

# **SCRC Rules - General Rules - 2012**

## **THESE RULES APPLY TO STREET STOCK, HOBBY STOCK AND MINI STOCK**

### **1. DRIVER HELMETS**

- a. Helmets are required and must be an approved minimum of DOT rated.
- b. Recommended Snell SA90 or SA95 rated.
- c. Helmets must be worn at all times when on the track and must accompany car at times of inspection.
- d. The helmet must be equipped with either a face shield or goggles. No open faced helmets allowed.
- e. Face shield are highly recommended.

### **2. DRIVER ATTIRE**

- a. Single layer minimum driver's fire suit or fire retardant coveralls are mandatory.
- b. A second layer of clothing must be worn under the fire suit or coveralls.
- c. All drivers must wear fire retardant gloves and neck brace.
- d. Fire retardant shoes recommended.

### **3. EXTINGUISHER**

- a. All race vehicles must have an approved fire extinguisher with inspection slip dated back no earlier than 1 year before.
- b. Must be mounted securely on the right side and within reach of the driver when seat belts are fastened.
- c. The fire extinguisher must be mounted to an approved mounting bracket.
- d. All fire extinguishers must have a recharge gauge.

### **4. BRAKES**

- a. Brakes must be operating on all four wheels of race car.
- b. Master cylinder must be in stock location.
- c. "NO" aftermarket brake pedal assemblies allowed.
- d. "NO" plastic lines.
- e. "NO" brake shut off devices.
- f. Drums and rotors have to meet minimum thickness.
- g. "NO" modifications allowed to rotors or drums other than resurfacing and stud hole modification.

### **5. STEERING**

- a. Mandatory collapsible steering column or 2 u-joints in shaft, not in a straight line.

### **6. EXHAUST**

- a. Exhaust systems must be mounted in such a way as to direct gasses away from the cockpit behind driver and away from areas of possible fuel spillage.
- b. Exhaust system may not be routed through cockpit.

**7. FUEL TANK**

- a. Gas tanks must be relocated and contained in trunk area no lower than bottom of frame rails.
- b. "NO" stock fuel tanks, except mini stock cars.
- c. The tank must be mounted securely with steel straps.
- d. Minimum 2 straps 1 inch x 1/8 inch flat to frame or cage.
- e. "NO" adjustable mounts.
- f. "NO" fuel lines or filters may be routed inside of car or cab except if fully enclosed in metal conduit.
- g. All homemade fuel tanks are not to be larger than 10 imperial gallons.
- h. All tanks must be enclosed in a steel or aluminum container.
- i. Fuel cell must be protected by rear hoop.
- j. Cell must be separated from the driver by a firewall.
- k. A rollover valve is required on the fuel cell/tank.

**8. BATTERY**

- a. Only one battery per car.
- b. Batteries must be relocated in the driver's compartment or trunk area.
- c. It must be securely fastened and contained in a marine type box or other approved battery box.
- d. Metal straps over battery required.
- e. Mounted to frame or cage in a metal frame.

**9. FUEL**

- a. Only pump gas sold by service stations for everyday passenger vehicles may be used for fuel.
- b. "NO" nitrous oxide.
- c. "NO" propane or natural gas fuels.
- d. Regular or premium unleaded or 10% ethanol blends only.
- e. "NO ADDITIVES".
- f. Fuel will be checked!!!!!!!!!!!!

**10. BALLAST**

- a. Loose objects and/or weights will not be allowed in the driver compartment.
- b. Any other weight added must be securely mounted.
- c. A minimum of two ½ inch bolts must be bolted through weights.
- d. Weights must be painted white and have the car number painted on them.

**11. RESTRAINTS**

- a. Seat belts and harnesses must be worn.
- b. 5 point harness with a 3 inch lap belt and 3 inch shoulder belt minimum, with a common release only.
- c. Seat belts must be in good condition and be at the discretion of tech committee. (No fraying).
- d. All harness mounting points must be to the roll cage.
- e. Shoulder straps must be mounted even with or 2 inches below top of shoulder.

**12. SEAT**

- a. Must have an aluminum racing seat or tech approved racing style seat, secured to the roll cage not the floor.
- b. Driver's shoulders can be no further back than front door window post. (B pillar)

**13. WINDOW NET**

- a. Window nets are mandatory and must be attached to the roll cage with a quick release mounted at top front of driver's side window A pillar, so there is a common release point in emergencies.
- b. No homemade nets or string type nets.
- c. Ribbon only.

**14. ELECTRICAL**

- a. Battery disconnect switch is required and must be within reach of driver.
- b. This switch must be clearly marked "OFF" and "ON".
- c. Switch must be located in an accessible left hand corner of the roll cage.
- d. Battery disconnect must kill engine.
- e. "NO" 2 way radios allowed.
- f. One-way radio communication mandatory for every driver commencing in the 2008 race season. Track approved receivers only.
- g. "NO" electronic monitoring computer devices capable of storing or transmitting information except tach allowed on cars.
- h. "NO" digital gauges allowed on cars.

**15. LIGHTS**

- a. All cars must have a "RED" light mounted at the rear of the vehicle and at the highest possible point facing rearward.
- b. An "AMBER" light mounted at the front of the vehicle and at the highest possible point facing forward.
- c. These lights must be wired to the ignition or main power switch so that any time the power is on the lights are on.

**16. DRIVESHAFT**

- a. Drive shaft hoops are required and must be constructed of a minimum ¼ by 2 inch flat steel within 6 inch to 1 foot from front U joint 360 degrees around shaft. The factory reinforced tunnel is sufficient for upper-section of hoop.
- b. Chain hoops will be allowed, minimum 5/16 chain.
- c. Chain and steel hoop can be combined.
- d. Drive shaft must be painted "WHITE".
- e. Steel drive shafts only minimum 2" diameter. (street and hobby cars only)

**17. WINDSHIELD**

- a. All glass must be removed, with the exception of the windshield.
- b. If the front windshield is removed it must be replaced with mesh or lexan or other suitable alternative (at tech discretion) on drivers half of windshield opening.
- c. A minimum of 3 "buzzard bars" (1/2 inch rod) must be secured vertically on the driver's side of the windshield, 6 inches apart, maximum 12 inches apart, with tech approved mesh across span.

- d. Rear view mirror is NOT allowed. All gauges and mirror like products must be mounted below the dash line.

#### 18. ROLL CAGE

- a. An approved cage assembly, fabricated from a minimum of 1 ¾ inch O.D. x .095 wall steel tubing, must be installed in the car. (See enclosed picture)
- b. Must include 4 one piece door bars on the driver side.
- c. 3 door bars or an X brace on passenger side.
- d. Roof bar split.
- e. One piece halo.
- f. Roll cage must be frame mounted in at least 6 places.
- g. "NO" brazing or soldering allowed.
- h. Electric welding sub-frame connectors allowed.
- i. Optional rub bars will be permitted on door panel between front and rear wheels.
- j. Rub bars must not protrude from body beyond 1.5 inches.
- k. All Rub bars must be approximately at bumper height, attached securely and tied to a fender, no more than 6 inches from the end.
- l. Front hoop are allowed.
- m. Rear hoop around fuel cell mandatory.
- n. Optional Earnhardt bar can be added to front windshield opening.
- o. Must have cage A pillar brace on driver's side. (Left front) 1.66" x .095" minimum.
- p. Steel door plates of 18 gauge or .049" minimum thickness (to fill gaps in door bars) mandatory.
- q. **Mini Stock Only** – Three one-piece door bars on the passenger and driver sides of the door, or an " X " on the passenger side door.

#### 19. RADIATORS

- a. Radiators must remain in front of engine and preferably in stock location.
- b. "NO" "Hot" Auxiliary cooling components allowed in cab.
- c. One radiator per car.

#### 20. BODY

- a. All flammable materials must be removed from the interior of the car.
- b. All holes in the front and rear firewalls must be filled with steel or aluminum.
- c. All cars in competition must have complete paint job.
- d. All cars must be brightly painted and neatly lettered.
- e. Numbers assigned by the S.C.R.C. must be painted on both sides of the car and on the roof (read from the right side), in a color offering distinct contrast to the color of the car.
- f. Numbers must be a minimum of 18 inches high and 3 inches wide.
- g. Mandatory smaller number on front and rear to aid in line up.

It is highly recommended that additional foot protection be added in the cockpit in the event of a collision.

#### 21. HOOD

- a. Hood is mandatory on race car while on the race track.
- b. All rear facing hood scoops must be enclosed.
- c. Rear of hood should be sealed off at firewall.

## 22. PITS RULES

- a. Minimum clothing required to be worn in pit area: Full length pants, shirts with sleeves, shoes (**no sandals**). Suitable attire will be enforced.
- b. Number of vehicles per pit: 1 tow vehicle, 1 trailer and 1 race car allowed per pit.
- c. Minimum Age Restriction: There is a minimum age restriction of 12 years of age for the pits, with written authorization by a parent or guardian. This authorization will be given at the back gate.
- d. Driver and Class Restriction: There is a driver and class restriction of a minimum age 14 years to drive. Any driver under 16 years is restricted to an entry level class, with written authorization by a parent or guardian. This authorization will be given at the back gate.
- e. Fire Extinguisher: Each pit must have a functioning 10lb fire extinguisher on hand each race day.

## 23. RULE GUIDELINES

- a. The rules in this document serve 3 purposes:
  - i. To keep costs down
  - ii. To ensure fair competition.
  - iii. To provide safety guidelines for participants and spectators.
- b. Rules are subject to additions/deletions pending new developments in safety research.
- c. Class rules take precedence when rules differ.
- d. If it doesn't say you can do it, assume that you can't.
- e. These rules are drafted with provision for interpretation by the officers/tech committee,  
and if needed, the elected officers will have the final say.
- f. If something is in question ask the tech committee.
- g. The tech officials can inspect any car at any time, or order that any part or parts be removed for inspection from any car at any time. If found legal the driver will receive up to \$25.00 to cover expenses.

## 24. S.C.R.C. RESERVES THE RIGHT TO DENY ACCESS TO ANY CAR OR PARTICIPANT.

REMEMBER, racing is a dangerous sport. S.C.R.A. assumes no responsibility for any injuries related to this sport. The responsibility falls on the participants to practice safe car construction.

If there are any questions regarding these rules, please contact Kevin Schafer.

**Having fun is mandatory!!!!!!!!!!**

*End of General Rules.*