

## Section 3 - Minimum Specifications

### 3.1 GENERAL

- 3.1.1 At any time, before, during or after an event, HWY 16, LLC., or track officials may require additional measures or equipment, or make additional determinations, as they deem necessary to further reduce the risk to competitors.
- 3.1.2 All cars are subject to a minimum specifications inspection at any time and a refusal of such inspection is subject to rule 2.4. It is the responsibility of the driver to prepare his/her car to comply with all the minimum specifications, to be free of defects, and in safe racing condition.  
These minimum specifications will be used unless specific rules for a division indicate otherwise.

### 3.2 SAFETY

- 3.2.1 Helmets. Helmets are required and must be a minimum of SNELL 2010 OR SA 2010 RATED and must be worn at all times when the car is on the track and must accompany the vehicle at time of inspection. The helmet must have face shield or eyewear protection, which must be in place while the car is on the track. A full-face helmet is strongly recommended.
- 3.2.2 Driving Suit. A driving suit of flame retardant nature [NOMEX TYPE] must be worn by all competitors unless otherwise specified for a division. If the driving suit is two-piece, both the top and the bottom must be worn at the same time. [One piece, minimum three layer quilted suit of fire resistant material, nomex underwear, sox, shoes, gloves and hood of fire resistant material, SA Rated are highly recommended.]
- 3.2.3 Exhaust System. Exhaust system must be mounted in such a way as to direct spent gasses away from the cockpit area of the vehicle and away from possible areas of fuel spillage. All exhaust exits should "turn down" toward track surface, NO DOOR EXITS allowed in any division.
- 3.2.4 Exhaust Noise Suppression. It is mandatory for the exhaust system to be equipped with a noise suppressor of some type so as **not to exceed** a decibel level of **95 at 100 feet anywhere on the race track**. However, if local track restrictions or governmental ordinances require a lower decibel level, then it is mandatory for the exhaust system to be equipped with a muffler so as not to exceed that lower decibel level. In all cases, the decibel level should be measured at racing speed or RPM and shall not be exceeded anywhere around the track.
- 3.2.4.1 *Winged Sprintcars and Pepsi Sprintcars must install spec legal mufflers as listed below to be in compliance with the "minimum specifications" and to be legal to enter and compete in any event. Schoenfeld #14272535 (-89 is not considered a compliant muffler) any non approved muffler may be disallowed at any time. Your Muffler(s) must be unaltered and in otherwise in stock condition. At anytime, the above spec muffler or any future deemed muffler, maybe required on any and all racecars attempting to compete in any event at Meridian Speedway.*
- 3.2.4.1 *Big 5 Latemodels will be allowed to use door exits, however any car with a door exit will be designed so as **not to exceed** a decibel level of **92 at 100 feet anywhere on the race track***
- 3.2.5 Fuel Cell. Safety approved fuel cells are mandatory. Fuel Cells must be enclosed in a metal case or 18 gauge metal and must have protective hoop at the rear that extends at least 1 inch below the fuel cell. The fuel cell overflow hose must be gone to the bottom of the cell on the outside and must be fastened at the bottom of the cell, or a check ball valve must be used. All fuel cells must have a minimum of (2) 2 inch x 18-inch metal straps or equivalent metal surrounding the cell. [All divisions are subject to compliance with rule 3.2.5 any deviance of this rule is subject to specific fuel container rules in respective sections for each division.]
- 3.2.6 Batteries. Batteries must be securely mounted and shielded. Batteries mounted inside the driver's cockpit must be in a marine type case or metal box.
- 3.2.7 Loose objects. Loose objects and/or weights will not be allowed above interior tin or deck. Any weight added to the other areas of the racecar must be mounted using a minimum of one 3/8" bolt through the weights. It is required that your weights be painted white and have your car number painted on them.
- 3.2.8 Shoulder Harness, Belts, Restraints and Nets. A competition shoulder harness, at least (3) inches wide is required. Exception: HANS device shoulder straps may be of industry standard with. No OEM factory type belts or straps will be allowed. Metal to metal buckles are required on the shoulder harness and lap belt. The Harness must mount in at least (5) points below the drivers shoulders [sub strap]. Minimum Window Nets are mandatory and must be mounted with a quick release.. Roll bar padding of all bars within reach of the driver is mandatory. Approved neck brace is mandatory. Commercially produced Head & Neck Restraint is Highly Recommended in all racing divisions.
- 3.2.9 Kill Switch. A kill switch is required and must be within easy reach of the driver with the shoulder harness and lap belts fully cinched. The Kill Switch must be Clearly marked "on" "off" and painted RED.
- 3.2.10 Drive Shaft Hoops. Drive Shaft hoops are required and must be constructed of at least the equivalent of ¼ inch by 2 inch steel and must be mounted in such a manner as to contain the drive shaft in case of breakage. The drive shaft must be painted white.
- 3.2.11 Explosion proof bell housing is highly recommended in all divisions
- 3.2.12 All cars/drivers must meet radio communication provisions and division specifications.