



# SUPERCROSS

An FIM World Championship



2017 RULEBOOK



## **Introduction**

This Rulebook contains rules and technical requirements governing all events that make up the Monster energy AMA Supercross, an FIM World Championship.

The Rulebook is designed to provide the information you'll need to prepare your motorcycle and yourself for competition, plus an overview of rules that apply to the racing program, along with a summary of offenses and penalties pertaining to rules violations.

The intent of a specific rule will override a competitor's interpretation of a rule. The intent of a rule will be determined by competent officials. If any rule is unclear to the competitor, the competitor is advised to get written approval prior to any modifications.

The AMA in cooperation with the FIM will answer any requests for rule clarifications or interpretations. Requests must be submitted in writing by riders and teams to AMA technical staff. Any prior verbal approval from AMA staff or officials without a written statement from the Technical Department with regard to the interpretation of a rule or procedure will be deemed invalid.

Please note that while every effort has been made to write these rules in a clear and unambiguous fashion, it is impossible to anticipate every circumstance. It will be the Race Director's responsibility to make decisions regarding rules enforcement.

The 250SX class will abide by all rules and regulations set forth in the current Monster energy AMA Supercross, an FIM World Championship rulebook with the exceptions listed in section 5.

The Arenacross® and Arenacross Lites® pro classes use select rules and technical requirements from this book as specified in the Arenacross Supplemental Rules.

**Supercross information can also be found at:**

**[www.amasupercross.com](http://www.amasupercross.com). This includes Anti-Doping, rules, event supplemental regulations, competition bulletins, schedules, event specific information, online registration for license, credential and entry's and anything else you might need.**

Should you have questions regarding these rules or regarding competition as affected by these rules, contact:

AMA Racing Department  
13515 Yarmouth Drive  
Pickerington, OH 43147  
Phone: (614) 856-1900  
Fax: (614) 856-1924  
[www.amasupercross.com](http://www.amasupercross.com)

Or

FIM  
11, Route Suisse  
CH-1295 Mies (Switzerland)  
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[www.fim-live.com](http://www.fim-live.com)

## **DISCLOSURE**

AMA AND THE FIM STRIVE TO REGULATE THE SPORT OF PROFESSIONAL MOTORCYCLE RACING IN THE FAIREST POSSIBLE MANNER. ALL PARTIES INVOLVED IN THE AMA SUPERCROSS, AN FIM WORLD CHAMPIONSHIP ARE EXPECTED TO CONDUCT THEMSELVES IN A PROFESSIONAL MANNER, RESPECTING AT ALL TIMES THE RIGHTS OF OTHERS.

THE RULES FOR COMPETITION ARE INTENDED ONLY AS A GUIDE FOR THE CONDUCT OF THE SPORT PURSUANT TO THE UNIFORM RULES.

RULES DIRECTED OR RELATED TO SAFETY ARE PROMULGATED TO MAKE ALL PERSONS CONCERNED WITH SAFETY, BUT THE AMA AND THE FIM NEITHER WARRANTS SAFETY IF THE RULES ARE FOLLOWED NOR COMPLIANCE WITH AND ENFORCEMENT OF RULES.

MOREOVER, EACH PARTICIPANT IN COMPETITION HAS THE RESPONSIBILITY TO ASSESS THE SAFETY ASPECTS OF FACILITIES AND CONDITIONS AND MUST ASSUME THE RISK OF COMPETITION.

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New rules for the 2017 season are printed in ***bold italic*** type.

**Items that are indicated with a ~~strikethrough~~ are no longer valid.**

Underlined or **bold** text is meant to bring your attention to important items that should not be missed.

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[www.amasupercross.com](http://www.amasupercross.com). This includes Anti-Doping, rules, event supplemental regulations, competition bulletins, schedules, event specific information, online registration for license, credential and entry's and anything else you might need.

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**2017 Monster Energy AMA Supercross, an FIM World Championship \***

**Jan 7: Angel Stadium of Anaheim**

Anaheim, CA (250SX West)

**Jan 14: PETCO Park**

San Diego, CA (250SX West)

**Jan 21: Angel Stadium of Anaheim**

Anaheim, CA (250SX West)

**Jan 28: University of phoenix Stadium**

Glendale, AZ (250SX West)

**Feb 4: O.co Stadium**

Oakland, CA (250SX West)

**Feb 11: AT&T Stadium**

Arlington, TX (250SX West)

***Feb 18: U.S. Bank Stadium***

***Minneapolis, MN (250SX East)***

**Feb 25: Georgia Dome**

Atlanta, GA (250SX East)

**Mar 4: Rogers Centre**

Toronto Canada (250SX East)

**Mar 11: Daytona International Speedway**

Daytona Beach, FL (250SX East)

**Apr 8: Lucas Oil Stadium**

Indianapolis, IN (250SX East)

**Mar 25: Ford Field**

Detroit, MI (250SX East)

**Apr 1: The Dome at America's center**

St. Louis, MO (250SX East)

***Apr 8: CenturyLink Field***

***Seattle, WA (250SX West)***

**Apr 22: Rice-Eccles Stadium**

***Salt Lake City, UT (250SX West)***

**Apr 29: MetLife Stadium**

East Rutherford, NJ (250SX East)

**May 6: Sam Boyd Stadium**

Las Vegas, NV (250SX East/West Shootout)

BOTH 250SX REGIONS WILL RECEIVE CHAMPIONSHIP POINTS EARNED FROM THE COMBINED EAST/WEST SHOOTOUT IN LAS VEGAS.

\*Dates and Locations Subject to Change

## **CATEGORIES OF RACING**

The rules in this book apply to races run as part of the Monster energy AMA Supercross, an FIM World Championship. These races are composed of the two classes, 450SX and 250SX

Supercross is conducted within a stadium-type facility on a specially constructed racetrack. The racetrack generally should be 20 feet in width at its narrowest point, except where narrower sections are a benefit to traffic flow, such as dual-line turns, etc. These sections must be approved by the Race Director prior to the meet. The length of the course is contingent upon the track design and the size of the area of the facility used.

**Supercross information can also be found at:**

**[www.amasupercross.com](http://www.amasupercross.com).** This includes Anti-Doping, rules, event supplemental regulations, competition bulletins, schedules, event specific information, online registration for license, credential and entry's and anything else you might need.

## Section 1

### General Equipment Standards

The motorcycles for use in Supercross competition require homologation. The AMA in cooperation with the FIM will grant homologation approval for Supercross competition motorcycles. The rules concerning these motorcycle components are intended to give freedom to modify or replace some of the parts in the interest of safety and research and development, but with constraints imposed to limit cost. Superseded or redesigned parts must be submitted to AMA for review and approval before their use in competition. These parts must be listed in the current OEM parts list supplied to AMA.

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#### 1.1 Homologation of Motorcycles

Only motorcycles homologated by AMA may be used in competition. AMA will only accept applications for homologation from motorcycle manufacturers or their distributors.

- a. Once a motorcycle has been homologated, it may be used until such time that the homologated motorcycle no longer complies with the technical rules or a maximum of five years.
- b. Compliance with homologation requirements will not guarantee an AMA homologation. The homologation may be withheld or withdrawn for a just cause that the AMA and the FIM deems in the best interest of the sport.
- c. Minimum quantities which must be available through US dealers: All Manufacturers – 400 units per model
- d. Importation quantity deadlines:
  1. Minimum 200 units March 1st of the current season
  2. Minimum 400 units June 1st of the current season
- e. After June 1st, manufacturers must maintain availability of models homologated for the current season to any AMA pro-

licensed motocross competitor until August 1st of the current season. This applies unless the manufacturer can supply documented proof that the units imported to the US as the minimum requirement were sold to North American customers before June 1st of the current season. US distributor team motorcycles are counted as part of the required units up to a maximum of 8 units. Availability requirements do not apply on models homologated in previous seasons.

- f. The homologation procedure and information are available from AMA.

## 1.2 Engines

- a. Engines are restricted to a single cylinder.
- b. Engine Displacement Measurement Calculation.
  1. Engine displacement shall be recorded in cubic centimeters.
  2. Displacement =  $B^2 (0.7854) H X$  B= Cylinder bore; H= Stroke; X= Number of cylinders (bore x bore x 0.7854 x stroke x number of cylinders)
- c. Supercharging or turbo charging is not permitted.
- d. Engine displacements are listed in the technical standards sections for each class. Class displacement limits are absolute, with no overbore allowance.
- e. Bore and Stroke must remain the same as the homologated model.
- f. Material and OEM castings of cylinders, cylinder heads and crankcases must be the same as an originally approved model of the same manufacturer. Material may be added or removed from these items. Cylinder liners or coating may be replaced or added provided the original OEM cylinder casting is utilized.
- g. Four-stroke cylinder head valve angles must remain the same as the homologated model.
- h. Type of intake, including the exhaust power valves, must remain the same as the homologated model (rotary valve, case reed valve, poppet valve, etc.).
- i. Type of cooling system (water, oil or air) must remain as homologated.
- j. Fuel injection is permitted only if it is standard equipment on the homologated model.

## 1.3 Transmissions and Primary Drive

- a. Motorcycles are restricted to the use of rear-wheel drive only.
- b. Primary drive method must remain the same as the homologated model.
- c. The maximum number of speeds in the gearbox is six.
- d. Number of transmission gears must be the same as the homologated model.

## 1.4 Exhaust System

- a. Exhaust pipes and mufflers must fulfill all requirements concerning sound control.

- b. Must be securely attached together and bolted to the frame.
- c. Mufflers must have internal mechanical and/or packed baffling.
- d. The discharge end of the exhaust pipe may not extend beyond the rear edge of the rear tire.
- e. The inside of the exhaust discharge end must be a maximum of 5 inches from the outside edge of the tire or frame. Intent is to prevent another rider's wheel or leg from being trapped.

### **1.5 Sound Requirements**

Sound levels in the 450SX and 250SX classes will be verified with the 2-meter max method. See Appendix C for the details of the testing procedures.

- a. Thru 2017 the maximum sound limit is set at:
  - 1. For pre-race inspection  
Max. 112 dB/A
  - 2. For post-race inspection  
Max. 113 dB/A
- b. All competitors entered may be sound tested at any time. When directed by an Official, the rider must proceed directly to the designated sound test area; failure to do so will result in a penalty.
- c. The normal penalty for violation of the post-race or qualifying sound limit will be:
  - 1. Qualifying: Loss of fastest qualifying time.
  - 2. Heat, Semis or LCQ: A fine as determined by the Race Director
  - 3. Main Events: A fine as determined by the Race Director
- d. If, in the judgement of the Race Director, the post-race or qualifying sound limit violation was unintentional and/or caused by an accident and the violation did not enhance the performance of the motorcycle, the penalty may be waived.

### **1.6 Frame**

- a. The main frame must be the same as an originally homologated model of the same manufacturer.
- b. Cracked or broken frames are prohibited.
- c. Strengthening gussets or tubes may be added, but none may be removed.
- d. All stands must be removed.
- e. All footrests must fold to a 45-degree angle.
- f. The maximum length of the footrest from the pivot point is 5 inches.
- g. Footrests may be raised or lowered, but cannot be lower than the bottom frame tube.
- h. Accessory brackets (for radiator, coil, shock reservoir, etc.) may be changed, relocated or removed.
- i. Engine mount location, steering head location and angle, swingarm pivot point, and rear suspension linkage point must be the same as the homologated model.

- j. The use of offset bearing races for the purpose of altering the steering angle is permitted.
- k. Subframes may be replaced with aftermarket units of steel, aluminum, titanium or the same material of the OEM part. The replacement parts must be similar in design to the production part and utilize original mounting points.

### 1.7 Swingarm

- a. Swingarm must be the same as an originally homologated model of the same manufacturer.
- b. Strengthening gussets or tubes may be added but none may be removed.
- c. Chain guides may be removed or relocated.

### 1.8 Forks and Shocks

- a. The manufacturer's original concept of either single or double shocks must be maintained.

See section 5 for 250SX class specific forks and shock rules

### 1.9 Fuel Tanks

- a. Replacement tanks may be utilized in place of originals provided their weight and capacity are no less than the approved production tanks they replace. Carbon fiber or carbon composite fuel tanks are not permitted.

### 1.10 Fuel Specifications

- a. All motorcycles must use unleaded fuel corresponding to petroleum-based fuel as defined by the American Society for Testing and Materials (ASTM), designation: D4814, with the following clarifications:
  - b. The specific gravity must fall within the range: 0.715 - 0.765 at 60° F.
  - c. The maximum oxygen content is 4.0% m/m.
  - d. The maximum allowable level of lead is 0.025 g/l.
  - e. The only allowable oxygenates are ether and alcohols, as listed and characterized for oxygen mass fraction in ASTM D4814.
  - f. Epoxides (i.e. propylene oxide) will not be considered ethers. Nitrogen-bearing compounds are not permitted.
  - g. Lubrication additives are permitted provided the resulting mixture would meet all other requirements.
  - h. Any infringement of the fuel specifications will automatically result in the disqualification of the competitor from the entire meet. The result of the riders' fuel sample analysis that is more favorable to the competitor (Whether it be the A or B Sample) will be taken into account. Riders can appeal this decision before the competent body.
  - i. See Appendix D for "Fuel Test Procedures."

### 1.11 Handlebars and Controls

- a. Cracked or broken handlebars are prohibited.
- b. Control levers must have minimum 1/2-inch diameter ball ends.

- c. All motorcycles must be equipped with a functional mechanical engine kill device or ignition cut-off switch or button, mounted on the handlebar within reach of the rider's hand when placed on the grip.
- d. All motorcycles must be equipped with a self-closing throttle mechanism.

### **1.12 Brakes**

- a. All motorcycles must be equipped with adequate and operating front and rear wheel brakes.
- b. Brakes must be the same type as the production units. Disc brakes may only be replaced with disc brakes and drum brakes may only be replaced with drum brakes.
- c. Carbon fiber or carbon composite brake discs and/or carriers are not permitted.
- d. Aluminum or titanium brake discs are prohibited.

### **1.13 Wheels**

- a. Wheels and all wheel components, I.E. Spokes, hubs, constructed exclusively of carbon fiber or carbon composite are not permitted.

### **1.14 Tires**

- a. Studded tires, other than rubber, are prohibited.
- b. Paddle (continuous radial rib) tires and tires with lugs having a height of more than 3/4 inch are prohibited.

### **1.15 Telemetry and Traction Control**

- a. Electronic devices designed specifically for traction control are prohibited. This includes sensors that can determine front wheel speed, and any electronic control to the brake systems.
- b. Electronic transmitting of information, including radio communication to or from a moving motorcycle, is prohibited with the following exceptions:
  - 1. Official transponders utilized for scoring purposes (mandatory equipment assigned by Timing and Scoring).
  - 2. Data or video transmitted or recorded for the sole use by the approved event television production.
  - 3. Electronic lap timing devices are permitted. Transmitter beacons must be in an approved area. GPS may be used for lap timing and track mapping only. Receivers/antennas shall not be mounted on the front area of the front number plate.
- c. Data logging is permitted but the information may not be downloaded in real time from a moving motorcycle.
- d. Information downloaded from the motorcycle may be reviewed by the Chief Technical Inspector at any time. Any data viewed by the Chief Technical Inspector will remain confidential.

### **1.16 Weighing Procedures**

- a. Weight limits may be checked by race officials at any time during the meet.

- b. The Chief Technical Inspector may require that motorcycles be cleaned of excess mud or dirt before weighing.
- c. The official scale will be available during the meet for weight checking.
- d. No fluids may be added to the motorcycle, except water to the engine cooling system.
- e. The fuel must be drained from the fuel tank.
- f. Ballast attached to motorcycles is not permitted.
- g. See weight requirements listed under each Supercross class.

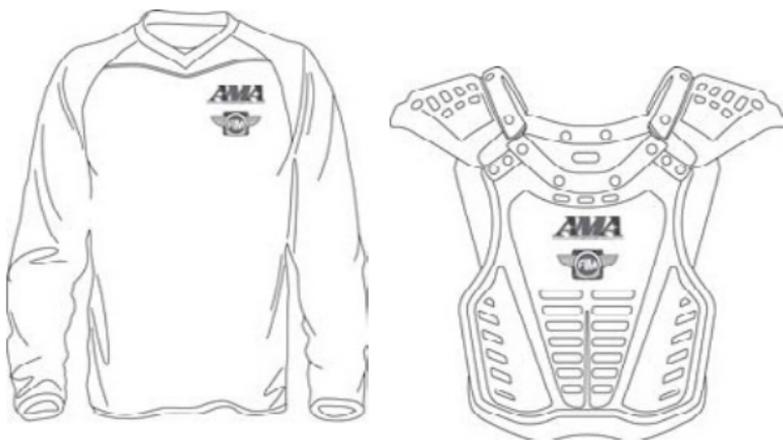
### 1.17 Rider Apparel

- a. Riders must wear helmets at all times when riding on course.
- b. Helmets must be of the full-face type and conform to one of the following recognized standards. Which is certified by a label affixed to the helmet.

United States: Snell M2010 or DOT FMVSS 218
UNITED NATIONS: Regulation ECE 2205 P'
United Kingdom: BSI 6658 Type A
Japan: JIS T 8133:2007

- c. All helmets used by riders in competition must be equipped with the Eject emergency helmet removal system. Riders will be responsible for ensuring that the device is properly installed and operable during all on-track activities. Helmet removal devices and installation information are available at Technical Inspection at all AMA Supercross, an FIM World Championship events.
- d. The use of a video recording device or its likeness is not allowed at any time during on-track competition, including practice, qualifying and races without permission from the Championship promoter.
- e. If an approved helmet camera is used, it must be mounted per the manufactures recommendation.
- f. The use of a portable music player is not allowed at any time during on-track competition, including practice, qualifying and races.
- g. Face shields or Goggles must be shatter resistant. Goggles must be worn at the start of each event.
- h. Boots must be at least 8 inches high.
- i. Jerseys must be long sleeve. Short sleeves or  $\frac{3}{4}$  sleeves not permitted. Elastic cuffs may not be removed. Sleeves must be worn at full length (to the wrist) during competition.
- j. Jerseys must be made of durable material that will protect the rider.
- k. The rider's competition number must be displayed horizontally across the rider's back and legible at a distance.
- l. The number on the rider's back must be a minimum height of 8 inches and a width of 1 inch.

- m. Numbers must be printed in a contrasting color from the jersey color surrounding the placement of the numbers.
- n. The number may be outlined. However, the color of the outlining must be in contrast to the jersey color as well as the number color. For example, a white jersey with orange numbers could use a black outline.
- o. Mylar numbers (silver, gold or other) are not allowed, as they do not meet the requirement of the numbers being of contrasting colors. The only exception to this rule will be for the Las Vegas event.
- p. All riders must display their last name on the back of their jersey at the shoulder line.
- q. If a chest/back protector or neck brace is worn over the rider's jersey, the rider's name and assigned number must be visible either on the jersey or on the chest/back protector.
- r. All riders competing in the 450SX class must display the AMA logo and FIM logo on the upper left front torso or left shoulder area of their jersey. The minimum size of the logos is 2½ inches wide by 2½ inches high.



- s. If the rider uses a chest/back protector, the AMA and FIM logos must be located in the center front on the chest/back protector. This is in addition to the logo located on the jersey.
- t. Pants must be full length and made of a material that will help protect the rider.
- u. Riders must present a clean and neat appearance.

### 1.18 Display of the AMA and FIM Logo

Note: See section 5 for 250SX class logo information

- a. All riders are required to have approved logos in place whenever they are competing in any part of a Monster Energy AMA Supercross, an FIM World Championship event.
- b. The following logos are the approved image to be displayed on the front and side number plates, and rider apparel. The logo is also a part of the front number plate design, which will also include the series title sponsor. The FIM logo is only to be used for the 450SX Class and can be obtained by contacting the FIM at [marketing@fim.ch](mailto:marketing@fim.ch)

**Front number plate:**



**Side number plates and jersey:**



- c. How to obtain the logo and/or logo artwork file:
  - 1. At each event, all number plate stickers and adhesive apparel patches will be available at Technical Inspection.
  - 2. If a third party produces number plates and/or jerseys for you prior to meets, they may request logo files from **kcrowther@ama-cycle.org**. The request for artwork by a third party should include the rider's name.
- d. Disclaimer for use of AMA registered and FIM Trademarks:
  - 1. AMA, FIM and the other logos and trademarks shown herein are trademarks of the AMA and FIM.
  - 2. Participants are to use the approved logos on number plates and apparel only when participating in AMA Supercross, an FIM World Championship events.
  - 3. Any further use of the marks (i.e., the AMA mark, the FIM mark, and other AMA trademarks and logos) outside of this capacity is prohibited without a license from or the express, written permission of AMA and/or FIM.

**1.19 Fundamental Technical Requirements**

- a. Where the rules permit equipment to be installed, replaced, altered or fabricated, it is the sole responsibility of the rider to select components and materials for the fabrication of this equipment that will perform in competition properly and function in a safe manner.
- b. Any component of a motorcycle deemed by the Chief Technical Inspector as necessary for operation must be in

place, securely mounted, in proper working order and structurally sound.

- c. Regardless of previous approval, the permission to use specific components or equipment, including tires and fuel, may be withdrawn for any reason the AMA and the FIM deems is in the best interest of competition.

## **1.20 Rider Responsibility**

**IT IS THE RESPONSIBILITY OF THE RIDER TO SELECT A HELMET AND APPAREL THAT WILL PROVIDE APPROPRIATE PROTECTION.**

**ALTHOUGH AMA AND THE FIM APPROVE MATERIALS, NEITHER THE AMA NOR THE FIM ENDORSES OR GUARANTEES SPECIFIC PRODUCTS OR MANUFACTURERS.**

**RIDERS MUST RELY ON THEIR OWN JUDGMENT IN THE SELECTION OF HELMETS AND APPAREL FOR PROTECTION AND DURABILITY.**

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**[www.amasupercross.com](http://www.amasupercross.com). This includes Anti-Doping, rules, event supplemental regulations, competition bulletins, schedules, event specific information, online registration for license, credential and entry's and anything else you might need.**

## Section 2

### 450SX Class Specific Rules

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450SX Class motorcycles are subject to the following requirements in addition to the applicable requirements in General Equipment Standards. Superseded parts controlled by these rules must be submitted to AMA for review and homologation before use in competition. In addition, these parts must then be listed in the current OEM parts list as supplied to AMA. Motorcycle components not specifically controlled by these rules may be modified, removed or replaced.

Note: See section 5 for 250SX Class Technical Standards

#### 2.1 Engines

- a. Engine Displacements:

150 – 250cc	2-stroke
249 – 450cc	4-stroke

- b. Material and OEM castings of the cylinders, cylinder heads and crankcases must be the same as the originally approved model. Material may be added or removed from these items.

#### 2.2 Weight Limit

- a. Minimum weight requirement:

150 – 250cc	212 pounds
251 – 450cc	220 pounds

See Weighing Procedures (Section 1.16)

#### 2.3 Numbers and Number Plates

Note: See section 5 for 250SX class numbers and number plates

- The current 450SX Class Champion must run a black number 1 with a white background.
- The current point's leader must run a red background with white numbers.
- At the first event of the season, the current 450SX Class Champion will be considered the point's leader and will run the red number plate.
- Number Plate Colors:
  - In the case of a tie during the season, both riders will display the red plate.

450SX class	White plates, black numbers
2016 450SX champion	White plates, black number 1
2017 current points leader	<b>Red plate, white numbers</b>

- e. Numbers must be a solid color.
- f. Excessive condensing or stretching of the numbers is not permitted.
- g. Front numbers must be a minimum height of 6 inches.
- h. Side numbers must be a minimum height of 5½ inches.
- i. The current 450SX Class Champion using the number 1 is allowed to use a special-sized number.
- j. Number display area must be of adequate area to provide ample space around the numbers.
- k. The conformity of the number plate display area will be at the sole discretion of the AMA. If you have any questions about your design, you can submit it to the AMA for approval prior to competition.
- l. Front number plates must be mounted in such a manner as to prevent deflection of the plate during the event. Any attempt at streamlining, such as curved plates, or plates that are not rigidly mounted, is prohibited, unless such plates are standard on the homologated model.
- m. Plastic or fiberglass number plates have a minimum thickness of 1/16 inch.
- n. The top area on the front number plate is reserved for the current AMA Supercross, an FIM World Championship title sponsorship logo. The front number plate sticker must be a minimum height of 1 inch and a minimum width of 8 inches.
- o. For the 450SX Class, the approved front number plate design will contain the current AMA logo followed by the Championship Title Sponsor logo, followed by the current FIM logo.
- p. For the 450SX class the correct AMA Supercross and FIM logos must be displayed on both side number plates. The minimum size of combined logo is 2½ inches wide by 2½ inches high.



- q. The areas indicated on both side number plates are reserved for the current class specific logo(s).
- r. Only numbers and the approved AMA logo, FIM logo or series sponsorship logos are permitted on the number plate display area.
- s. ***Under special circumstances or events, the number and number plate rules may be modified at the sole discretion of the AMA. Any design modification must have prior approval of the AMA.***

## Section 3

### Licenses, Eligibility, Entries and Credentials

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#### 3.1 Competition Licenses

- All riders participating in any on-track practice, qualifying or racing must have a valid AMA and/or FIM World Championship Motocross license of the appropriate classification.
- Licenses are not issued at the racetrack. For riders who wish to subscribe to an AMA license, it is recommended that processing of the license be completed through the AMA office 30 days before the first event you wish to participate in.
- Rider license and crew credential applications will only be accepted through the AMA online process. Please go to [amasupercross.com](http://amasupercross.com) for instructions and the link.
- Additional licensing information is available from the AMA Competition Services Department.

##### AMA

Competition Services  
AMA  
13515 Yarmouth Drive  
Pickerington, OH 43147  
Phone: (614) 856-1900  
Fax: (614) 856-1924

##### FIM

Motocross Commission  
11, Route Suisse  
CH-1295 Mies (Switzerland)  
Phone: 41 (22) 950 9507  
Fax: 41 (22) 950 9501  
e-mail: [dirk.deneve@fim.ch](mailto:dirk.deneve@fim.ch)

#### 3.2 Supercross License Regulations

- All license applicants must be at least 16 years of age at the time of application.
- Prior to being accepted for a license for AMA Supercross, each rider must provide documentation that they have completed an ImPACT Concussion Management Test, which shall be used by the Chief Medical Officer, to assist in determining when a rider will be allowed to return to competition after suffering a concussion.
- AMA licensed riders not competing in AMA sanctioned events for a period of three years may lose their prior classification.
- Applicants renewing a license that has been expired for more than three years must meet the present requirements for a Supercross License. This requirement may be waived under special circumstances through an appeal made to the AMA.
- Riders who earned a 2014/15/16 AMA Supercross license may apply for their 2017 license based on the criteria for which it was earned in 2014/15/16.
- Foreign riders applying for an AMA license must submit a release and certification from their licensing federation.

- g. FIM Motocross World Championship licenses for riders, valid for the Monster Energy AMA Supercross, an FIM World Championship 250 and 450 classes, are issued by the rider's FMN.
- h. In order to obtain a FIM Motocross World Championship license for riders, the applicant must first hold a current national license of his respective FMN.
- i. Applicants must attach to their rider's FIM Motocross World Championship license application a certificate of medical fitness issued by a doctor.
- j. Applicants aged over 50 years must attach to their rider's license request a certificate of medical fitness (including a normal exercise tolerance electrocardiogram) issued by a doctor.
- k. The limit for the minimum age starts on the date of the rider's birthday and the limit for the maximum age finishes at the end of the year in which the rider reaches the age of 50.
- l. Foreign riders competing with only a FIM World Championship license will not be eligible for points towards an AMA National number.
- m. All AMA Supercross licenses are considered provisional. The license process will not be considered complete until the rider competes in his/her first three events without issue.
- n. All AMA Supercross licenses are issued at the discretion of AMA and may be revoked at any time.

### **3.3 National Numbers**

- a. All riders must use the competition number that has been assigned for the current season. This includes the Championship number 1, career number or an earned national number.
- b. Number 1
  - 1. Current Champion must run the #1.
- c. Numbers 2-9
  - 1. Past Champions from the previous competition year may choose a permanent single digit career number if available.
- d. Career Numbers 10-99
  - 1. Riders who finish in the top 10 in Championship points from the combined 450SX, 250SX, 250MX and 450MX classes from the previous competition year will have priority for the selection of a National two-digit available number for their career number.
  - 2. Riders who fail to earn at least 25 championship points during the season preceding the new season will lose their career number and be issued a new number based on current points. Special consideration is given to a rider if he/she is confirmed with a season long injury or other special circumstance which prevents him from competing that season.

e. Numbers 10-999

1. Riders who finish outside the top 10 but inside the top 100 will be assigned consecutive two digit numbers until the supply of two digit numbers are exhausted.
2. The total combined points from the 450SX, 250SX, 450MX and 250MX classes will be used to determine the order. National numbers are then issued according to highest to lowest total points. In case of riders having the same amount of total points the tie is broken by the best Moto finish for those riders. In the event you have a rider that rode just SX and one that rode SX and Motocross, the tie would go to the rider that rode both series.

f. 101 through 110

1. Held for top riders from overseas that would like to participate in that year's SX or MX.

**3.4 450SX Class License Eligibility**

Note: See section 5.1 for 250SX class license eligibility guidelines.

Requirements for a 2017 AMA Supercross 450SX license:

- a. All license applicants must be at least 16 years of age at the time of application.
- b. Prior to being accepted for entry for any AMA Supercross meet, each rider must provide documentation that they have completed an ImPACT Concussion Management Test, which shall be used by the Chief Medical Officer, to assist in determining when a rider will be allowed to return to competition after suffering a concussion.
- c. In addition to the age requirements and ImPACT test, riders must meet one of the following criteria to be eligible for an AMA 450SX class license.
  1. Held a 450SX class license during the 2013 thru 2016 AMA Supercross season.
  2. Qualified into the evening program in the 250SX class at least one time during the 2014 thru 2016 AMA Supercross season.
  3. Hold a current FIM Motocross World Championship license.
- d. The AMA may issue a license to any rider who does not meet the above criteria. This option will only be used in very rare occasions when special circumstances apply.

**3.5 Supercross Entries**

Note: See section 5 for 250SX class entry procedures.

- a. All riders participating in any on-track practice, qualifying or racing must have a valid AMA and/or FIM World Championship Motocross license of the appropriate classification.
- b. Entries will only be accepted through the AMA online process. Please go to [amasupercross.com](http://amasupercross.com) for instructions and the link.
- c. Prior to being accepted for entry for any AMA Supercross meet, each rider must provide documentation that they have

completed an ImPACT Concussion Management Test, which shall be used by the Chief Medical Officer, to assist in determining when a rider will be allowed to return to competition after suffering a concussion.

- d. Supercross will be pre-entry ONLY and limited to 80 riders. Post entries will only be permitted under special circumstances and at the sole discretion of AMA and the FIM. All post entries will require a minimum of a \$50 administration fee.
- e. All Supercross meets are pre-entry. Pre entries close 21 days prior to the first event of the season. All other pre entries close 5 days prior to each event.
- f. If at any point in time after the closing date of entries, the total number of entries should not reach 80, AMA or the FIM is entitled to enter more riders to reach the number of 80 riders. These riders must be entered before the end of the technical verifications prior to the riders meeting. All entry conditions cited in these regulations apply to the riders in question.
- g. Riders may only enter one class at Supercross (no double classing).
- h. Entries will be accepted for the 450SX class in the following order until the classes reach the 80-rider limit:
  - 1. Top 45 in points from 2016 in the 450SX class and pre-entered for the entire season.
  - 2. Top 40 in points from 2016 in AMA 450MX class or any 2016 FIM Motocross World Championship and pre-entered for the entire season.
  - 3. Riders earning points outside the top 45 in the Supercross class in 2016 or outside the top 40 in the AMA 450MX class or any FIM Motocross World Championship in 2016 and pre-entered for the entire season.
  - 4. After a rider earns championship points in the current championship series, his or her entry for any following events in the series is guaranteed, provided the entry is received before the closing date.
  - 5. No 2016 points in any AMA 450SX or AMA 450MX class, or any 2016 FIM Motocross World Championship, but pre-entered for the entire season.
  - 6. Top 45 in points from 2016 in the 450SX class, but not pre-entered for the entire season.
  - 7. Top 40 in points from 2016 in the AMA 450MX class, or any 2016 FIM Motocross World Championship, but not pre-entered for the entire season.
  - 8. Riders earning points outside the top 45 from 2016 in the 450SX class or the top 40 in the AMA 450MX class, or any 2016 FIM Motocross World Championship, but not pre-entered for the entire season.
  - 9. For those with no points and not pre-entered for the entire season, the date on which the pre-entry was received at the AMA Office in Pickerington, Ohio will be the determining factor for acceptance.

- i. Verification of the acceptance of an entry may be checked at [amasupercross.com](http://amasupercross.com)
- j. Acceptance of entries may be granted for special circumstances. All entries will be accepted at the discretion of AMA and the FIM.
- k. All entry fees are non-refundable once the closing date has passed.
- l. Exceptions will be made only if AMA is notified 5 days prior to the event with a legitimate medical excuse.
- m. To be considered as pre-entered for the entire season, a complete entry form with total fees for the 17 450SX class events must be received by **Dec 09, 2016**.

Supercross information can also be found at:  
[www.amasupercross.com](http://www.amasupercross.com). This includes Anti-Doping, rules, event supplemental regulations, competition bulletins, schedules, event specific information, online registration for license, credential and entry's and anything else you might need.

## Section 4

### Race Rules and Procedures

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#### 4.1 The Racing Program

- a. Supercross events are composed of a 20-lap final race for 22 riders in the 450SX class and a 15-lap final race for 22 riders for the 250SX class, **or a timed format**. The field is qualified through a series of qualifying practices and qualifying races staged throughout the event.

#### 4.2 Participant Regulation

- a. Every club, association, company, promoter, rider, and all other persons participating in or in any way connected with a Monster Energy AMA Supercross, an FIM World Championship race event, will be considered participants and therefore bound by the Monster Energy AMA Supercross, an FIM World Championship Rulebook.

#### 4.3 Credential Display

- a. All Credentials provided by AMA are the property of AMA and can be revoked at any time without refund of credential fees. Use and display of credentials are subject to the following:
- b. Credentials are issued for exclusive use by the person named on the credential. The lanyard is considered part of the credential and must be worn with the credential around the neck.

- c. Transfer, misuse of, or failure to display the credential as described is cause for disciplinary action or revocation.
- d. A credentialed person without the proper issued credential in his or her possession may be required to pay the applicable race day rates to be issued the appropriate pass for access to the meet.
- e. At all times, the Championship Promoter must have available a minimum of six "all access" passes/credentials for persons and three passes for parking as close as possible to the paddock for FIM use.

#### **4.4 Bulletins and Supplementary Regulations**

- a. Competition Bulletins or Supplementary Regulations for the purpose of implementing, interpreting and enforcing these Competition Rules will be considered part of the Rules.

#### **4.5 Anti-Doping Code**

- a. 450SX and 250SX class.
  - 1. The 450SX and 250SX class riders will follow the terms and conditions of the FIM Anti-Doping Code.
  - 2. It is the rider's responsibility to understand all aspects of the FIM anti-doping code including but not limited to the Prohibited Substance list and Therapeutic Use Exemption application process.
  - 3. All riders must sign a FIM anti-doping acknowledgement form prior to being allowed to compete.
- b. AMA Officials and Crew credential holders.
  - 1. AMA Officials and crew credential holders will follow the terms and conditions of the AMA Substance Abuse Policy.
- c. Random tests for drugs and alcohol may be conducted at the discretion of AMA the FIM or their respective drug-testing partners.
- d. Compliance with the FIM Anti-Doping Code or AMA's Substance Abuse Policy is an essential precondition to the issuance of a Professional Competition license or event credential.
- e. Any violation of the policy or refusal to submit to testing as requested by AMA, the FIM or their respective drug-testing partners may result in the immediate suspension of the competitor's license and loss of all rights to compete in AMA Racing sanctioned events, or FIM sanctioned events.
- f. Both the AMA Substance Abuse Policy and the FIM Anti Doping Code are available online at [amasupercross.com](http://amasupercross.com) or upon request from the AMA office.

#### **4.6 Intravenous Hydration**

- a. At no time during the meet will a rider receive any type of intravenous hydration unless such hydration is deemed medically necessary by medical personnel as a result of an emergency medical situation (e.g. heat stroke) encountered by a rider, during, or as a result of competing in the meet.
- b. Once a rider receives such hydration during the meet, the rider will be permitted to compete only after the CMO has deemed the rider safe and has released them to continue in the meet.

#### **4.7 Track Rentals**

- a. Exclusive race track rentals for the purpose of testing or practice within 72 hours of an event that will take place at the rented facility is not permitted.
- b. ***Participating in the promoter organized press day prior to the event is allowed. Participation will be at the discretion of the promoter.***

#### **4.8 Inclement Weather / Unacceptable Track Conditions**

- a. Events may be conducted regardless of weather conditions.
- b. In the event of rain or other unfavorable conditions, it may be necessary for the Race Director to alter the order of the event schedule, including, but not limited to: adjusting the length of races, practices and qualifying sessions, and delaying or stopping the program completely.
- c. Should a delay occur, the Race Director will make every effort to resume the schedule in a timely fashion if conditions significantly improve.
- d. If an event is stopped due to weather or other conditions, riders will be paid for purse-paying events that have been completed.

#### **4.9 Motorcycle Usage**

- a. Riders must use the same motorcycle (same main frame) for qualifying and the main program.
- b. If the motorcycle's mainframe is damaged, the frame may be changed only with approval from the Race Director. Approval must take place prior to usage of the new frame.
- c. Riders must use the same motorcycle for parade or sighting lap as the race.

#### **4.10 Pit / Paddock Regulations**

- a. Riding of competition motorcycles, other than on the racetrack or designated warm-up lane, is discouraged. Helmets must be worn at all times in the warm-up lanes.
- b. Operation of a vehicle in the paddock must be at a very slow, acceptable speed (5 MPH maximum).
- c. A rider or mechanic testing a motorcycle in the designated test area must wear a helmet and be dressed to offer some protection (pants, shirt and shoes).
- d. Persons less than 16 years of age are not allowed in mechanic's area or other restricted areas.
- e. Pets are not allowed in the mechanics' area or other restricted areas.

- f. Pets in the paddock must be on a leash or properly contained.
- g. All persons in the mechanics' area must be in proper dress. Shirts must have a collar. Open-toe shoes, cut-offs and sleeveless shirts/tank tops are not permitted.
- h. Before leaving a race facility, it is the responsibility of riders/teams to deposit all of their waste fuel, fuel drums, motor oils, coolants, tires, batteries, black water and all other hazardous wastes in the proper hazardous waste disposal area provided by the track. Should containers not be available on-site, riders/teams must transport such items from the facility for proper disposal.

#### **4.11 Rider Meetings**

- a. All riders entered in the event must attend the rider meeting.
- b. The Race Director may call roll or spot-check attendance.
- c. Failure to attend the riders meeting may result in a fine.

#### **4.12 Mechanics Signaling Area**

- a. Mechanics' must present a clean and neat appearance.
- b. A proper credential and/or a mechanics signaling pass must be displayed to enter the signaling area.
- c. Only one mechanic per rider will be allowed in the signaling and starting area.
- d. Mechanics' must be in uniform designating a rider or team.
- e. Cut-offs, sleeveless shirts and open-toe shoes are prohibited in the mechanic's area, starting area and infield. Shirtless individuals are also prohibited in these areas.
- f. Shirts must have a collar.
- g. Mechanics' and teams are encouraged to display the AMA/FIM Racing patch on uniform shirts.

#### **4.13 Team Manager's Tower**

- a. The team manager's tower is provided by the Championship promoter as a courtesy to allow an unobstructed viewing area for current team managers during on track activity.
- b. The promoter will use its best effort to place it in an area best suited for viewing. This placement must take into consideration safety and access which will always take precedence over line of sight.
- c. A team manager credential and team shirt must be displayed to enter. Only one team manager per team will be allowed at any given time. A team manager pass may be obtained from the Championship promoter.
- d. Due to size and location, it is recommended that the team manager only be present when they have a rider on track.
- e. Any abuse of the privilege will result in a loss of access for that team.

#### **4.14 Team Filming Area**

- a. The team filming area is provided as a courtesy by the Championship promoter to allow an unobstructed filming area for current teams during on track activity.
- b. The promoter will use its best effort to provide it in an area best suited for filming.
- c. A team filming camera pass and team shirt must be displayed to enter. A team filming pass may be obtained from the Championship promoter.
- d. Due to size and location, it is recommended that the team representative only be present when they have a rider on track.
- e. Any abuse of the privilege will result in a loss of access for that team.

#### **4.15 Technical Inspections**

- a. Technical inspections of motorcycles, equipment and riding apparel will be held prior to and after a race event, or at other times as determined by the Race Director or Chief Technical Inspector.
- b. Although the motorcycle, equipment or apparel passed prior inspections, the motorcycle, equipment or apparel must be in compliance with the rules at the post-race inspection.
- c. Only motorcycles having passed tech inspection will be allowed on the racetrack.
- d. Motorcycles must be class legal and must meet all equipment requirements.
- e. More than one motorcycle per class may be presented and passed through initial technical inspection provided frame numbers are properly recorded indicating race motorcycle and practice motorcycles. Motorcycles used for timed qualifying are considered race motorcycles and must be used for the rest of the meet.
- f. For the purpose of inspection and conformity to the rules, the Race Director or Chief Technical Inspector may require the disassembly of any officially entered motorcycle at any time during the meet. If an inspection requires a disassembly, consideration may be taken for the event schedule. In these cases, parts may be sealed for inspection at the conclusion of the event.
- g. During post-race technical inspections or teardowns, only two working mechanics for each impounded motorcycle are permitted in the inspection/impound area.
- h. Only the Race Director, Chief Technical Inspector or designated personnel may inspect impounded motorcycles or equipment.

#### **4.16 On-Track Regulations**

- a. No rider may ride in such a manner as to endanger life or limb of other riders, officials or the public.
- b. No one, except riders officially entered, may ride or practice on the racecourse on the day of the event ***without approval from the AMA.***

- c. Unofficial practice on the day of the race is prohibited.
- d. Unless directed to do so by the Race Director or his designee, no one will be permitted to ride a motorcycle in the wrong direction on the track.
- e. Except in the designated mechanics' area, no adjustment, repairs or refueling may be made to competing motorcycles by pit crews during a race. Riders must pull into the designated mechanics' area and be off the racetrack before receiving crew assistance.
- f. A rider may make repairs during a race, without assistance, in a suitable area, off the racetrack.
- g. Outside assistance to a rider on the course is forbidden at all times except when the assistance is given by flag marshals or officials placed by the Race Director for the purpose of control and safety with the following exceptions:
  - 1. Assistance by crewmembers is permitted only in the designated repair and signaling zone.
- h. Receiving medical treatment while on track during a race, outside of the scope of evaluating their ability to continue will be considered outside assistance and the rider will not be allowed to continue that race.
- i. A rider leaving the course may continue the race by properly re-entering the track at the closest safe point to where the rider left the course without gaining an advantage.
  - 1. While off course the rider may not accelerate in an unsafe manner.
  - 2. If a rider accelerates in an unsafe manner while off course or cuts part of the race course, the rider may be determined to have gained an advantage without gaining a position.
  - 3. It will be the duty of the Race Director or his designee to make the determination as to whether a rider gained an advantage by leaving the racecourse and re-entering.
  - 4. The penalty for gaining an advantage while off course during a race will be the loss of number of positions gained plus one additional position in the final results for that race. If no positions were gained, the penalty will be the loss of one position in the final results for that race.
  - 5. The penalty for gaining an advantage while off course during qualifying will be the loss of the rider's fastest lap time during that session.
- j. A motorcycle that leaves the stadium floor or infield of a speedway during a race will not be permitted to return to the racetrack.
- k. Intentionally stopping on the racetrack during timed practice is prohibited. Every time a rider is found in violation of this rule he or she will have his or her fastest lap of that session removed from the official results. A stoppage on the racetrack resulting from a mechanical issue or a fall down will not be considered intentional. The Race Director or his designee will make the

determination as to whether or not the stopping was intentional.

- i. During a race or qualifying session, a rider must always attempt to succeed. If not, he or she shall not be allowed to continue the race or qualifying session and may be penalized by the Race Director.

m. Rider Injuries:

1. All riders may be subject to a special medical examination given by the Chief Medical Officer at any time during the event.
2. All injured riders during an event must be cleared by the Chief Medical Officer as medically fit to compete.
3. Any rider that refuses the special medical examination will be disqualified from the event and placed on the medically unfit list.

#### 4.17 Flags and Lights

***It is the rider's responsibility to be aware of their surroundings at all times while on track. Safety is a main priority and the riders must obey all official signals and directions given to them. Any rider failing to do so may be penalized.***

a. **Solid Blue Flag:**

1. Indicates you are about to be overtaken by faster riders.
2. When conditions allow, move out of the fast line.
3. Hold your line (don't ride erratically) and do not impede the faster riders progress.
4. Riders disregarding the blue flag may be black-flagged at the discretion of Race Director.

b. **Yellow Flag or Yellow Flashing Light:**

1. Indicates serious hazard on or near the track. This includes the sighting or cool down laps.
2. Passing is allowed
3. Proceed with extreme caution.

c. **Black Flag:**

1. Indicates a problem with a rider's motorcycle or a penalty.
- ~~2. A number board displayed with the flag indicates the rider being signaled.~~
2. The black flagged rider must carefully reduce speed and proceed around the course to the mechanic's area.
3. Black-flagged riders are not permitted to return to the racecourse unless cleared by the Race Director.

d. **Red Flag:**

1. May be displayed anywhere on course.
2. Indicates the practice, qualifying or race has been stopped.
3. Reduce speed and proceed safely as directed by a race official.

**e. White Flag with Red Cross or Red Flashing Light:**

1. This flag or a red flashing light may be displayed at the beginning of a triple jump or a series of jumps.

~~The riders must roll each jump individually with no passing and exercise extreme caution until they are past the area of concern. When used on a triple jump, the area of concern is at a minimum, the whole obstacle, I.E. if a rider is down on the face of the triple or after the first or second jump you must not jump any section of the triple.~~

2. Takes precedence over all other flags that may be displayed.

**3. No Passing is allowed until clear of the incident.**

**4. Riders must follow all directions given by race officials in that section.**

**5. The riders must do all of the obstacles individually, I.E. NO double, triple, step on/off etc. until clear of the incident.**

**6. Riders must exercise extreme caution and not race or accelerate in an unsafe manner until they are clear of the incident.**

7. When used on a triple jump, the area of concern is at a minimum, the whole obstacle, I.E. if a rider is down on the face of the triple or after the first or second jump you must not jump any section of the triple.

8. This includes the sighting or cool down laps.

**9. If the Race Director determines that there was a blatant violation of this rule, the penalty for non-compliance will be:**

- a. During practice and qualifying, the loss of the fastest lap time during that session.
- b. During Heat, semi, or LCQ races, the loss of number of positions gained plus two additional positions in the final results for that race.
- c. During a main event race, if no positions were gained, the penalty will be the **points and purse equal to** two positions in the final results for that race **plus two additional points**.
- d. During a main event race, if any positions are gained, the loss of number of positions gained plus **the points and purse equal to** two additional positions in the final results for that race, **plus two additional points**.
- e. **During a sighting or cool down lap, a fine as determined by the Race Director.**
- f. **If at any time, the Race Director determines that it wasn't a blatant violation of the rule, a warning or fine may be issued.**

**f. Checkered Flag:**

1. Indicates the end of a race or practice session.
2. Proceed to the designated track exit.

#### **h. Courtesy Flags:**

1. **Green Flag:** Indicates the start of a race or clear track conditions.
2. **White Flag:** Indicates the final lap of a race.
3. **White and Green Flags Crossed:** Indicates 1/2 total race distance.

#### **4.18 Supercross Races**

Note: See section 5.11 for 250SX class races.

- a. The Monster Energy AMA Supercross, an FIM World Championship events are organized according to an established procedure/model:
  1. Free Practices
  2. Timed Qualifying Practices
  3. Two Heat Races
  4. Two Semi Races
  5. One Last Chance Qualifier
  6. One Final (Main event)
- b. In the Heat Races, 1<sup>st</sup> through 4<sup>th</sup> will advance to the Main event; 5<sup>th</sup> through 20<sup>th</sup> will advance to a Semi.
- c. In the Semi, 1<sup>st</sup> through 5<sup>th</sup> will advance to the Main Event. 6<sup>th</sup> through 16<sup>th</sup> will advance to the Last Chance Qualifier.
- d. In the Last Chance Qualifier, 1<sup>st</sup> through 4<sup>th</sup> will advance to the main. The 450SX class Main Event will be 20 laps or a timed format to be determined.
- e. The first rider across the finish line at the conclusion of a race is the winner.
- f. The two Heat Races, Semi's, Last Chance Qualifier and the Final (Main Event) may also be referred to as "the evening program".
- g. A Heat Race, Semi, Last Chance Qualifier or the Final (Main Event) may also be referred to as "Race(s)".

#### **4.19 Qualifying**

- a. All ~~qualifying~~ practices will be timed.
- b. Afternoon qualifying practices will be used to compile the 40 fastest riders (the "Fast 40") in the 450SX and 250SX Classes. These 40 riders will advance to the Evening program. ***Under special circumstances, the free practice times may be used to determine qualifying positions.***
- c. If a rider or riders have qualified in the top 40 but are unable to participate in the evening program, an alternate rider that qualified outside of the top 40 may be allowed into the heat races. This will be done starting with the 41<sup>st</sup> qualifier until all positions for the evening program are filled.
  1. These riders will pick their gate position in the order in which they qualified after all riders in that heat race from the top 40 have gated.
  2. Alternate riders allowed to the gate through this process will not be considered officially in the race until the "three minutes before the 30 board" call from Race Direction

3. If a rider that has earned a top 40 qualifying position enters the final staging checkpoint prior to the “three minutes before the 30 board” call from Race Direction, that rider will be allowed to start and the alternate will be removed.
  4. If a rider that has earned a top 40 qualifying position knows that they will not be able to make the start of the heat race but still intends on participating in the Semi/LCQ, they must inform the Race Director of their intent prior to the staging of the heat race.
  5. Once a top 40 qualified rider is officially replaced by an alternate, the qualified rider is no longer eligible to participate in any further races at that meet.
  6. Riders outside of the top 40 may be denied this option based on lap times at the sole discretion of the Race Director.
- d. Afternoon qualifying practices will also be used to determine the order for gate picks in the Heat Races. The fastest rider will be the first gate pick in the second heat. The second fastest rider will be the first gate pick in the first heat race and so on until all qualifying riders are placed in a heat race.
- e. In the 450SX class only, a rider who is currently in the Top 10 in points who fails to make the Fast 40 in qualifying practices may request an exemption to be put in the 450SX heat race.
1. To be eligible for this exemption a rider must:
    - a. Currently be in the top ten in Championship points.
    - b. Record at least one officially timed lap during a practice or qualifying practice.
  2. The first non-qualified rider will be placed on the 21<sup>st</sup> gate pick in the first heat race. A second non-qualified rider will have the 21<sup>st</sup> gate pick in the second heat race.
  3. Up to a maximum total of 2 non-qualified riders can be placed in each heat race. They will be placed in their respective heat race in priority of their fastest recorded qualifying time.
  4. If all riders are present for the 450SX LCQ and there are more than 22 riders, the 23, 24, 25, and 26 positions will be started on a second row.

#### **4.20 Supercross Staging**

- a. Once a motorcycle enters the staging area and is called to the starting gate, the motorcycle will not be permitted to return to the paddock. If the motorcycle leaves the staging area after this point the rider will not be permitted to start the race.
- b. The only exception to this rule will be when a motorcycle fails to start and an attempt is made to push start the motorcycle. The motorcycle must be under visual control of an official at all times during this process.
- c. Riders or crewmembers observed to be relieving themselves anywhere other than in a fixed or portable restroom will be penalized.

#### 4.21 Starting Procedures

- a. The Supercross starting area dimensions will be as follows:
  1. Starting gate minimum width: 80 feet
  2. Minimum length of the starting area: 120 feet
  3. Minimum width: 20 feet at the point the start area enters the track
- b. All starts will be made with a ~~mechanical~~ backward-falling gate. With the exception of staggered restarts.
- c. When using a starting gate with 22 gates, the two outside gates at either end will not be used for the heats. These outside gates will only be used when more than 20 riders are competing in the race.
- d. Jumping or fouling the gate may result in a penalty of one lap or disqualification.
- e. All starting gates must have a rear restraint a distance of eight feet behind the gate in the down position, for example, railroad ties or 4 x 4 that will prevent riders from rolling back from the gate.
- f. The starting gate handle must be enclosed to prevent the riders and team personnel from viewing the drop of the gate.
- g. Riders will be called from the staging area to line up on the starting gate.
- h. Each rider may have only one person accompany him to the starting gate. Also, only one person per rider is allowed in the signaling area.
- h. The rider or riders designated crew member must quickly make their pick on the gate.
- i. Once a motorcycle is in its gate position at the starting gate, its gate position cannot be changed.
- j. Grooming may be done anywhere behind the front leading edge of the starting gate, provided no shovels, tools, water or other implements (foreign or natural) are used.
- k. Slamming of the gate is not permitted.
- l. Scratching or defacing of the starting gate signage is not permitted.
- m.** Riders or their team members are forbidden to groom anywhere in front of the front leading edge of the starting gate, this includes watering of the starting lines. Stopping immediately in front of the starting gate to do a burn out prior to the sighting lap will be considered grooming in front of the starting gate. ***If at any time, the Race Director determines that it was a blatant violation of the rule, a penalty may be issued.*** ~~the loss of three positions in the results of that race.~~ Points and purse will be adjusted accordingly if it is a main event.
- n. Only loose dirt found in the designated starting area may be used to form an elevated pad under the rider's feet. The use of starting blocks, stones or other foreign elevating devices is prohibited.

- o. Ramps of any kind may not be formed in the starting lane. (The front and rear tires must be level).
- p. Motorcycles must be centered in the starting gate. Riders may not start at an angle.
- q. When the last rider is in the gate and the track is cleared for the start:
  1. The Race Director or his designee will direct the Starter to hold up a 30-second sign.
  2. The 30-second sign will be held upright for 30 seconds, and then turned sideways for at least five seconds, but not more than 10 seconds.
  3. During the 5-10 second interval, the gate will fall.
  4. When using a digital type count down 30-second board, if the board malfunctions in any way during its display, the start procedure will continue and the board will be turned sideways at 30 seconds.

#### **4.22 Red Flag Race Stops and Restart Procedures**

- a. Any race start or restart will be considered an official part of the event even if the start or restart does not result in a lap being completed by the leader. Therefore, any infractions will be deemed valid and ruled upon accordingly.
- b. Penalties incurred prior to the red flag will be assessed at the completion of the race, not during the re-start.
- c. Restarts due to gate malfunctions will always be a complete restart with original number of laps scheduled and all riders returning to their original starting positions.
- d. Riders who are not present at the starting gate for the original start of a race are barred from any subsequent restarts.
- e. Riders who are present at the gate but are unable to start due to a stalled motorcycle may join the race from the starting area at anytime during the race.
- f. Riders who are unable to join the race by this procedure are barred from any subsequent restarts.

#### **4.23 Restarts**

- a. The race is stopped (with fewer than 3 laps completed by the race leader / whether it be a Heat, Semi, Last Chance Qualifier or Main Event)
  1. A red flag will be displayed to the riders.
  2. The riders will return to their original starting gate and a re-start will take place as soon as possible.
  3. The riders will keep their initial starting order.
  4. The riders will be restarted from the starting gate.
  5. Riders who were present at the starting gate for the original start of the race but were unable to start and who did not join the race before the red flag was displayed are not authorized to take the restart.
  6. The race will be run for the original number of laps.

7. In the case of a Final, if it is found impossible to restart then this Final will be declared cancelled and not count for the Championship.
- b. The race is stopped with 3 laps completed by the leader and less than 90% of the total distance completed by the race leader, rounded down to the nearest whole number of laps / whether it be a Heat, Semi, Last Chance Qualifier or Main Event)
    1. A red flag will be displayed to the riders.
    2. The riders will return to the starting area directly in front of their original starting gate and a re-start will take place as soon as possible.
      - a. A minimum of 10 minutes from the time that the red flag is displayed will be given to make repairs or adjustments.
      - b. The race may be re-started before the minimum 10-minute waiting time only if all riders indicate to the Race Director that they are ready to start.
      - c. Repairs or adjustments may only be made in the starting area.
    3. The lap in which the red flag was thrown will not be considered a complete lap.
    4. The starting order will be determined by each rider's race position at the end of the lap preceding the last lap completed by the leader. I.E. if the leader has completed the third lap and is working the fourth lap, the starting order would be set with the order from the completion of the second lap.
    5. Race position is defined as the riders scoring position, not position on the track.
    6. Riders will be restarted from a staggered standing start in the starting area.
      - a. Riders will be lined up in a staggered formation beginning on the starting straight at a start line located by the first turn, starting with the rider that was in the first position and continuing back towards the starting area.
      - b. Riders not ready to take their position in line will be placed last.
      - c. Once all riders are in position, a yellow flag will be displayed to indicate that the start will be within 30 seconds. Once the yellow flag has been removed, the starter will then display a green flag to signal the start.
      - d. Riders may not overtake the rider in front of them until they pass the designated starting line.
      - e. Any rider that does overtake the rider in front of them before the starting line will have been deemed to have jumped the start and will be penalized **points and purse equal to two positions** in the final results for that race **plus two additional points**. ~~penalized a minimum of two positions in the final results.~~

- f. Eligible riders who are unable to participate in the re-start due to a stalled motorcycle or continued repairs may join the race from the starting area at anytime during the race.
  - g. Riders who were no longer actively participating in race at the time when the red flag was displayed are not authorized to take part in the restart.
  - h. Penalties incurred prior to the red flag will be assessed at the completion of the race, not during the re-start.
7. The race will be run for the remaining number of laps **or time**.
8. In the case of a Main Event, full championship points will be awarded.
- c. The race is stopped with more than 90% of the total distance completed by the race leader, rounded down to the nearest whole number of laps / whether it be a Heat, Semi, Last Chance Qualifier or Final)
- 1. A red flag will be displayed to the riders.
  - 2. The riders will return to the paddock.
  - 3. The race will be considered completed. In that case, the riders' position will be those at the end of the lap preceding the stopping of the race.
  - 4. In the case of a Heat, Semi or Last Chance Qualifier, the riders will qualify for the Main Event or be relegated to the Semi or Last Chance Qualifier according to these results.
  - 5. In the case of a Last Chance Qualifier, the top four riders will qualify for the Main Event according to these results. The remaining riders are eliminated.
  - 6. In the case of a Main Event, full championship points will be awarded.

#### **4.24 Race Finishes**

- a. Races are officially ended for all contestants at the completion of the lap in which the checkered flag is displayed to the winner.
- b. The officially designated finish line is located at the site of the scoring/timing transponder receiver loop. The line will be clearly defined with trackside markings and will be located as close to the finish-line flagger as possible
- c. To be considered as having completed a lap, the rider and his motorcycle must cross the plane of the officially designated finish line. Under special circumstances and at any time other than the checkered flag lap, crossing outside of the designated finish line obstacle can be considered a completed lap, as long as the rider continues the race for at least one more completed lap.
- d. Under normal circumstances all lap and finish positions will be determined by electronic timing devices (transponders).
  - 1. In the event the electronic timing system fails to record a time or lap position for any rider, a video camera may be used at the finish line to aid the scorekeepers in determining

- laps completed or the finishing order of a close race. Should video footage from an AMA-designated camera be unavailable or inconclusive for any reason, the scoring of the laps or finish will be based solely on the scorekeepers' decision.
2. In the case of a visual tie or where a clear determination cannot be made, the riders concerned will be ranked in the order of the best lap time made during the race.
- e. Riders will be credited with all laps they complete during a race unless a penalty has been assessed.
  - f. The current lap will not count if a red flag is displayed at the finish line.
  - g. Riders choosing to leave a race before its completion need not wait for the checkered flag to receive credit for laps they have completed.
  - h. Should the checkered flag be displayed later than the official distance, the finishing order will be decided on the basis of the official distance.
  - i. Under any other circumstances, the winner is the leader at the time the checkered flag is displayed.
  - j. A motorcycle that leaves the stadium floor or infield of a speedway during a race will not be permitted to return to the racetrack.
  - k. Should a rider be given the checkered flag ahead of the actual winner, or with the winners, the rider will be scored as having completed the race in the race position the rider was running at that time.
  - l. At the conclusion of the Main Event, the top five finishing riders and their motorcycles must go directly to a staging area located at the podium. Other riders outside of the top 5 may also be directed to the podium staging area.
    1. Failure to go to the designated podium staging area will result in a \$500 fine. Further infractions of this rule will result in an increased fine at the Race Directors discretion.
    2. In the case of an injury or medical issue and the rider is being threatened or needs to be treated by the CMO, a team representative may be substituted for the rider.
  - m. At the conclusion of the Main Event, and after the podium ceremonies are complete, the top three finishing motorcycles must go directly to the technical impound area located at the AMA trailer or other area as designated by the Chief Technical Inspector. Other motorcycles may be directed to impound at the discretion of the Chief Technical Inspector. Failure to go directly to the technical impound area will result in a penalty.
  - n. At the conclusion of the race any riders who do not complete the same number of laps as the leader will be scored in order of finish, laps completed and the number of laps completed first.
    1. If more than one rider starts the race but does not complete one complete lap as per official scoring, those riders will be placed in the final results based their qualifying time.

- o. A rider whose motorcycle is disabled before reaching the finish line may, by the rider's own unaided muscular energy, push or carry the motorcycle in the proper direction of the track to complete the race by crossing the finish line, unless the rider is determined to be a hazard by the Race Director.

#### 4.25 Official Race Results

- a. No official announcement of race results will be given until all scoring materials are examined and approved by the Timing & Scoring Manager.
- b. Provisional results will then be posted and will become official if a rider does not protest against the results within 30 minutes after they have been posted.
- c. If rechecks are required within the 30-minute time limit, a new posting time limit of 30 minutes will be required if changes are made to the previously posted results.
- d. The issuing of official results does not exempt riders who competed in the event from penalties for rules violations determined by the Race Director following the protest period.
- e. In the case of a protest, riders are entitled to review their scores with the Race Director and/or the Timing & Scoring manager.

#### 4.26 Championship Points

- a. When the results of Supercross main events are declared official, AMA Supercross, an FIM World Championship points will be awarded down to a maximum of 22 places for the overall results of the Main Events.
- b. In the event that a qualified rider is unable to make the start of the main event, they will be placed in last place in the final results. If more than one qualified rider is unable to start they will be placed in order of qualifying in the final results. In either case they will earn points and purse based on the final results.
- c. The AMA Supercross, an FIM World Champion will be decided based on the total of series points accumulated from each Main Event.
- d. In the event of a tie for the championship, the winner will be determined based on the number of Main Event wins.
- e. Should a tie still remain, finishes of second, third, etc, will be tallied until the tie is broken.
- f. If a tie still remains, the best finish in the last race will determine the champion.
- g. AMA Supercross, an FIM World Championship Points Schedule

h. Points will be awarded for Supercross Main Events according to the following schedule:

Finish Position	Points		Finish Position	Points
1	25		11	10
2	22		12	9
3	20		13	8
4	18		14	7
5	16		15	6
6	15		16	5
7	14		17	4
8	13		18	3
9	12		19	2
10	11		20 and up	1

#### 4.27 450SX Class Manufacturers' Championship

- a. For the Manufacturers' Championship, only the highest placed motorcycle of each manufacturer will gain points, according to the rider's position in each Final (Main Event) of the "AMA Supercross, an FIM World Championship".
- b. The same 20 place Championship point schedule applies to manufacturers as it does to the riders in Supercross.
- c. In case of ties for the Manufacturers' Championship, the same conditions as for the riders will apply to determine the winner.
- d. In the case where a rider participates on motorcycles from different manufacturers, it is the make of the motorcycle with which he has obtained the most points that will appear next to his name in the final standings, without, however, modifying the calculation for the Manufacturers' Championship.

#### 4.28 Supercross Prize Giving Ceremonies

- a. The AMA Supercross FIM World Championship 450SX class top 20 in the final point standings are obliged to attend the official "AMA Supercross, an FIM World Championship" Prize-Giving Ceremony, organized by the Promoter at the end of the AMA Supercross, an FIM World Championship. Failure to attend will result in Forfeiture of their end of year points fund amount.
- b. The AMA Supercross FIM World Championship 250SX East and 250SX West top 5 in the final point standings are obliged to attend the official "AMA Supercross, an FIM World Championship" Prize-Giving Ceremony, organized by the Promoter at the end of the AMA Supercross, an FIM World Championship. Failure to attend may result in fine.
- c. The AMA Supercross FIM World Champion must also attend the FIM Prize-Giving Ceremony organized by the FIM which will be held later in the year. Failure to attend the FIM ceremony will result in a FIM fine in accordance with Art. 60.7 World Champions Awards Ceremony of the FIM Sporting Code.

## Section 5

### 250SX Class Specific Rules

The 250SX class will abide by all rules and regulations set forth in the 2017 AMA Supercross, an FIM World Championship rulebook with the exceptions listed in Section 5.

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#### 5.1 250SX Class License Eligibility

##### Also see section 3.2 Supercross License Regulations

Rider license and crew credential applications will only be accepted through the AMA online process. Please go to [amasupercross.com](http://amasupercross.com) for instructions and the link.

- a. All license applicants must be at least 16 years of age at the time of application.
- b. Prior to being accepted for entry for any AMA Supercross meet, each rider must provide documentation that they have completed an ImPACT Concussion Management Test, which shall be used by the Chief Medical Officer, to assist in determining when a rider will be allowed to return to competition after suffering a concussion.
- c. A rider must complete the AMA Ricky Carmichael Road to Supercross to earn their 250SX license prior to racing Monster Energy AMA Supercross an FIM World Championship.
- d. A rider may earn their AMA 250SX license through either the AX Lites class or the 250AX class. Points may not be combined between the two classes.
- e. Riders must attempt to succeed through the series of Heat Races, LCQ'S & Main Events to be eligible for their Road to Supercross point.
- f. Road to Supercross points may be accumulated over 1 calendar year beginning with the 2016 AMSOIL AX Season.
- g. Once a rider has qualified for their 250SX license through the Road to Supercross the rider has two competition seasons to apply for their license before having to re-qualify. For example, a rider that qualified for a AMA 250SX license during the 2016 AX season may apply in 2017 or 2018.
- h. In order to apply for your AMA 250SX license after you have acquired the necessary amount of points contact the

Supercross Coordinator at the AMA office at [jcaston@amacycle.org](mailto:jcaston@amacycle.org) or 1.800.262.5646

- i. Qualifying through the AX Lites Class:
  - 1. A minimum of Six Road to Supercross points are required.
  - 2. One Road to Supercross point is earned by each rider that qualifies for the AX Lites Class Main Event.
  - 3. One Road to Supercross point is earned by each rider that places in the top 10 overall in the AX Lites Class Main Event.
  - 4. If a rider earns the six points in less than three cities, the rider is still required to attend and earn one additional point in another city for a minimum of three AMSOIL Arenacross event cities attended before applying for their AMA 250SX license.
- j. Qualifying through the 250AX Class:
  - 1. A minimum of three Road to Supercross points are required.
  - 2. One Road to Supercross point is earned by each rider that qualifies for the 250AX Class Main Event (s).
  - 3. One Road to Supercross point is earned by each rider that places in the top 10 overall in the 250AX Class Main Event (s).
  - 4. If a rider earns the three points in only one city the rider is still required to attend and earn one additional point in another city for a minimum of two AMSOIL Arenacross event cities attended before applying for their AMA 250SX license.
- k. AMA licensed riders not competing in AMA sanctioned events for a period of three years may lose their prior classification.
- l. Applicants renewing a license that has been expired for more than three years must meet the present requirements for a Supercross License. This requirement may be waived under special circumstances through an appeal made to the AMA.
- m. The AMA may issue a license to any rider who does not meet the above criteria at its sole discretion. This option will only be used in very rare occasions when special circumstances apply.

## **5.2 250SX East/West Championship Guidelines**

- a. Riders must designate the region in which they intend to participate prior to the first event of the season.
- b. Once a rider has designated their region, they may not transfer to the opposite region in the 250SX class unless the rider is injured at the first event that they are competing in, and failed to start any part of the evening program. The request must be submitted in writing to AMA. The rider must remain in the new region for the rest of the season.
- c. Riders who have earned an AMA 450MX class Championship, AMA 450SX class Championship or FIM MX1 World Championship are not eligible to compete in the 250SX East/West Championship.

- d. Effective with the 2007 season points, riders earning at least 135 250SX Championship points in a nine-race season, 120 250SX Championship points in an eight-race season, or 105 250SX Championship points in a seven-race season, in three seasons of 250SX competition will be ineligible for the 250SX class.
1. If the number of events in each of the 250SX class regions is different, the number of events used for points will be based on the smaller number. (i.e. if there are eight West events and seven East events, the West riders would throw out their worst finish for a maximum total of seven events)
  2. A rider may move to the 450SX class at any time provided he/she is eligible for the 450SX class, as outlined in the AMA Supercross licensing regulations.
- e. AMA 250SX Regional Champions may defend their championship's the following season, with the following clarifications:
1. Champions may ride either region the following year but must only compete with the no. 1 plate when defending in the region in which they won the Championship.
  2. A rider that wins a 250SX Championship will be eligible to participate in the 250SX class for a maximum of three years total regardless of what year he/she won the title. (i.e. if a rider wins the Championship in their third year of 250SX competition, they will be ineligible for the 250SX class regardless of points and therefore not eligible to defend their 250SX Championship title)
  3. After a rider wins a second Championship, in either region, the rider will be ineligible for the 250SX class, regardless of points or number of years in class.
- f. Riders who are advanced to the 450SX class through points or Championships won will not be eligible to return to the 250SX class.
- g. Riders finishing inside the top 20 of the 450SX class points in 2015 or 2016 will not be eligible to ride the 250SX class.
- h. Riders that have self-advanced themselves to the 450SX class that wish to return to the 250SX class may appeal their eligibility to the AMA. This appeal must be submitted to the AMA in writing and can take up to 30 days for the final hearing. All decisions of the appeals panel are final.
- i. Designated 250SX riders who competed at events outside of their region in the 450SX class in select 2016-17 events will remain eligible for the 250SX class in 2017-18, regardless of where they finish in the 450SX class points, provided that after the completion of the 2016 Championship season they are not advanced to the 450SX class through 250SX points or 250SX championships won.
1. A Designated 250SX rider is defined as a 250SX licensed rider who has declared a region and is actively competing in that region. AMA in its sole discretion will determine if a 250SX rider meets the "designated 250SX rider" criteria.

- j. 250SX East/West riders may compete in the 450SX class, provided they are eligible for the 450SX class as outlined in the AMA Supercross licensing regulations. Riders may only compete in one class at each event.

### **5.3 250SX Entries**

- a. Entries will only be accepted through the AMA online process. Please go to [amasupercross.com](http://amasupercross.com) for instructions and the link.
- b. Prior to being accepted for entry for any AMA Supercross meet, each rider must provide documentation that they have completed an ImpACT Concussion Management Test, which shall be used by the Chief Medical Officer, to assist in determining when a rider will be allowed to return to competition after suffering a concussion.
- c. Supercross will be pre-entry ONLY and limited to 80 riders. Post entries will only be permitted under special circumstances and at the sole discretion of AMA.
- d. Pre entries close 21 days prior to the first event of the season. All other pre entries close 5 days prior to each event.
- e. Riders may only enter one class at Supercross (No double classing).
- f. Entries will be accepted for the 250SX class in the following order of priority until the classes reach the 80 rider limit:
  - 1. Top 45 in points from 2016 in the 450SX or 250SX class and pre-entered for the entire season.
  - 2. Top 40 in points from 2016 in AMA 450MX class or 250MX class and pre-entered for the entire season.
  - 3. Riders earning points outside the top 45 in the 450SX or 250SX class in 2016 or outside the top 40 in the AMA 450MX or 250MX classes in 2016 and pre-entered for the entire season.
  - 4. After a rider earns championship points in the current championship series, their entry for any following events in the series is guaranteed, provided the entry is received before the closing date.
  - 5. No 2016 points in any 450SX, 250SX or AMA 450MX or 250MX class, but pre-entered for the entire season.
  - 6. Top 45 in points from 2016 in the 450SX class or 250SX, but not pre-entered for the entire season.
  - 7. Top 40 in points from 2016 in AMA 450MX or 250MX classes, but not pre-entered for the entire season.
  - 8. Riders earning points outside the top 45 from 2016 in the 450SX or 250SX class or the top 40 in the AMA 450MX or 250MX classes, but not pre-entered for the entire season.
  - 9. For those with no points and not pre-entered for the entire season, the date on which the pre-entry was received at the AMA Office in Pickerington, Ohio will be the determining factor for acceptance.
- g. Verification of the acceptance of an entry may be checked at [amasupercross.com](http://amasupercross.com)

- h. Acceptance of entries may be granted for special circumstances. All entries will be accepted at the discretion of AMA.
- i. All entry fees are non-refundable once the closing date has passed.
- j. Exceptions will be made only if AMA is notified five days prior to the event with a legitimate medical excuse.
- k. To be considered as pre-entered for the entire season, a complete entry form with total fees for the 9 250SX class events must be received by **Dec 09, 2016**.

#### 5.4 250SX Class Technical Standards

- a. 250SX Class motorcycles are subject to the following requirements in addition to the applicable requirements in General Equipment Standards. Superseded parts controlled by these rules must be submitted to AMA for review and approval before use in competition. In addition, these parts must then be listed in the current OEM parts list as supplied to AMA. Motorcycle components not specifically controlled by these rules may be modified, removed or replaced.

#### 5.5 Engines

- a. Engine Displacements:

0 – 125cc	2-stroke
0 – 250cc	4-stroke

- b. Material and castings of the cylinders, cylinder heads and crankcases must be the same as the originally approved model. Material may be added or removed from these items.

#### 5.6 Forks and Shocks

- a. The manufacturer's original concept of either single or double shocks must be maintained.
- b. In 250SX, the replacement and modification of forks and shocks are limited to the following:
  1. Forks and shocks may be either stock or aftermarket units listed on the Approved Equipment List. This list is available from the AMA Technical Department.
  2. Homologated inner and outer fork tubes, axle lugs, cartridge, and piston rod must be retained, modifications are permitted. All other fork parts may be replaced.
  3. Homologated shock body, shaft and reservoir must be retained, modifications are permitted. All other shock parts may be replaced.
  4. The AMA must receive written notification from the manufacturer of any superseding of controlled parts before those parts may be used in competition. The manufacturer's parts list reflecting the superseded part must accompany the notification.
  5. Approved forks, shocks, and superseded parts must be available in the U.S. through dealers or distributors to AMA Pro-licensed 250SX riders for the entire current season. A dealer or distributor must fill legitimate orders, accompanied by a 50% deposit, within 15 business days of receipt. Failure

to fill a legitimate order may result in the canceling of the component manufacturer's homologation.

6. Retail prices of approved forks and shocks may not exceed the following cost exclusive of all taxes. (The forks and shock assemblies must be complete and functioning assemblies, not only the controlled parts.)
7. Both fork legs (less triple clamps) \$5,175
8. Shock assembly \$2,000

### 5.7 Weight Limit

- a. Minimum weight requirement:

0 – 125cc	194 pounds
126 – 250cc	212 pounds

See Weighing Procedures (Section 1.16)

### 5.8 Numbers and Number Plates and Series Logo's

- a. The current 250SX East and West class Champions must run a white number 1 with a black background only when defending the number 1 plate in their championship region.
- b. The current point's leader must run a red background with white numbers.
- c. At the first event of the season, the current 250SX Class Champion will be considered the point's leader and will run the red number plate.
- d. Number Plate Colors:
  1. In the case of a tie during the season, both riders will display the red plate.

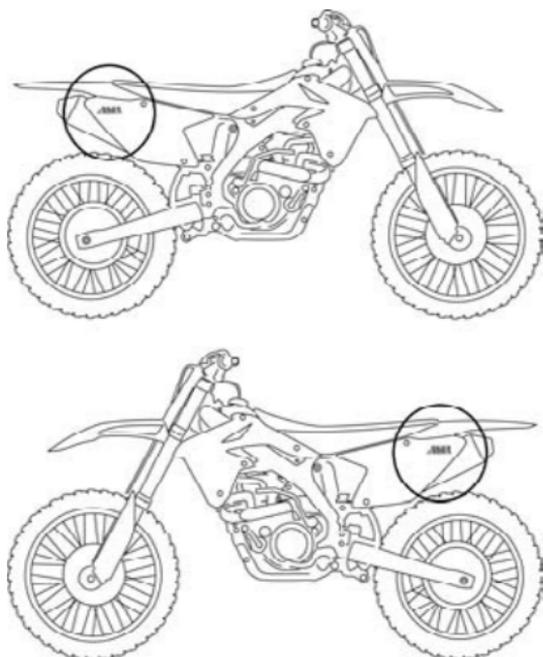
250SX Class	Black plates, white numbers
2016 250SX Champion	Black plates, white number 1
2017 Current points leader	<b>Red plate, white numbers</b>

(250SX Champion must be defending in their championship region)

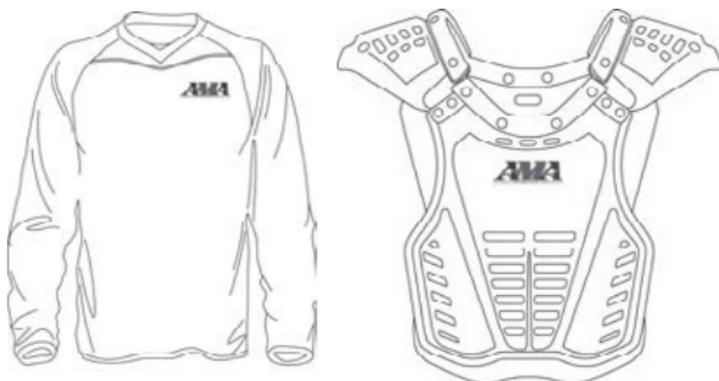
- e. Numbers must be a solid color.
- f. Excessive condensing or stretching of the numbers is not permitted.
- g. Front numbers must be a minimum height of 6 inches.
- h. Side numbers must be a minimum height of 5½ inches.
- i. The current 250SX Class Champion using the number 1 is allowed to use a special-sized number.
- j. Number display area must be of adequate area to provide ample space around the numbers.
- k. The conformity of the number plate display area will be at the sole discretion of the AMA. If you have any questions about your design, you can submit it to the AMA for approval prior to competition.
- l. Front number plates must be mounted in such a manner as to prevent deflection of the plate during the event. Any attempt at streamlining, such as curved plates, or plates that are not

rigidly mounted, is prohibited, unless such plates are standard on the homologated model.

- m. Plastic or fiberglass number plates have a minimum thickness of 1/16 inch.
- n. For the 250SX Class, the approved front number plate design will contain the current AMA logo followed by the Championship Title Sponsor logo, and again followed by the current AMA logo.
- o. For the AMA 250SX Class the correct AMA Supercross logo must be displayed on both side number plates. The minimum size of the logo is 3 inches wide by 1¾ inch high.



- p. The area indicated above on both side number plates are reserved for the current class specific logo(s).
- q. Riders competing in the AMA 250SX Class must display the AMA logo on the upper left front torso or left shoulder area of their jersey. The minimum size of the logo is 3 inches wide by 1¾ inch high.
- r. If the rider uses a chest/back protector, the logo must be located in the center front on the chest/back protector. This is in addition to the logo located on the jersey.



## 5.9 Display of the AMA Logo

- a. All riders are required to have approved logos in place whenever they are competing in any part of an AMA Supercross, an FIM World Championship event.
- b. The following logos are the approved AMA images to be displayed on the front and side number plates, and rider apparel. The logo is also a part of the front number plate design, which will also include the series title sponsor.

### *Front number plate:*



### *Side number plate and jersey:*



- c. How to obtain the logo and/or logo artwork file:
  1. At each event, all number plate stickers and adhesive apparel patches will be available at AMA Tech Inspection at each meet.
  2. If a third party produces number plates and/or jerseys for you prior to meets, they may request logo files to: **kcrowther@ama-cycle.org**. The request for artwork by a third party should include the rider's name.
- d. AMA and the other logos and trademarks shown herein are trademarks of the AMA. Participants are to use the approved logos on number plates and apparel only when participating in AMA events. Any further use of the mark outside of this capacity is prohibited without written consent from AMA. Any further use of the marks (i.e., the AMA mark, and other AMA trademarks and logos) outside of this capacity is prohibited without a license from or the express, written permission of AMA.

## 5.10 250SX Races

- a. The Evening Program in 250SX will consist of two Heat Races, one Last Chance Qualifier, and one Main Event.
- b. In the Heat Races, 1<sup>st</sup> through 9<sup>th</sup> will advance to the main event; 10<sup>th</sup> through 20<sup>th</sup> will advance to the Last Chance Qualifier.
- c. In the Last Chance Qualifier, 1<sup>st</sup> through 4<sup>th</sup> will advance to the main.
- d. The 250SX Main Event will be 15 Laps **or a timed format**.
- e. The first rider across the finish line at the conclusion of a race is the winner.

- f. The issuing of official results does not exempt riders who competed in the event from penalties for rules violations determined by AMA investigations following the protest period.
- g. In the case of a protest, riders are entitled to review their scores with the timing & scoring manager.

#### **5.11 250SX Class Substance Abuse Policy**

- a. 250SX class riders will follow the terms and conditions of the FIM Anti-Doping Code.
- b. Random tests may be conducted at the discretion of AMA or their respective drug testing partners.
- c. Compliance with the Anti-Doping Code is an essential precondition to the issuance of Professional Competition licenses.
- d. Any violation of the policy or refusal to submit to testing as requested by AMA may result in the immediate suspension of the competitor's license and loss of all rights to compete in AMA Racing sanctioned events.
- e. The Anti-Doping Code is available upon request from the AMA office.

**Supercross information can also be found at:**  
**[www.amasupercross.com](http://www.amasupercross.com).** This includes Anti-Doping, rules, event supplemental regulations, competition bulletins, schedules, event specific information, online registration for license, credential and entry's and anything else you might need.

## Appendix A

### Offenses, Penalties, Protests, and Appeals

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#### A1 General Information

- a. Through the establishment and enforcement of various rules and procedures, AMA and the FIM strive to regulate the sport of professional motorcycle racing in the fairest possible manner. By participating in a Monster energy AMA Supercross, an FIM World Championship meet, each participant agrees to abide by the Monster Energy AMA Supercross, an FIM World Championship rules and procedures. In addition, riders are held responsible for the actions of their crewmembers. As part of entering a meet, a rider assures the competent bodies that his/her crewmembers are AMA members in good standing. All parties involved in the meet are expected to conduct themselves in a professional manner, respecting at all times the rights of others. Participation in these meets is a privilege afforded to license and event credential holders, and all such participants understand that violation of AMA Supercross, an FIM World Championship rules and procedures can lead to forfeiture of their competition licenses or event credential, fines, points deductions, lap deductions, finishing position deductions, time penalties (which must result in the loss of at least one finishing position), disqualification and other disciplinary actions as outlined herein.
- b. Rules directed or related to safety are promulgated to make all persons concerned with safety, but AMA or the FIM neither do warrant safety if the rules are followed nor compliance with and enforcement of rules. Each participant in competition has the responsibility to assess the safety aspects of facilities and conditions and must assume the risk of competition.
- c. The Race Director has the competence to pronounce sanctions against riders, team staff, officials, promoters/organizers and all the persons involved in any capacity whatsoever in an event or in the Championship.
- d. The Race Director may pronounce the following penalties.
  1. Warning
  2. Fine
  3. Lap deductions or finishing position deductions
  4. Time and/or point penalties
  5. Disqualification
  6. Suspension
  7. Probation not exceeding 12 months from the date of offence
- e. Penalties incurred prior to a red flag will be assessed at the completion of the race, not during the re-start.

- f. ***The Race Director will always attempt to levy all penalties the day of the race. Under some circumstances it may be necessary to take more time to review all evidence and official video to make a final decision. All penalties from the Race Director must be levied by 5pm eastern standard time the Monday after the race. Under special circumstances, including but not limited to, fuel testing, anti-doping or a need to impound a motorcycle or parts, the Race Director may defer to the AMA to make a ruling outside of that timeframe.***
- g. ***All rules herein may be appealed in accordance with the procedure stated in the Monster Energy AMA Supercross an FIM World Championship Rule Book except for those rules that the rulebook specifies may not be appealed. The participants recognize the need for officials to make decisions that require judgment and the exercise of discretion, often instantaneously, with events as they are occurring. The exercise of judgment by the officials during an event with respect to any penalty or lack of penalty shall only be appealable in accordance with the Monster Energy AMA Supercross an FIM World Championship Rule Book. By submitting an application to participate in an AMA sanctioned event, and in consideration of receiving the numerous benefits available, each participant agrees that the final and binding decisions of the officials are non-litigable, and shall not be appealable to any court or other tribunal other than the AMA. The participants to any protest or appeal further agree that the protest and appeal procedures provided for in the Monster Energy AMA Supercross an FIM World Championship Rule Book are the exclusive remedy for the resolution of any disputes and renounce the right to, and shall not pursue, recourse to any arbitrator, court or other tribunal not provided for in the Monster Energy AMA Supercross an FIM World Championship Rule Book. No court action of any kind may be taken by any participant. By reason of participation in an event, each participant waives any rights such participant may otherwise have to be a party to or take any action in court seeking legal or equitable relief against any decision, lack of decision or action of any kind by the officials or anyone acting on their behalf or the appeal panel. Each participant acknowledges that participation in an event by other participants is, in part, on reliance on this waiver. If a participant initiates or participates in litigation in violation of this rule, all participant privileges may thereupon be suspended and subject to disciplinary action deemed warranted by the AMA.***

## **A2 General Offenses and Penalties**

- a. This section outlines actions that are deemed to be detrimental to the sport of motorcycle racing and which may result in a range of disciplinary actions. Unless otherwise specifically provided for in these rules, the Race Director may disqualify any participant or motorcycle from the balance of a race meet for violation of these rules, insubordination or other actions deemed in the sole discretion of the Race Director to be detrimental to the race meet and the sport. Such

disqualification includes the loss of any rights with regard to the event in question and may result in expulsion from the meet site. In addition, the Race Director is empowered to levy fines and to recommend to AMA that a party or parties be suspended from participation in AMA sanctioned activities. Unless otherwise specifically provided for in these rules, AMA is empowered to suspend from competition any rider, crew member or motorcycle for a period of one meet up to an indefinite suspension for violation of these rules, insubordination or other actions deemed, in the sole discretion of AMA, to be detrimental to the sport of motorcycle racing. AMA is also empowered to, in addition to or in lieu of a suspension from competition, suspend a rider's eligibility to earn points for one or more events including, but not limited to, the event in which the rules violation took place. In addition, AMA is empowered to levy fines, points deductions, finishing position deductions, time penalties (which must result in the loss of at least one finishing position), and lap deductions. The beginning and ending dates of any such suspension will be as determined by AMA.

- b. Any supplemental rules, regulations, instructions or procedures established for the purpose of implementing, interpreting or enforcing these rules will be deemed to be part of the rules.
- c. The following offenses will be subject to disciplinary action by the Race Director and/or the competent bodies. This list is provided as guidance to licensed competitors and event credential holders but does not restrict AMA from invoking penalties for other actions detrimental to the sport that are not specifically contemplated herein.
  - 1. Falsifying one's age or ability to meet any of the various eligibility requirements for the AMA Supercross, an FIM World Championship, or in general, competing or attempting to compete in AMA/FIM sanctioned activities under false pretenses.
  - 2. Competing under a false name or in any other way attempting to gain an unfair advantage.
  - 3. Abetting or knowingly engaging in any race in which the result is "fixed" or prearranged.
  - 4. Giving, offering or promising, directly or indirectly, any bribe in any form to any person in an attempt to circumvent AMA Supercross, an FIM World Championship rules or procedures or to otherwise gain an unfair advantage.
  - 5. Accepting or offering to accept any bribe in any form from any person in an attempt to circumvent AMA Supercross, an FIM World Championship rules or procedures or to otherwise gain an unfair advantage.
  - 6. Refusing to provide a factual statement regarding an item under appeal when requested by the Stewards Panel.
  - 7. Failing to ride in a meet after entering without giving proper notice of non-participation.
  - 8. Engaging in a rider boycott, public protest or other similar concerted activity meant to stop, delay or otherwise inhibit

the start or completion of any portion of a Monster Energy AMA Supercross, an FIM World Championship event.

9. Engaging in any unfair practice, misbehavior or action detrimental to the sport of motorcycling in general, whether or not related to a specific competition event.
10. An attack on a racing official and/or engaging in a fight. This includes any person who attacks or is involved in a fight anywhere on the premises prior to, during or after a Monster Energy AMA Supercross, an FIM World Championship meet. There will be no maximum fine or suspension period for this offense.
11. Refusal to submit a machine for inspection. Any rider refusing to immediately surrender his or her machine to the Race Director or his designee upon demand, or refusing to allow examination or measurement of a machine's components, will be in violation of these rules.
12. Failure to re-enter the track at a point as close as practical to the point at which the rider left the track; and in so doing gaining an unfair advantage.
13. Receiving any form of prohibited outside assistance, including, but not limited to, receiving radio transmissions while in competition, except as provided for in these rules.
14. Failure to appear for scheduled registration and/or pre- or post-race tech inspection.
15. Failing to immediately respect and comply with operational or warning flags/lights or other signals from racing officials.
16. Failure to attend riders' meetings.
17. Riding on or off the track at any time in such a manner as to endanger the life or limb of other riders, officials or the public.
18. Wagering by a participant on the outcome of any AMA sanctioned race.
19. Failing a test for drugs or refusing to submit to drug testing as required from time to time by AMA, the FIM or their respective drug testing partners under the FIM Anti-Doping Code.
20. Causing or attempting to cause a race to be stopped. At the sole discretion of the Race Director or his designee, a rider who is judged to have intentionally caused a red flag may be excluded from restarting the event in question.
21. Failure on the part of a manufacturer/distributor to fulfill the requirements of homologation agreements.
22. Any other act or actions deemed by the Race Director to be detrimental to the sport of motorcycle racing and the competent bodies.

### **A3 Equipment Offenses and Penalties**

- a. This section deals with violations of equipment regulations. Regardless of a motorcycle passing prior inspections, compliance with all applicable equipment rules must be made at the post-race inspection. Any motorcycle found to be in

violation of equipment rules may be assumed to have been in violation for the entire race meet. Passing a motorcycle through technical inspection does not warrant that motorcycle's adherence with all rules. Each participant assumes full responsibility for any violation of equipment rules involving his or her motorcycle.

- b. Equipment offenses are determined by the Race Director, at his/her sole discretion.
- c. Impounding of Motorcycles and Components
  - 1. Motorcycles or components may be impounded for up to 45 days following an event in which such motorcycles or components were utilized in competition, to allow officials or other independent personnel authorized by AMA or the FIM to perform detailed inspections and testing.
  - 2. In the case of a protest or appeal, the competent body may retain custody of impounded equipment until the appeal process has been completed.

#### A4 Protests

- a. Unless specifically excluded herein, any rider affected by dangerous, unfair or fraudulent behavior, riding or act, has the right to protest against such a behavior, riding or act. Such matters may also include the conformity of a machine with these rules or the eligibility of a rider.
- b. ~~No protest can be lodged against a statement of fact pronounced by the Clerk of Course, the Race Director, or any other executive official during any race, practice or qualifying. Statements of fact depend exclusively from a factual observation without any possible adjustment of the sanction which is statutorily and precisely stated in the relevant Regulations and Appendices.~~
- c. Protests must be lodged according to the following procedures and be accompanied by a fee of US \$800, returnable if the protest is justified. **Any protest fee must be presented in US currency or a certified bank check.**
- d. There are two types of protests: technical and administrative. Technical protests relate to the legality of motorcycles and components used in competition. All other protests will be defined as administrative.
- e. Each protest must be made separately and in writing. Each protest must specify the violation of the Monster Energy AMA Supercross, an FIM World Championship rules or procedures that is alleged, and must be accompanied by the filing fee.
- f. All protests must be filed within 30 minutes of the posting of results of the event in question. The posting of provisional results begins the 30-minute protest period.
- g. If the protest entails dismantling a motorcycle, the protest fee must be accompanied by an additional deposit of US \$250. This fee must be paid by the losing party to the mechanic of the rider who had to perform the dismantling procedure.
- h. Protests entailing a fuel control must be accompanied by an additional deposit of US \$1,000

## A5 Appeals

- a. Any rider affected by a disciplinary decision of the Supercross Race Director has the right to appeal this decision.
- b. **For decisions made by the Race Director the day of the event**, this appeal must be presented in writing to the Supercross Race Director 30 minutes at the latest after the notification of that decision and be accompanied by a fee of US \$800, returnable if the appeal is justified. **Any appeal fee must be presented in US currency or a certified bank check.**
- c. **For decisions made by the Race Director or AMA after the day of the event**, this appeal must be presented in writing to the Supercross Race Director **or AMA racing department 24 hours** at the latest after the notification of that decision and be accompanied by a fee of US \$800, returnable if the appeal is justified. **Any appeal fee must be presented in Credit card, US currency or a certified bank check.**
- d. No Appeal can be lodged against a statement of fact pronounced by the Clerk of Course, the Race Director, or any other executive official during any race, practice or qualifying. Statements of fact depend exclusively from a factual observation without any possible adjustment of the sanction which is statutorily and precisely stated in the Monster Energy AMA Supercross an FIM World Championship rulebook, **with the exception of the final events.**
- e. Appeals against a decision taken by the Race Director will be dealt with by the Stewards Panel (AMA Steward, FIM Steward and FMNR Steward, if applicable, for meetings outside the USA).
- f. The Stewards Panel will hear any appeals against decision of the Race Director.
- g. Each Steward has one vote. Decisions are based upon a simple majority.
- h. If all the Members of the Stewards Panel confirm the decision of the Supercross Race Director, the appeal is rejected. In this case, the decision of the Stewards Panel is final. No further appeal is possible.
- i. If one Member of the Stewards Panel does not confirm the decision of the Supercross Race Director and the other Member(s) agree(s), the appeal is rejected. No further appeal is possible.
- j. If all the Members of the Stewards Panel disagree with the decision of the Supercross Race Director, this decision must be changed.
- k. The Stewards Panel may confirm or pronounce the following penalties:
  1. Warning
  2. Fine
  3. Lap deductions or finishing position deductions
  4. Time and/or point penalties
  5. Disqualification
  6. Suspension
  7. Probation not exceeding 12 months from the date of offence

- l. The Stewards Panel must ensure that all parties concerned, as well as the Race Director, receive written notification of any judicial decision pronounced by the Stewards as soon as possible.
- m. Any participant who is fined under these rules will be deemed suspended from all AMA sanctioned activities until the fine has been paid. The fined party is entitled to a receipt upon payment. All fines and other disciplinary actions levied by AMA must be explained in writing. A copy must be given or sent to the disciplined party.
- n. Publication of protests, appeals and the interim and final results of said protests and appeals, in American Motorcyclist magazine, FIM Magazine, other magazines, and any other media is expressly agreed to by the participants to any protest or appeal. The participants agree that they shall not bring a cause of action against AMA, the FIM or their respective directors, trustees, officers, employees, agents and assigns as a result of such publication.

**Supercross information can also be found at:**

**[www.amasupercross.com](http://www.amasupercross.com). This includes Anti-Doping, rules, event supplemental regulations, competition bulletins, schedules, event specific information, online registration for license, credential and entry's and anything else you might need.**

## Appendix B

### Officials Duties

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#### B1 Race Director

- a. Ensure the racecourse is suitable and discontinue race activity if conditions become unacceptable.
- b. Determine if all riders are qualified to properly negotiate the course and prohibit any riders not so qualified from competing.
- c. Direct the Starter to black flag riders off the track for any condition he deems to be unacceptable or in violation of any rules.
- d. May direct the Starter to red flag/light a race that was started improperly.
- e. Provide for technical inspection of equipment being used by the riders and bar any equipment that does not conform to equipment regulations.
- f. See that accurate time is kept for all races.
- g. To impose penalties for any infringements of the Regulations.
- h. To impose penalties for any voluntary or involuntary action or deed accomplished by a person or a group of persons during a meeting, contrary to the current Regulations or instructions given by an official of the meeting.
- i. To impose penalties for any corrupt or fraudulent act, or any action prejudicial to the interests of the meetings or of the sport, carried out by a person or a group of persons occurring during an event.
- j. To impose penalties on organizers for having been unable to ensure the smooth and efficient running of the event or for serious breaches of the Regulations.
- k. The Race Director is empowered to measure engines or any other components.
- l. Allocate a properly enclosed location for engine inspection.
- m. The Race Director is empowered to make and enforce temporary regulations necessary to cover emergencies or special conditions (not covered in the Rule Book), including any unforeseen situation for the betterment and in the interest of the program.

- n. The Race Director must consider all protests.
- o. The number of riders allowed to start in any meet will be subject to approval of the Race Director and the AMA.

### **B2 Clerk of the Course**

- a. The Clerk of the Course is appointed by the FMNR.
- b. The Clerk of the Course cannot be a member of the FIM Stewards Panel.
- c. The Clerk of the Course must assist the Race Director in organizing and supervising course officials.
- d. The Clerk of the Course must assist the Race Director in the preparation and/or maintenance of the course before and during the meeting.
- e. The Clerk of the Course must carry out any other duties as may be assigned by the Race Director.

### **B3 Chief Medical Officer**

- a. The Chief Medical Officer shall be responsible for all medical aspects of the event, including:
  - 1. Inspect all medical services not less than 30 minutes before the start of practice and racing.
  - 2. Ensure that all medical services and staff are in their correct places and ready to function.
  - 3. Ensure that all medical staff are briefed prior to the first practice session and debriefed after the event.
  - 4. Shall determine that all injured riders during the event are medically fit to continue in competition.
  - 5. Give information and recommendations to the race direction on injured riders and all aspects of the event which may have potential medical consequences.

### **B4 Chief Clerk / Registrar**

- a. To exhibit a list of all events.
- b. To receive all entries and check the riders' competition licenses.
- c. To provide the Pit Steward with two copies of the results for posting and line-up in the pits as soon as possible after each event. At the end of the meet, insure that the final results are posted.
- d. To provide all line-up lists and result lists to the promoter for distribution to the press.
- e. Such other duties as may be assigned by the AMA Supercross Series Director.

### **B5 Timing & Scoring Manager**

- a. To manage timing and scoring/information distribution operations.
- b. Responsible for determining that official timing and scoring procedures are followed.

- c. To operate the official electric timing equipment and keep accurate records of all times and report the same to the Race Director.

### **B6 Starter**

- a. To provide a complete set of flags for use during the race.
- b. To assign extra flagmen, when required, at various points throughout the course.
- c. To determine if scorers, timers, officials, etc., are ready and in place before starting the race.
- d. To position riders at the starting line, start the race, give halfway flags, last lap flags and finish flags.
- e. To flag off the course any disqualified riders and otherwise direct the progress of the race with flags, as instructed by the Race Director.
- f. To instruct the corner workers as to the performance of their duties, and insure that each corner worker/flagman has been supplied with the necessary flags.
- g. Such other duties as may be assigned by the Race Director

### **B7 Officials**

- a. Officials may be assigned by the Race Director to determine the outcome of any meet and when assigned will watch the progress of the meet and report any infractions of the rules to the Race Director.
- b. Officials will be assigned by the Race Director to correlate a correct start with official Starter.

### **B8 Pit Steward**

- a. To notify riders to appear at the starting point in time for each event in which they are entered and assign proper starting positions.
- b. To maintain neat, suitable and orderly pits where the riders can work.

### **B9 Chief Technical Inspector**

- a. To provide a place for and conduct a technical inspection before a rider is allowed on the course for practice.
- b. To affix a sticker, mark or seal on each machine showing that it has passed technical inspection.
- c. To make a list of machines and riders that have been inspected.
- d. To process all contingency approval and tech inspection forms.
- e. During the day, be alert for any unacceptable equipment and report the equipment to the Race Director.
- f. To conduct post race inspections to assure rule compliance.

### **B10 Equipment Steward**

- a. Responsible for uniforms and other equipment transported on the truck as assigned by the AMA Supercross Series Director.

## **B11 Stewards Appeals Panel**

- a. The Stewards Panel is composed of two or three Stewards:
  1. One FIM Steward;
  2. One AMA Steward;
  3. One FMNR Steward, if applicable, for meetings outside the USA only.
- b. The FIM Management Council appoints the FIM Steward.
- c. If the nominated FIM Steward is prevented from arriving at the meeting in time, the FIM may name a replacement, with first priority given to a CMS Member not from the FMNR.
- d. The AMA appoints the AMA Steward.
- e. If the nominated AMA Steward is prevented from arriving at the meeting in time, the AMA may name a replacement.
- f. The FMNR is limited to one FMNR Steward (for meetings outside the USA only).
- g. The Stewards have no responsibility for the organization of the meeting and their only duty is to give a verdict in appeals lodged against decisions of the Race Director.
- h. The authority and duties of the Stewards include but are not limited to:
  1. Adjudicating on any appeal against the decisions of the Race Director.
  2. Ensuring that the decisions of the FIM Stewards Panel conform to the rules of the Monster Energy AMA Supercross an FIM World Championship rulebook and to the regulations and bulletins published by the AMA and FIM.
  3. Ensuring that all parties concerned, as well as the Race Direction, receive written notification of any judicial decision pronounced by them as soon as possible.

**Supercross information can also be found at:**

**[www.amasupercross.com](http://www.amasupercross.com). This includes Anti-Doping, rules, event supplemental regulations, competition bulletins, schedules, event specific information, online registration for license, credential and entry's and anything else you might need.**

## Appendix C

### Sound Test Procedures

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This procedure may be used to test motorcycles as a prerequisite for entry into any Monster Energy AMA Supercross, an FIM World Championship event.

#### C1 The 2 Meter Max Test

- a. The 2-meter max method shows a very good correlation between the sound power level (LwA) issued by motorcycles in full acceleration, and the maximum sound pressure levels measured at proximity of the same motorcycles, with engines at idle and quickly taken to their maximum rotational speeds.

#### C2 The Preparation of the Sound Meter

- a. Calibrate the sound meter at 94 dB or 114 dB to take into account the incidence of the wind foam ball
- b. Position the wind foam ball on the microphone
- c. Activate the 'A' weighing
- d. FAST time weighting must be activated
- e. Select range High 80~130 dB
- f. Activate the function MAX MIN – set on MAX

#### C3 Test Site and Position of the Sound Meter

- a. The sound levels will be measured with the sound meter/microphone fixed on a tripod, in the horizontal position, at the rear of the motorcycle.
- b. For the place and position of the motorcycle, ensure that there are no solid obstacles within 33 feet around the microphone.
- c. The sound meter will be positioned at a distance of 79 inches behind the motorcycle, with an angle of 45° away from the centerline, on the exhaust side and at a height of 53 inches above the ground, with the sound meter level.
- d. The 79-inch distance is measured from the point where the center of rear tire touches the ground.
- e. It is preferred to make the tests on soft ground, not reverberating, i.e. grass or fine gravel.
- f. In other than moderate wind, machines should face forward in the wind direction.
- g. The ambient sound level must remain lower than 100 dB/A.

#### C4 The Positioning of the Motorcycle

- a. The reference points:
  1. For a motorcycle: the contact point of the rear wheel on the ground.
  2. For motorcycles fitted with 2 exhaust outputs, the measurement will be made on the side of the air intake. If a

central positioned air intake is used, both sides will be tested.

3. To make repetitive measurements, all motorcycles can be positioned into a small frame fixed on the ground.

#### **C5 The Operation of the Test**

- a. The measurement is made with motorcycle on its wheels, with a hot engine.
  - b. For the initial sound control and technical inspection, a rider (or his mechanic) shall present only one spare silencer per machine.
  - c. Other spare silencers may be presented after all participants have presented their motorcycle.
  - d. The technical steward will be positioned on the right side of the motorcycle, not to screen or stand between the bike and the microphone. At no time should the technical inspector be in a position in front of the handlebars during the test.
  - e. The mechanic presenting the motorcycle for testing will be positioned on the left side of the motorcycle during the test and is required to engage the clutch during the full throttle portion of the test.
  - f. If a second steward is permanently attending the sound level checks, it is strongly advised for him to use earplugs, a headset or ear protectors.
  - g. The motorcycle may be tested in any gear as directed by the technical steward.
  - h. The clutch **MUST** be engaged during the test.
  - i. The Inspector shall open throttle as fast as possible until full open throttle (instantly, within 0.3 seconds). He will keep at max engine 'rpm' for 1 second. To end, the inspector will release the throttle quickly.
  - j. A motorcycle must always be able to reach a minimum RPM threshold to obtain the maximum result of the 2-meter sound test. Threshold values are provided by the manufactures, and are typical for their published production models. If no values are provided, The AMA will use Threshold values obtained from a dyno tests.***
  - k. The motorcycle must maintain at least the minimum RPM during the test. Any motorcycle that is unable to reach and maintain the minimum RPM stated will be refused.***
- 1. Minimum RPM: 250cc – 12,500 rpm / 450cc – 10,000 rpm**
- l. If the result exceeds the limit, including 'after fire', the Inspector shall test the motorcycle, maximum 2 times more.
  - m. For motorcycles equipped with an engine rpm limiter, opening the throttle will be made - instantly, within 0.3 seconds - and kept open until at least 1 second has evolved and/or when there is an audible sign of over revving the engine.
  - n. For motorcycles without an engine 'rpm' limiter, the opening of the throttle will have to be lower than 2 seconds and/or when there is an audible sign of over-revving the engine.

- o. If the engine tends to suffocate, close the throttle slightly and re-open the throttle.
- p. If detonations appear, the measurement must be started again.
- q. For the sound level measurement, the handling of the throttle is limited only to the Inspector, who shall open the throttle himself in order to minimize the influence by another operator (for that, it is helpful to have the microphone equipped with an extension cable to the sound meter).

### **C6 The Measurement of the Sound Level**

- a. When the measurement is considered acceptable, write down the result, then reset (push on the sideline) the MAX MIN setting until the disappearance of the previously displayed value.
- b. Push again on the sideline MAX MIN to arm the sound level meter.
- c. The sound level meter is then ready for the following measurement.
- d. An attempt by a participant to prevent his/her engine to reach the maximum published rpm figure will be considered a breach of the rules.
- e. Even after passing the sound control, if there is doubt, the motorcycle may be checked again.
- f. A noticeably lower engine speed is detected easily by hearing. If doubt, control of the value of the rpm limiter with a tachometer.
- g. A machine which does not comply with the sound limits can be presented several times at pre-race control.
- h. The silencers will be marked when they are checked and it is not allowed to change them after the verification, except for any spare silencer which has also been checked and marked.
- i. The end opening of the silencer shall remain unmodified once it has been checked and marked.
- j. Silencers fitted with removable end cap/adapters aimed to reduce the sound levels shall be marked and securely mounted to the silencer. If the removable end cap/adapters becomes separated from the silencer during any practice/qualifying or race, the silencer will be deemed modified and the rider will be penalized.

### **C7 Guidelines for Use of Sound Level Meters**

- a. Sound level measuring equipment must include a compatible calibrator, which must be used immediately before testing begins and always just prior to a re-test if a disciplinary sanction may be imposed.
- b. Two sets of equipment must be available in case of failure of tachometer, sound level meter or calibrator during technical control.
- c. Corrections
  - 1. Class 1 or class 2 sound meter: deduct 2 dB/A
- d. Ambient temperature

1. Below 50 degrees Fahrenheit: deduct 1 dB/A
  2. Below 32 degrees Fahrenheit: deduct 2 dB/A
- e. Precision of the method (tolerances)
1. Round down the meter reading; I.E. 114.9 dB/A = 114 dB/A.
- f. Action and decisions will depend on decisions taken during prior discussions with the AMA, Race Director and/or the Chief Technical Steward.

**Supercross information can also be found at:**  
**[www.amasupercross.com](http://www.amasupercross.com).** This includes Anti-Doping, rules, event supplemental regulations, competition bulletins, schedules, event specific information, online registration for license, credential and entry's and anything else you might need.

## Appendix D

### Fuel Test Procedures

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#### D1 Fuel Testing

- a. The AMA in cooperation with the FIM will carry out fuel tests at any time during the course of any Monster Energy AMA Supercross, an FIM World Championship meet.
- b. Any person or organization, being a potential supplier of fuel, may be requested to submit a sample for testing for conformity with the required fuel specifications.
- c. The chief technical inspector, in consultation with the race director, has sole authority to direct the administration of fuel tests during the course of any Monster Energy AMA Supercross, an FIM World Championship event.
- d. The criteria for selection of the machines from which samples are to be taken will be at the sole discretion of the chief technical inspector in consultation with the race director.
- e. The motorcycles selected for fuel sampling and testing will be placed in the impound area.
- f. The chief technical inspector will supervise the collection of the test samples.
- g. Only officials under the supervision of the chief technical inspector may take fuel test samples.

#### D2 Containers for Holding Samples

- a. Must be clean and constructed of robust, fuel non-reactive, impermeable material.
- b. Must be sealable.
- c. Must have provision for identification.

#### D3 Fuel Test Procedures

- a. The extraction of fuel from machines must be directly from the fuel tank.
- b. Three (3) test samples will be collected from each selected machine.
- c. The containers must be immediately sealed and identified by reference to the machine from which the sample was taken.
- d. This information must be entered on the AMA Supercross, an FIM World Championship Fuel Sample Certificate, which must certify the date, place and time of taking the sample, the identity of the machine from which the sample was taken, and the identity of its rider.
- e. The samples (A, B and C) must remain in the control of the chief technical inspector. The rider or a representative of the rider/team must sign the Monster Energy AMA Supercross, an

FIM World Championship fuel sample certificate acknowledging that a sample was taken, and rider or representative must receive a copy of the certificate.

- f. The chief technical inspector must arrange to deliver the samples (A, B and C) along with the Monster Energy AMA Supercross, an FIM World Championship fuel sample certificates to an express service for transportation to the AMA office.

#### **D4 Shipping from the AMA Office**

- a. Sample A and its certificate will be sent by express service to the official testing laboratory where the sample will be tested for compliance to the fuel specifications in accordance with standard scientific procedures.
- b. Sample B and its certificate will be safeguarded at the official testing laboratory, if Sample A is found to be in non-compliance to the fuel specifications, sample B will be tested for verification.
- c. Sample C will be safeguarded at the AMA office for future testing if necessary.
- d. The results obtained from such testing must be attached to the laboratory's copy of the fuel sample certificate and delivered to the AMA as soon as practicable after the results have been obtained.
- e. The AMA will appoint one or more laboratories for testing fuels.
- f. Upon receiving the report from the laboratory that a fuel sample or samples are not in compliance with the rules the AMA will inform the rider or team and assess a penalty.
- g. The rider may request to carry out a test of the B sample to verify the results. The testing of the B sample will be at the rider's expense.
- h. The AMA will receive the testing results of the sample B and compare with the testing result of sample A.
- i. Of these two testing results, the rider's more favorable testing result (whether it be the A or B Sample) will be taken into account.
- j. The independent testing laboratory in issuing the results of the test must also verify that the samples were received in good condition and with the seal intact.

## Appendix E

### Glossary

The following definitions and abbreviations are adopted for use in these Rules.

**AMA** - American Motorcyclist Association.

**Aftermarket** - Produced by a manufacturer or fabricator other than the original equipment manufacturer.

**Bodywork** - Seat/tail section, body panels and fenders.

**Casting** - The solidified part produced by a mold.

**CC** - Cubic centimeters.

**Displacement** - The volume swept by the piston(s) in each stroke.

**Disqualification** - The forfeiture of all awards, prizes and points earned in all events during that day's meet.

**DOT** - United States Department of Transportation.

**Event** - Any one of the races in a meet.

**Field** - All of the riders that make up a race.

**FIM** - Fédération Internationale de Motocyclisme.

**FMNR** - National Federation organizing a meeting.

**Heat Race** - A qualifying race that determines which riders advance to the Semi, LCQ or final event.

**Homologation** - AMA approval process initiated by manufacturers or distributors of motorcycles. Only approved motorcycles may be utilized in AMA Supercross competition.

**Last Chance Qualifier (LCQ)** - A final qualifying race for those riders who did not qualify from a heat race.

**Manufacturer** - The original manufacturer of a motorcycle, not the distributor.

**Marshal** - A flagger or observer placed by the race director around the racetrack to assist him in the running of the meet.

**Meet** - A meeting at which one or more events are held.

**Model** - A reference to a particular year and name assigned by manufacturers to certain motorcycles.

**Moto** - A race held within a meet that awards championship points.

**Motorcycle** - A rear wheel driven, two wheeled vehicle that is powered by a single engine.

**OEM** - Original Equipment Manufacturer.

**Official Results** - A listing of the final finishing order of an event issued by scoring after the 30-minute protest period has expired.

**Paddock** - Designated area primarily used for maintenance of event-entered competition motorcycles. May also include parking area for motorcycle transport and support vehicles.



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