

**New England Sand Drags, all classes Safety Rules:**

- 1. New England Sand Drags is a racing series run and sanctioned by the North-East Off-Road Vehicle Competition Association, referred to as NEORVCA. NEORVCA is chartered in the state of Maine as a 501.c3 not-for-profit organization.**
- 2. All vehicles must be inspected by NEORVCA's technical inspection team before they can run time trials or compete. They must meet the rules for the class they are competing in. NEORVCA reserves the right to refuse any vehicle from racing for any safety reason. All decisions of the Tech team are final and are not subject to appeal. All vehicles must be inspected by NEORVCA's technical inspection team before they can run time trials or compete and must meet the rules for the class they are competing in. NEORVCA reserves the right to refuse any vehicle from racing for any safety reason. All decisions of the Tech team are final and are not subject to appeal.**
- 3. Vehicles must be in good mechanical condition including brakes, steering, tires, etc.**
- 4. Vehicles must be free of loose objects.**
- 5. Good working brakes are required. NEORVCA officials will perform a brake test as part of the annual tech inspection.**
- 6. Open exhaust is not allowed on any vehicle competing in our events. The board of directors implemented this rule to preserve our ability to run races at the Fairgrounds. Some form of sound restriction must be present to pass inspection.**
  - 6.1. All 4wd and 2wd cars/trucks/ATV's must have mufflers or exhaust inserts (baffles) etc.**
  - 6.2. We will also be monitoring the decibel readings of all vehicles competing in our events and reserve the right to disqualify those vehicles that exceed reasonable levels.**
- 7. Helmet requirements:**
  - 7.1. Enclosed vehicles with windshields**
    - 7.1.1. Appropriate helmet required**
  - 7.2. All open vehicles without windshields**
    - 7.2.1. Full face helmet required a shield or safety goggles (no sunglasses)**
    - 7.2.2. Open face helmet must have a full-face shield**
    - 7.2.3. Top Classes competitors must have a DOT / SNELL approved helmet**

8. *All vehicles using alcohol or nitro*
  - 8.1. *Must notify N.E.O.R.V.C.A. officials at tech inspection that the vehicle is running alcohol*
  - 8.2. *ATV's –At a minimum must wear fire rated pants or jeans. A fire suit is recommend rated at SFI 3.2A/1 or higher in one or two piece styling*
  - 8.3. *Street and Top Eliminator the driver must wear a fire suit including gloves rated at SFI 3.2A/1 or higher in one or two piece styling , multilayer would be better*
9. *All competitors must be present at the drivers meeting.*
10. *All disputes, including red light starts will be resolved by the event officials. Assignments of relevant officials will be announced at the drivers meeting.*
11. *Each wheel must have all the correct number of studs and lug nuts for which it was designed (i.e., 8 lug wheels must have 8 studs and 8 lug nuts.*
12. *Any competitor under the age of 18 requiring a parent or guardians signature to compete and must have that adult present throughout the entire event.*
13. *Staging lane rules:*
  - 13.1. *No smoking or alcohol use allowed in staging lanes*
  - 13.2. *No foul or inappropriate language allowed*
  - 13.3. *Any competitor found or suspected of being impaired will be disqualified from competition.*
  - 13.4. *All vehicles entered in competition, must be in the staging lanes at the start of the drivers meeting. If they are not because they are making*

**GENERAL RULES FOR 2x4 4x4 STREET AND TOP CLASS VEHICLES:**

1. *Any vehicle using an automatic transmission must be equipped with a working neutral safety switch.*
2. *Any vehicle running a blower must run blower restraints.*
3. *All batteries must be firmly attached. (If in driver's compartment must be fully enclosed.)*
4. *Vehicle's equipped with modified transfer cases (i.e., chain drive) must have a 1/8-inch shield covering top half of unit to 180 degrees of coverage.*
5. *Open vehicles must have a window net on driver's side to keep the driver's arms in the vehicle in case of a roll over. The window net must be properly secured from 4 corners. Full canvas doors will only be accepted as a*

*replacement of a window net in the Street Class. Canvas Half doors will not be accepted replacement for window net.*

**1. Roll Bar / Roll Cage General Requirements**

- 1.1. Roll Bars and Roll Cages shall be of sufficient strength to protect the driver in all reasonable circumstances. Vehicles with non-removable factory hardtops may use bolted roll bars and cages.**
  - 1.2. All Roll Bars and Roll Cages will be made of a minimum of 1 1/2" OD. Steel with .90 wall thickness minimum.**
  - 1.3. Square tubing is not allowed.**
  - 1.4. All joints must be completely welded except vehicles with non-removable factory hardtops using bolted roll bars / cages.**
  - 1.5. No threaded pipe or threaded joints of any kind permitted.**
  - 1.6. Roll bars and cages on fiberglass bodied vehicles must be attached to the frame at the required number of points as stated in the class rules. In the classes where a cage is required the driver's seat must be attached to the cage.**
- 6. Race type seats must be attached to the roll bar / roll cage at shoulder level.**
  - 7. Fire suits are required for all drivers who are exposed to the carburetor, without windshield and/or fire wall protection.**
  - 8. Vehicles running competition type tires in the Street class (i.e. paddles, cut tires, etc.) are required to have:
    - a. All of the Top Eliminator drive train safety equipment.****
  - 9. At a minimum the Roll Bar / Roll Cage required for vehicles running faster than 6.0 seconds. Note: When more is required by class, class rule takes precedent.**
  - 10. Vehicles running paddles, scoopers, diggers, cut tires or non-DOT tires must run drive shaft loops. 1/8 inch steel cable will be accepted in the Street Eliminator class.**
  - 11. A working fire extinguisher easily accessible to the driver while fully strapped into the vehicle. Extinguisher will be at least a B-C unit.**

**STREET CLASS VEHICLES**

- 1. Class is limited to vehicles dialing-in at 5.0 seconds or slower.**
- 2. Tires are limited to DOT, cut DOT and Paddle Tires. No Hooker, Scooper, Super Scooper or Bigger Digger tires allowed.**

- 3. Securely attached seat belts and shoulder strap (stock type okay).**
- 4. A working fire extinguisher for vehicles running 5.99 or quicker is required and must be easily accessible to the driver while fully strapped in the vehicle.**
- 5. Fire extinguisher will be at least a B-C unit.**
- 6. Roll Bar / Cage Requirements**
  - 6.1. All**
    - 6.1.1. Vehicles running 6.0 seconds and slower**
      - 6.1.1.1. Properly secured roll bar (4 point) for soft-top (open) vehicle only**
    - 6.1.2. Vehicles running quicker than 6.0 seconds -**
      - 6.1.2.1. Vehicles with non-removable factory hard tops A secured roll bar or roll cage (4 points at a minimum).**
    - 6.1.3. All Others**
      - 6.1.3.1. A six (6) point roll cage, with bracing bar connecting the front and rear roll bars on both sides. The cage must totally enclose the driver's body when strapped into the vehicle. This may be accomplished by running two support braces from both sides of the hoop to the frame and a brace from both frame rails to protect the driver's legs in the case of a roll over.**
      - 6.1.3.2. If the roll bar/cage is designed in such a way that the driver's arm(s) could extend out of the cage during a rollover then the vehicle must be equipped with either window net(s) or arm restraints**

**TOP CLASS CARS/TRUCKS:**

- 1. Class is limited to vehicles dialing in at 4.99 seconds or faster.**
- 2. Full seat belt and shoulder harness with single release, properly attached. (4 point) stock type not allowed.**
- 3. Drive Train Requirements**
  - 3.1.1. Vehicles with an automatic transmission must have N.H.R.A. approved shield that covers 180 degrees of top half of the transmission or a blanket that covers the transmission 360 degrees.**
  - 3.1.2. Vehicles with a standard transmission must have an N.H.R.A. approved scatter shield or blanket. Homemade scatter shield allowed if steel plate (1/8") is fully welded and covers 360 degrees of bell housing.**

**3.1.3. Drive shaft loops front and rear, at center of drive shaft. 1/8" steel minimum, 360 degrees.**

**3.1.4. U-joint shields of 360 degrees 1/16" thickness recommended on all exposed drive shaft U-joints.**

#### **4. Roll Cage Requirements**

**4.1.1. A roll cage attached to the frame in at least 6 points, with bracing bars connecting the front and the rear roll bars on both sides.**

**4.1.2. The cage must totally enclose the driver's body when strapped into the vehicle. This may be accomplished by running two support braces from both sides of the front hoop to the frame and a brace from both frame rails to protect the driver's legs in the case of a roll over.**

**4.1.3. If the roll cage is designed in such a way that the driver's arm(s) could extend out of the cage during a roll-over then the vehicle must be equipped with either window net(s) or arm restraints.**

**5. Vehicle must have an ignition kill switch within reach of the driver when he or she is strapped in the harness and must be easily reached when the seat is fully retracted. Electric fuel pumps, nitrous oxide systems and magnetos must be wired to that system. The kill switch must be labeled "KILL SWITCH" "ON" – "OFF". No ignition switch is allowed as a kill switch.**

**6. Vehicle must have a battery disconnect switch with the control located at the rear of the vehicle and the On/Off positions must be clearly labeled.**

#### **GENERAL ATV RULES**

**1. All racers must wear long sleeve shirts, long pants and boots. (no sneakers or slip on boots)**

**2. All racers must have a DOT approved helmet with eye protection.**

**1. Face shield, goggles or safety glasses are acceptable**

**2. Regular sunglasses are not approved.**

**3. Top ATV competitors must have a DOT/SNELL approved helmet**

**3. All ATV's must be equipped with a tether kill switch.**

**4. All machines must have working rear brakes**

**5. All ATV's must be in safe running condition. Tires must be in good condition. Subject to inspection by the racing board. The board's decision is final.**

- 6. All vehicles must have a solid shield protecting the riders' feet/ankle from moving parts.**
- 7. All ATV's with car style seating must have a roll cage that extends above the rider's head and a safety belt.**
- 8. All riders must travel through staging and return lanes at safe slow speeds. Wheelies, spinouts, and horseplay will not be tolerated.**
- 9. All disputes, including red light starts will be resolved by the event officials. These assignments are announced at the drivers meeting.**
- 10. All board decisions are final. Any further arguments may lead to disqualification.**

#### ***Peewee Class:***

- 1. Limited to new racers aged 4-6 years old**
- 2. Racers in this age group must compete a minimum of two seasons in this class before moving up to the Junior's class**
- 3. Staging assistance is permitted**
- 4. Bikes are limited to 110cc max**
- 5. Times are limited to xx.xx seconds**
- 6. Chest protectors are suggested**

#### ***Junior Class:***

- 1. Limited to racers aged 7-13 years old**
- 2. Bikes used in Junior's competition are limited to 200cc 2-stroke, and 400cc 4-stroke. Larger bikes may be allowed at the discretion of NEORVCA officials.**
- 3. Staging assistance is only permitted during Time Trial. NO assistance is allowed during eliminations**
- 4. Times are limited to a dial-in of 7.0 seconds or slower**
- 5. Chest protectors are suggested**
- 6. Any junior competitor running paddle tires must have a wheelie bar.**

#### ***ATV Trail***

- 1. Times are limited to bikes dialing-in at 5.60 seconds or slower**

## ***ATV Top***

- 1. Times are limited to bikes dialing-in at 5.79 seconds or quicker***
- 2. All ATV's running at 4.99 or faster must wear motorcycle leathers or chest protector.***
- 3. Jeans, riding pants or equivalent are required.***