner as to endanger life or limb of other riders, the officials, or the public and, in violation of this rule, shall be subject to immediate disqualification and suspension by the Referee.
- 10.28 Race day refunds: There are no race day refunds.
- 10.29 AMRA Right of Refusal: the AMRA reserves the right to refuse participation in an event or the issuing of a license to any person for safety or other relevant reasons it deems appropriate. Such a decision is not subject to appeal.

SECTION 11 – LICENSING REQUIREMENTS

All racers must possess a current club membership and club race license to compete in any AMRA race.

Note: see Rider Classification for age requirements in section 12.

- 11.1 AMRA “Youth” licenses are issued to those riders 6-9 years of age.
- 11.2 Only those ages 10 and above are eligible for "Provisional" licenses. AMRA “Provisional” licenses will be issued to all new racers; however, a provisional license may be issued to racers with prior race experience, if warranted, at the discretion of the AMRA. A Provisional license will only be issued upon the completion of a check ride observed by an AMRA official, at a test & tune event prior to their first race meeting.
- 11.3 AMRA “Open” licenses are issued to riders who have previous road racing experience or have shown competent skills as a “Provisional” licensee during the previous season.
- 11.4 AMRA reserves the right to require a “Provisional” rider to bump up to the “Open” class at any time during the year.
- 11.5 AMRA also reserves the right to require a rider to bump down a classification should there be an adequate reason to do so.

SECTION 12 – RIDER CLASSIFICATION

There are four classifications of riders in AMRA promoted events: Youth, Provisional, Women and Open. These classifications are meant to designate the difference between various racer demographics such as age and ability and gender and hence make for safe, fair and non intimidating competition.

- 12.1 Youth refers to riders in the age group of 6-9 years. Due to insurance regulations, youth will not be permitted to race in any other class other than the Youth classes.
- 12.2 Provisional refers to riders 10 years and older and will include first time riders of any age. A Provisional rider must show a clear understanding of the safety regulations and rules. A Provisional rider must show the ability to operate their motorcycle in a safe and prudent manner and will be allowed to participate in AMRA events at the discretion of the AMRA. They will be evaluated during a check ride prior to their first race event. Provisional riders can advance to Open status only after evaluation by a recognized AMRA official. Advancement from Provisional to Open classification is at the discretion of the AMRA. Provisional riders will be required to wear an orange safety vest until deemed competent by a recognized AMRA official.

Note: any riders who have moved upwards from the Provisional class will not be permitted to re-enter the Provisional class in a race event.

- 12.3 Open refers to experienced riders. Only riders who have proven themselves to be amongst the top of the Provisional classification will be promoted to Open license status. Open riders must be able to race safely with top riders from the AMRA or other racing associations.
- 12.4 Any rider who wishes to be upgraded from Provisional to Open status may apply in writing to the AMRA Executive and present their case to be judged on its own merit. In addition, any rider slated for mandatory advancement may protest this change in license status by presenting evidence showing why they should remain at their current rider classification. Rider classification protests will be decided at the discretion of the AMRA.

- 12.5 Any rider who has applied for Open status may, at the discretion of the AMRA Directors, be restricted to riding in that class only at test and tune events until such time they have proven the skills required to safely compete in the Open classes. Simply obtaining an Open class machine does not imply the right to enter these classes during competition. The AMRA reserves the right to restrict the entry of riders to Open classes.

SECTION 13 – CLASS SUMMARY LIST

Note: due to the number of new machines entering AMRA events, the Executive reserves the right to place the unproven machine into the class where the motorcycle appears to meet qualifications. The rider has the right to produce manufacturer's specifications to prove class entry for the machine and/or the unit will be observed for performance levels and reclassified by the Executive according to the machine specs. When purchasing a new untested machine every rider is urged to research the class they intend to run and/or contact the AMRA for classification for the machine.

- (1) Youth 6-9
- (2) Mini Thunder 8-15
- (3) Spec GP 110
- (4) Spec Thunder
- (5) Formula Thunder
- (6) Motard
- (7) Spec Supersport
- (8) Formula Supersport
- (9) Production Sportbike
- (10) Formula GP
- (11) Spec GP 160 Cup
- (12) Ladies
- (13) Supermoto/Thunder Extreme
- (14) Open Clubman

Note: Based on the number of bikes present at each race and / or the decision of the track organization, some of the classes listed in this rulebook may not run, or some of the classes may run together to save track time (not including the Youth class). A minimum of three racers in pre-grid is required for a race to be considered valid.

SECTION 14 – APPROVED MOTORCYCLE MODIFICATIONS AND CLASS STRUCTURE

The following modifications may be made after all safety requirements are met. All motorcycle components (frame, wheels, engine parts, etc.) must be stock and in place unless designated otherwise. Only modifications indicated below are allowed for the specified class. Aftermarket parts are permitted so long as they meet OEM specifications. Should you need to replace OEM parts with aftermarket parts the change must be brought to the attention of the club for approval prior to carrying out any work to ensure machine eligibility.

****NOTE: IF IT IS NOT LISTED, IT IS NOT ALLOWED****

Note: in the interest of providing affordable and fun racing at AMRA events, riders owning an older uncompetitive machine may upgrade that machine and apply in writing to the AMRA for classification in a Spec class. An example of this may be a YSR50 fitted with a stock Derbi or Honda 50cc engine. When applying for classification of this unit for Spec classes it must meet the specifications for both the frame and the engine according to the machine class rules.

When petitioning for classification, the rider must make the case for the unit to compete in the Spec class of his / her choosing. The AMRA reserves the right to place all entries in an appropriate class. Acceptance of a modification to a spec classed machine is not a guarantee of its continued eligibility if the motorcycle is proven to have an unfair advantage in the spec class it is racing in.

14.1 Transponders will be used at all AMRA races. Transponders must be mounted on the front forks of the motorcycle in a safe location. In all races, if a rider does not have a functioning transponder on their bike, the rider will be *disqualified from that race*. If a bike has two transponders on it while racing, the rider will be disqualified from that race. Any transponders “borrowed” for use in a practice or race event must be encased in an AMRA approved material pouch. This pouch must be securely mounted by tie strap and / or tape to the motorcycle frame or body to prevent damage to the transponder. Replacement of a damaged “borrowed” transponder due to the inadequate mounting is the rider’s responsibility. The mounting of the transponder to the motorcycle, including drilling holes

for the straps, is not considered modification under the rules. Rented or loaned transponders are NOT to be secured with tape (unless in an approved pouch) as it leaves them in a sticky condition. Loaned transponders must be secured with tie straps or other non-marking methods.

- 14.2 *If a racer can't maintain a lap time within 15% of the lead rider in that class they may be removed from the class for safety reasons.*

14.3 Youth 6-9 Class

This is a Spec class and all stock motorcycle components must be in place and unmodified unless specified below. Minimum Age is 6 years old at the time of racing. Maximum age is 9 years old, unless a competitor has completed a race that season at 9 years old and then turned 10, they will be allowed to complete the season in this class.

- a) Engines are stock, limited to maximum 70cc air-cooled 4-stroke engines and maximum 50cc air-cooled 2-stroke engines. Machines are restricted to wheel sizes 10-inch or less. Off road chassis motorcycles only, no slicks permitted.
- b) Carburetor modifications are restricted to changes in needle jet, pilot jet and main jet only. Main jetting is not to exceed 25 percent of stock jetting.
- c) Only external changes to gearing allowed.
- d) Only commercially available pump gas may be used. Additives for lubrication will be permitted provided they fall within AMRA rules.

14.4 Spec Mini Thunder Class 8-15

This is a Spec class for maximum 110cc 4-stroke off-road style motorcycles without a manually operated clutch. All stock motorcycle components must be in place and unmodified unless stated below.

- a) Maximum 110cc single vertical cylinder 4-stroke air cooled engines semi-auto gearbox.
- b) Carburetor modifications are restricted to changes to needle jet, pilot jet and main jet only. Main jetting is not to exceed 25 percent of stock jetting.
- c) Only OEM oversized piston sizes, or equivalent are allowed.
- d) Only external changes to gearing are allowed.
- e) Stock bodywork must be retained. Stock seats may be modified but must retain stock mounting points.
- f) Aftermarket handlebars may be used but must retain stock mounting points and the grips must be above the level of the upper triple tree.
- g) No suspension modifications allowed other than the installation of spacers / tubing, springs and fork oil to stiffen the suspension. All stock factory adjustments may be utilized.
- h) Aftermarket DOT tires are allowed but motorcycles must retain stock OEM hubs and rims. Slicks are not allowed.
- i) Heavy duty spokes are allowed.
- j) Only commercially available pump gas may be used.
- k) A racer meeting the age requirements and showing an ability to consistently lap below the specified lap time average, will be promoted to the Spec Thunder class at the end of the season. The rider will be invited to race in any subsequent Thunder races for the remaining season and awarded points in the Thunder class

accordingly. They may remain racing in mini-thunder if they so choose but will not be awarded any further points.

14.5 Spec GP 110 Cup

This is a Spec class for Ohvale, Bucci and similar brand machines. All stock motorcycle components must be in place and unmodified unless specified below. Minimum Age is 8 years old at the time of racing.

- a) Engines must remain stock and are limited to maximum 110cc air & oil cooled 4-stroke engines. Clutch can be manually or automatically actuated
- b) Carburetor modifications are restricted to changes in needle jet, pilot jet and main jet only. Main jetting is not to exceed 25 percent of stock jetting.
- c) Only external changes to gearing allowed.
- d) Only commercially available pump gas may be used. Additives for lubrication will be permitted provided they fall within AMRA rules.

14.6 Spec Thunder Class

This is a Spec class for maximum 125cc 4-stroke off-road style motorcycles. All stock motorcycle components must be in place and unmodified unless stated below.

- a) Maximum 125cc single vertical cylinder 4-stroke air cooled engines.
- b) Carburetor modifications are restricted to changes to needle jet, pilot jet and main jet only. Main jetting is not to exceed 25 percent of stock jetting.
- c) Only OEM oversized piston sizes, or equivalent are allowed.
- d) Only external changes to gearing are allowed.
- e) Stock bodywork must be retained. Stock seats may be modified but must retain stock mounting points.
- f) Aftermarket handlebars may be used but must retain stock mounting points and the grips must be above the level of the upper triple tree.
- g) No suspension modifications allowed other than the installation of spacers / tubing, springs and fork oil to stiffen the suspension. All stock factory adjustments may be utilized.
- h) Aftermarket DOT tires are allowed but motorcycles must retain stock OEM hubs and rims. Slicks are not allowed.
- i) Heavy duty spokes are allowed.
- j) Only commercially available pump gas may be used.

14.7 Formula Thunder

- a) Maximum 65cc single cylinder 2-stroke liquid cooled engine or maximum 80cc single cylinder air cooled 2-stroke engine. Maximum 125cc single cylinder liquid cooled 4stroke engine or maximum 200cc single cylinder air cooled 4-stroke engines.
- b) No restrictions on modifications within engine displacement restrictions.
- c) Must use DOT tires, race compound tires, or slicks.
- d) Must use an off-road style frame.

14.8 Motard

Weight limits are defined as rider and motorcycle with minimal fuel on board

Maximum 85cc single cylinder liquid cooled 2-stroke or maximum 150cc single cylinder liquid cooled 4-stroke, or maximum 200cc single cylinder air cooled 4 stroke.

- a) Combined weight: >335lb <435lb:

Maximum 105cc single cylinder liquid cooled 2-stroke or maximum 180cc single cylinder liquid cooled 4-stroke, or maximum 350cc single cylinder air cooled 4 stroke.

- b) Combined weight: >435lb:

Maximum 125cc single cylinder liquid cooled 2-stroke or maximum 250cc single cylinder liquid cooled 4-stroke, or maximum 400cc single cylinder air cooled 4 stroke.

- c) There are no restrictions on modifications.

- d) Must use DOT tires, race compound tires, or slicks.

- e) Must use an off-road style frame.

- f) Upon completion of the race, the top five riders are required to enter the weigh building before entering the pits, and record their weight on the provided sheet in case of protest.

14.9 **Spec Supersport Class**

This is a Spec production class. The bike must be a production motorcycle using a sport bike style frame. All stock motorcycle components must be in place and unmodified unless specified below.

- a) Maximum 50cc single cylinder liquid cooled 2-stroke, maximum 80cc single cylinder air cooled 2-stroke, max 100cc air & oil cooled 4-stroke, maximum 125cc single cylinder air cooled 4-stroke. Factory recognised modified motorcycles such as the NSR 50 with an XR100 engine creating an NSF100 may be permitted at club discretion.
- b) Only OEM oversized piston sizes or equivalent are permitted.
- c) Carburetor modifications are limited to changes in needle jet, pilot jet and main jet only. Main jetting is not to exceed 25 percent of stock jetting.
- d) Only external changes to gearing are allowed.
- e) Aftermarket bodywork may be used, but must serve in the same capacity as stock (must use stock mounting points). The stock gas tank must be retained.
- f) Upgraded fasteners for safety wiring purposes may be used.
- g) Aftermarket brake and clutch levers (must retain stock master cylinder).
- h) Aftermarket brake pad and shoes are permitted.
- i) Steel-braided brake lines are permitted.
- j) Unmodified aftermarket DOT Tires, Slicks, or Rain Tires are permitted.
- k) Tire warmers are NOT permitted.
- l) Foot pegs may be cut and sanded smooth, however, must have a slider installed.
- m) Aftermarket rearsets or relocation of factory rearsets are permitted.

- n) Battery, wiring harness, lighting coil and ignition switch may be modified or removed. Kill switch must be in working order.
- o) Kick starter and / or shaft and gear may be removed. The starter motor may be removed. An effective oil seal must be in place.
- p) Aftermarket clutch springs and plates are allowed.
- q) Aftermarket reeds are allowed (reed cage must remain stock and unmodified).
- r) Speedometer and cable may be removed.
- s) Self-returning throttles must be used. Quick Turn throttle permitted.
- t) Aftermarket Handlebars and clip-ons may be used but must mount in stock position.
- u) Motorcycles using factory supplied 10-to-17-inch wheels are allowed.
- v) Modifications to the stock air box are allowed.
- w) No suspension modifications allowed other than the installation of spacers / tubing springs and fork oil to stiffen the suspension. Factory spec OEM rear shock must be used. All stock factory adjustments may be utilized.
- x) Only commercially available pump gas may be used. Additives for lubrication will be permitted provided they fall within AMRA rules.

14.10 Formula Supersport Class

- a) Maximum 65cc single cylinder 2-stroke liquid cooled engine or maximum 80cc single cylinder air cooled 2-stroke engine. Maximum 150cc single cylinder air & oil cooled, 125cc single cylinder liquid cooled 4-stroke engine, maximum 200cc single cylinder air cooled 4-stroke engines.
- b) Motorcycles must use sport bike style frames only.
- c) Wheels 10 to 17 inches are allowed. Must use DOT approved tires or slicks.
- d) No restrictions on modifications within engine displacement restrictions.

14.11 Production Sportbike

- a) Open to 2 cylinder Production 4 stroke sport bikes 300cc and below, single cylinder 390cc max 4 stroke allowed.
- b) Open license holders only.
- c) Street legal pump gas only (87-94 octane RM/2) designed to be run in street legal vehicles.
- d) The replica bodywork must mimic the silhouette of the stock O.E.M. bodywork and tail section. The complete stock O.E.M. seat must be used. Any available windscreen for your model can be used.
- e) Airbox must retain stock O.E.M. appearance.
- f) Adjustments may be made to the swingarm for gearing and chain adjustment.
- g) No quick shifter devices allowed.
- h) CDI/Igniter may be replaced with an aftermarket model.
- i) No master cylinder modifications or replacements of aftermarket master cylinders.
- j) Aftermarket levers are allowed.
- k) DOT tires must be used. Their original tread pattern may not be grooved or modified. Non-DOT grooved rain tires are allowed.
- l) Slicks are not allowed.
- m) Brake linings and/or pads may be changed. Steel braided or Kevlar brake lines may be used as a safety precaution provided no other brake related modifications occur with the installation of the steel lines to the stock system. OEM style aftermarket rotors may be used.
- n) Spark plugs may be changed.

- o) Carburetor jets and settings may be changed or replaced with aftermarket kits. The stock bore and slides must remain (existing drilled holes in the slides can be enlarged).
- p) All components involved in fuel injection systems must remain standard except electronic control modules and the wiring harness, which can be modified or replaced with aftermarket pieces. Fuel injectors must remain stock, throttle body bore and fuel pumps must be OEM as per the motorcycle being entered.
- q) Chains and sprockets may be changed.
- r) Handlebars and clip-ons may be changed for those more suitable for racing.
- s) Rear shocks and rear springs can be exchanged for aftermarket equipment.
- t) Shock linkage can be changed.
- u) The front fork externals must remain stock. Upper and lower triple clamps must remain stock.
- v) A steering damper may be added and must be mounted in a safe and effective manner.
- w) Footrests may be relocated to any position or replaced with aftermarket foot pegs/rearsets. Gearshift and brake pedals may be relocated or replaced without restriction. No sharp protruding edges are allowed, plastic sliders must be attached.
- x) The stock charging system, all wiring, and the battery must remain and be in full operating condition. The battery may be relocated if effort is made to ensure the brackets are well constructed and meets the approval of the chief tech inspector. This includes the alternator and electric starter if fitted to the standard model. The battery must be able to start the bike a minimum of three times and may be replaced with Lithium Ion type battery.
- y) The speedometer, speedometer cable, tachometer, tachometer cable, and any other “dash gauges” may be removed.

- z) No aftermarket wheel sensors allowed.
- aa) Rear passenger pegs must be removed.
- bb) OEM Pistons must be used and cannot exceed stock bore by more than 1mm.
- cc) Aftermarket replacement subframes and fairing mounts are allowed.
- dd) Other than the items mentioned above, the bike must remain stock.

14.12 Formula GP Class

Weight limits are defined as rider and motorcycle with minimal fuel on board

a) **Combined weight: <335lb :**

Maximum 85cc single cylinder liquid cooled 2-stroke or maximum 150cc single cylinder liquid cooled 4-stroke, or maximum 250cc single cylinder air cooled 4 stroke.

Combined weight: >335lb <435lb:

Maximum 105cc single cylinder liquid cooled 2-stroke or maximum 180cc single cylinder liquid cooled 4-stroke, 160cc single cylinder air & oil cooled 4-stroke or maximum 350cc single cylinder air cooled 4 stroke.

Combined weight: >435lb:

Maximum 125cc single cylinder liquid cooled 2-stroke or maximum 250cc single cylinder liquid cooled 4-stroke, 200cc single cylinder air & oil cooled 4-stroke or maximum 400cc single cylinder air cooled 4 stroke.

- b) Engine modifications are otherwise open.
- c) Must use DOT tires, race compound tires, or slicks.
- d) Must use a sportbike or GP style frame.
- e) Modifications are open.
- f) Upon completion of the race, the top five riders are required to enter the weigh building before entering the pits, and record their weight on the provided sheet in case of protest.

14.13 Spec GP 160 Cup

This is a Spec class for Ohvale, Bucci and similar brand machines. All stock motorcycle components must be in place and unmodified unless specified below. Minimum Age is 10 years old at the time of racing.

- a) Engines must remain stock and are limited to maximum 160cc air & oil cooled 4-stroke engines.
- b) Carburetor modifications are restricted to changes in needle jet, pilot jet and main jet only. Main jetting is not to exceed 25 percent of stock jetting.
- c) Only external changes to gearing allowed.
- d) Only commercially available pump gas may be used. Additives for lubrication will be permitted provided they fall within AMRA rules.

14.14 Ladies Class

This class is open only to Provisional and Open license female racers.

- a) Youth 6-9 motorcycles cannot be used in this class (CRF70, DRZ70, etc...)
- b) Engine & motorcycle modifications are as the originating class.
- c) Must use DOT tires, race compound tires, or slicks.
- d) Provisional license holders are restricted to a maximum of 125cc and 300cc four stroke machines for Open License.

14.15 Supermoto

- a) Off road motorcycle engines must be used.
- b) Open licence holders only
- c) Engines are restricted to single cylinder engines of a 450cc 4 stroke or 350cc 2 stroke maximum capacity.
- d) Engine modifications are open within the capacity restriction.
- e) Must use DOT tires, race compound tires, or slicks.
- f) Must use an off-road style frame.
- g) Aftermarket handlebars are allowed.
- h) Aftermarket triple clamps are allowed
- i) Hand grips must be above the level of the upper triple clamp.

14.16 Open Clubman

- a) Minimum displacement of 4 stroke 125cc single cylinder liquid cooled or 2 stroke 80cc single cylinder liquid cooled.
- b) Engines are restricted to engines of a single cylinder 450cc maximum capacity, 2 or more cylinders 400cc maximum capacity. Two stroke engines are limited to 350cc maximum
- c) Open license holders only
- d) Engine modifications are open within the displacement limits
- e) Must use DOT tires, race compound tires, or slicks.