

- 1) Tractors must have a wide front end. Front tires must track within the rear tires.
- 2) Tractor chassis is limited to 14 feet from the center of the rear axle to forward most point, which includes the weights. To be measured by (2) tech inspectors by plumbing a line? On flat surface and no variance is allowed. Placement of weights noted on certification sticker.
- 3) All frames are to be rigid with no pivot points (IE:trick hitches)
- 4) Modified tractors with frame bolted transmission shall also be bolted to axle housing to prevent splitting of tractor at rear ends. Must be of sufficient strength to support the weight of the tractor in the heaviest class being entered with bolts removed from plate of transmission or rear end.
- 5) Seatbelts or seat side rails must be used.
- 6) Working backup lights in view of driver and sled operator required.
- 7) Tractors must have 6" fender/shield over tires.
- 8) Tip-over bars must meet NTPA requirements.
- 9) Roll cages must be made out of 2"x.095cm chrome molly or 2"x.120 mild steel and will be sonic tested to meet the NTL spec .120 SFI or .095cm or SFI certified.
- 10) All open bodied modified vehicles must have a roll cage equipped with lap belt and 5pt harness.

Engine:

- 1) Engine couplers and flex plates or starter gears need to be covered with a 1/4" steel or 3/8" aluminum.
- 2) Multiple alcohol injection, supercharged or turbine engine tractors must designate which engine is being used per event.
- 3) No V12 engines allowed.
- 4) Turbine engines limited up to T53-L13.
- 5) V8 motors limited to 650 cubic inch alcohol injection; 575 cubic in supercharged with an 871 supercharger or 1100 cubic in naturally aspirated single or multiple engines on carburetor and to run on pump gasoline not to exceed 93 octane.
- 6) 15% overdrive limit on blowers at 6500lb vehicles and 15% overdrive limit for hemi engines.
- 7) No dual ignition systems allowed, plug heads.
- 8) Turbine shielding 3/8" steel 360 degrees, 5" before and 10" after turbine hot section.
- 9) Kill switches are mandatory.
- 10) Supercharged motors limited to maximum 871 CFM unit. Allow turbo chargers on automotive V8 type. Screw blowers prohibited.
- 11) Supercharger drive components must be shrouded on top and sides. Shield must be wider than belt drive and securely mounted. Shield must be wider than all components: idler, belt, pulleys and extend beyond bottom pulley.
- 12) Supercharger restraint system required. Subject to tech inspection approval.
- 13) Exhaust must exit vertical plus or minus 10 degrees.
- 14) Engine shields have a 1/4" steel shield 1" wide, 360 degrees around harmonic balancer, water pump may be used, SFI excluded. Must have straps 1/4" x 1" that will keep harmonic balancer from working forward.
- 15) **OEM style HEADS cast iron or aluminum with stock intake and exhaust runner placement and valve angles not to be more than 2 degrees out of stock position.**

Drive:

- 1) Automatic transmissions must have approved blanket(s) from back of block to tail shaft. No steel shielding allowed. SFI flex plate recommended.
- 2) Tractors must have automatic reverse lockout.
- 3) Tractors must have functional return springs-throttle link return to close.
- 4) U-joints and drive shafts shielded 360 degrees the total length. (5/16" STL 3/8" Alum.)
- 5) Tractor must have good working brakes.
- 6) **Engines rated 1500 horsepower or less to have a minimum of four cables ¼ inch in diameter or larger. Cables must go on outside of containment shield and be mounted 90 degrees of each other.**
- 7) **Tractor Skid Plates- Front axle skid plates specs for all tractor classes.**
 - A. **Skid Plate must be mounted inline with each frame rail and extend from center of the front axle forward (on both sides) equal in strength to frame rail material. Skid Plate surface to be a minimum of 4 inches wide x 12 inches long with a minimum of 6 inch curve when measured from the front most part of rolled edge.**
 - B. **Front axle support to be made of 2.00" x .095" chrome molly tubing or 2.00" x .120" mild steel tubing or same material as tractor frame rails. Front axle support should connect to each frame rail inline and extend toward front of tractor. Front skid/front axle support should have radius to prevent digging into track. Front axle support should be strong enough to support front end weight of tractor. Support should be maximum of 4 inches ground clearance.**

***** Skid plate must be able to support the weight of the front end when checked by jack. Maximum of 4 inch ground clearance.**

Tires:

- 1) Traction tires are limited to a maximum 30.5 x 32. No radial drive tires allowed.

Hitch:

- 1) All vehicles to comply with 20" maximum drawbar height restrictions. Drawbar heights to be checked before each hook by designated individuals.

Miscellaneous:

- 1) Helmets and single layer Nomex fire suits (pants/jackets) are required. Fire shorts or leather boots, head socks and fire gloves are suggested.

****If no scale at an event, vehicles will run at certified weight and must be checked by tech official before pulling. Every competitor will receive a copy of certification on all pulling vehicles.****

Any rules or regulations that form a gray area or not previously stated are subject to be defined or changed by the MTTPA.