**Modified Class**

**Age:** Must be at least 12 years of age or at the discretion of the race director.

**Engine:** All engines must be vertical or horizontal shaft, lawnmower type engines to a maximum of 24 hp. Must be air cooled, gasoline powered engines running on pump gas no higher than 96 octane. Internal modifications are allowed in this class. Balancing, blueprinting, porting, polishing etc. are allowed. Governors may be removed. Custom/ open air filters are allowed. External fuel pumps are allowed.

**Drivetrain:** Tractors must utilize a shift able transmission or transaxle of the lawnmower type or RAGB (right angle gear box). Locking transaxle/differential allowed. Driveline pulleys and sprockets may be changed. Gear boxes must not have any gears removed. Reverse chain may be removed for safety reasons. All moving chains/belts not covered by the underside of the tractor must have guards in place.

**Chassis:** Frame and axles may be modified as long as it is an original lawnmower chassis, no custom built tube frames. Extra reinforcement may be added to the frame for structural strength. No suspension may be added. Bumpers and nerf bars may also be added.

**Wheels/Tires:** Must be steel or aluminum rims. Turf type tires, Kart tires and ATV tires are acceptable. If using an aggressive ATV tire rear bumpers are required to prevent other drivers from running up on them ( Tech Directors discretion to ensure safety)

**READ GENERAL RULES AS WELL ADDITIONAL RULES APPLY.**

**Personal Protective Equipment:**

The following equipment must be worn at all times when operating the racer:

CSA/DOT approved helmet, eye protection (goggles, visor, glasses), footwear that covers the participants ankles recommended, long pants, and a long-sleeved shirt or jacket (coveralls are recommended).

**Basic Rules All Classes:**

-Tethered kill switches are required on all mowers with the exception of the stock class, in which the stock seat shut-off switch must be retained and functional. A working kill switch is required to race.

-All mowers must pass a tech inspection prior to racing. Any unit considered to be dangerous will not be allowed to race until the hazards have been addressed to the satisfaction of the Tech Inspector. All mower must have safe steering, working brakes, safe tires and a kill switch.

-Batteries must be fastened securely and covered. Stock mounting is acceptable.

-Fuel tanks must be proper metal or plastic fuel tanks, mounted securely and protected. Stock tanks/mounting are acceptable.

-Sharp corners, edges, or protrusions should be removed, blunted or protected for racer safety.

-Mower decks may be retained however blades MUST be removed.

-Any belt, chain, or moving parts must be guarded unless covered on the underside of the tractor.

-All tractors must have a visible race number. Minimum 3” height is recommended on a contrasting background. Numbers must be from 0-999, no more than 3 digits, no letters.

**Engines:** Each class has a specific maximum horsepower rating and maximum displacement. Any allowable modifications will be stated for that class, if it does not say you can do it, it is probably not allowed. No grinding or machining of flywheels. Engines using cast iron flywheels are limited to a maximum of 4000 RPM for safety reasons. Cooling fins and safety shields must be intact. No diesel or liquid cooled engines in any class, with exception of the outlaw class. All mowers must have on board starting systems with the exception of the outlaw class.

**Chassis:** Frames, parts, etc. must retain original manufacturers specifications unless stated otherwise within a particular class. Material may be added for structural strength. Tractors must retain a lawn tractor appearance with a hood covering the engine and rear fenders. No handlebars to prevent a racer being pierced in the event of a rollover. Additional bumpers/nerf bars may be added for protection but must not pose a hazard for other racers. Tractors must have been a factory-built lawn cutting tractor.

**Body:** Can be customized (where allowed) but must retain the appearance of a lawn tractor. All parts must be securely fastened to the chassis.

**Fuel:** Pump gas (maximum 96 octane) unless specified otherwise within that class.

**Brakes/Clutches:** Must be intact and working. If not equipped with a neutral gear, tractors must have a clutch lockout so the machine can be pushed by hand. When running centrifugal clutches, the driver must be seated on the machine to have it started or have the rear wheels securely off the ground.

**Throttle:** No fixed throttles unless specified otherwise within that class. Throttle must have an effective spring return and the engine must return to an idle when the throttle is released. Both foot throttles and squeeze or trigger type steering wheel mounted throttles are acceptable.

**Exhaust:** Open is allowed as long as it points away from the driver and poses no apparent hazard.

**Tires/Wheels:** Turf type lawn tractor tires only for all classes unless specified otherwise within that class. Go Kart slicks are allowed. No using fasteners to secure tires to the rim. Maximum 42” width outside of tires all classes except Outlaw class which is 46” outside of tires. No modifications to frame length except in Modified and Outlaw Class (Mower must still look like a riding mower)