



5000LB. ECONOMY MODIFIED CLASS

1. ENGINES:

1.Engines.

- Limited to automotive type small block
- Must be an OEM block
- May have blower or twin turbos
- Blower belt shield required. Blower restraint required.

2.Harmonic balancers must be 360 degree shielded and fastened with bolt. SFI approved balancers exempt from shielding.

3.Vehicles equipped with any type of clutch must have steel or aluminum flywheel and use a blow proof bell housing or be shielded 360 degrees. All automatic transmissions must have positive reverse gear lockout and a safety blanket installed (blanket must be in good condition).

4.Maximum length of vehicle is 12' from center of rear axle housing to the further most point of vehicle. Front wheels must track within rear wheels.

5.Hitch height is 20" for all vehicles in Modified class and length is minimum of 18" from center of rear axle to hook point. No clevis allowed on drawbar. Hitches must be rigid, in all directions. No movement is allowed while pulling. HITCH HOLE TO BE 3.75" x 3.0" Drawbars must be parallel to the ground. Hitch must be horizontal - Not vertical. Do not connect drawbars and stabilizer bars.

6.Maximum tire size of 18.4" x 38". Single cut or double cut tires allowed.

7.Competing vehicles must have working rear wheel brakes.

8.No turbine tractors or super stock tractors allowed to pull in the Modified class.

9.All exhaust systems must discharge vertically - Vertically is defined as being within 10 degrees (any direction) of "being plumb". Height shall be a minimum of 12" above the bend in the pipe which discharges vertically, measured from the top of the pipe to the bottom of the bend.

10.Pulling vehicles must have an automatic ignition kill switch and/or shut off. Kill switch must be mounted independently of drawbar and/or wheelie bars. Kill switch to be mounted in rear center of vehicle, 48" above and within 6" off center of point of hook. Kill switch for spark ignition engines must break or ground the ignition circuit and must break electric power to an electric fuel pump(s) if so equipped.

11. Pulling vehicles must have a shield between the driver and the tires that consists of a solid barrier between the driver and any part of the rear tires. The barrier must be able to sufficiently support the weight of the driver.

12. All vehicles must be equipped with stabilizer bars. Stabilizer bars to have pads, not wheels, on bottom of bars. Pads to be a minimum of 5 sq. in. Pads to be a minimum of 32" rearward from the center of the rear-end housing. Pads maximum of 10" off the ground. Outside to outside length of pads to be a minimum of 20". Minimum 12" high bumper bars - Top to be fastened to stabilizer bar framing. Bars must support weight of tractor for weight class being pulled.

13. All weight frames and weights must be stationary and safely secured to the vehicle. Frames or weights must not extend rearward beyond the rear tires or exceed the width of the rear tires. No weights on vehicle seat or deck or within 8" of top of drawbar.

14. All driveshafts must be enclosed. Any continuous section cannot be longer than 48".

15. Legal fuels are gasoline, and alcohol. All forms of nitromethane, including nitrous oxide and propylene oxide are illegal.

16. Vehicle must have a rollover protection bar or cage that is at least as high as the top of the driver's head/helmet. Rollover protection must be fastened at least two points to the rear axle housing. Factory style flip down tops allowed. Rollover protection must be able to lift one rear wheel when pulled horizontally from the top of the bar/cage without damage to the roll bar/cage.

17. Fire extinguisher is required.

18. Driver must wear helmet and fire suit, if alcohol is used as the fuel gloves, boots and head sock must also be worn.

7,800 LB. LIMITED MODIFIED CLASS

1. ENGINES:

1. Engines.

- Limited to automotive type - maximum of eight cylinders per engine - two valves and one spark plug per cylinder.
- One blown or two naturally aspirated engines per vehicle.
- Maximum size blown - 575 cubic inch, naturally aspirated - combined 1100 cu. in.
- maximum blower size 8-71. No high helix rotors or cases.
- Aluminum blocks are allowed.
- Blower belt shield required. Blower restraint required.
- No Super Stock tractors allowed

2. On vehicles with multi-cylinder engines using starter ring between engines - the starter ring must be 360 degree shielded with 1/4" steel and have both ends enclosed.

3. Multi-cylinder engines that are coupled together the coupler must be 360 degree shielded.
4. Harmonic balancers must be 360 degree shielded and fastened with bolt. SFI approved balancers exempt from shielding.
5. Vehicles equipped with any type of clutch must have steel or aluminum flywheel and use a blow proof bellhousing or be properly shielded 360 degrees. All automatic transmissions must have positive reverse gear lockout and a safety blanket installed (blanket must be in good condition).
6. Maximum length of vehicle is 15' from center of rear axle housing to the further most point of vehicle. Vehicle must have wide front axles. Front wheels must track within rear wheels.
7. Hitch height is 20" for all vehicles in Modified class and length is minimum of 18" from center of rear axle to hook point. No clevis allowed on drawbar. Hitches must be rigid, in all directions. No movement is allowed while pulling. HITCH HOLE TO BE 3.75" x 3.0" Drawbars must be parallel to the ground. Hitch must be horizontal - Not vertical. Do not connect drawbars and stabilizer bars.
8. Maximum tire size of 30.5" x 32". Single cut or double cut tires allowed.
9. Competing vehicles must have working rear wheel brakes.
10. Two-wheel drive trucks using non-planetary rears must use hub shields.
11. No four-wheel drive trucks or classic modified tractors allowed to pull in Modified class.
12. No turbine tractors or super stock tractors allowed to pull in the Modified class.
13. All exhaust systems must discharge vertically - Vertically is defined as being within 10 degrees (any direction) of "being plumb". Height shall be a minimum of 12" above the bend in the pipe which discharges vertically, measured from the top of the pipe to the bottom of the bend.
14. Pulling vehicles must have an automatic ignition kill switch and/or shut off. Kill switch must be mounted independently of drawbar and/or wheelie bars. Kill switch to be mounted in rear center of vehicle, 48" above and within 6" off center of point of hook. Kill switch for spark ignition engines must break or ground the ignition circuit and must break electric power to an electric fuel pump(s) if so equipped.
15. Pulling vehicles must have a shield between the driver and the tires that consists of a solid barrier between the driver and any part of the rear tires. The barrier must be able to sufficiently support the weight of the driver.
16. All vehicles must be equipped with stabilizer bars. Stabilizer bars to have pads, not wheels, on bottom of bars. Pads to be a minimum of 5 sq. in. Pads to be a minimum of 32" rearward from the center of the rear-end housing. Pads maximum of 10" off the ground. Outside to outside length of pads to be a minimum of 20". Minimum 12" high bumper bars - Top to be fastened to stabilizer bar framing. Bars must support weight of tractor for weight class being pulled.

17.All diesel engines must have smoke tube compatible with the sled.

18.All weight frames and weights must be stationary and safely secured to the vehicle. Frames or weights must not extend rearward beyond the rear tires or exceed the width of the rear tires. No weights on vehicle seat or deck or within 8" of top of drawbar.

19.All driveshafts must be enclosed. Any continuous section cannot be longer than 48".

20.Legal fuels are gasoline, diesel, and alcohol. All forms of nitromethane, including nitrous oxide and propylene oxide are illegal.

21.Vehicle must have a rollover protection bar or cage that is at least as high as the top of the driver's head/helmet. Rollover protection must be fastened at least two points to the rear axle housing. Factory style flip down tops allowed. Rollover protection must be able to lift one rear wheel when pulled horizontally from the top of the bar/cage without damage to the roll bar/cage.

22.Fire extinguisher is required.

23.Driver must wear helmet and fire suit, if alcohol is used as the fuel gloves boots and head sock must also be worn.

7700lb Hot Farm 466

1. 7700lb Max weight.
2. 466 cubic inch. Diesel Fuel only. No accelerants permitted. Water injection is permitted. Intercoolers permitted.
3. 3" X 4" turbocharger max size.
4. All other rules follow 9,000lb Light Limited Pro Class.

9000lb Light Limited Pro

1. 9000lb Max
2. 540 cubic inch. Diesel Fuel only. No accelerants permitted. Water injection is permitted. Intercoolers permitted.
3. Limited to 1 turbocharger, unlimited size.
4. Max Pump – P Pump – 1 plunger per cylinder. No Sigma pumps. No billet pumps or housing. All tractors must have a fuel dump valve.
5. 24.5 X 32 Max Tire Size. Double Cuts allowed
6. No component chassis, no planetary, no dropbox, etc.
7. Must have working rear brakes.
8. Must have working air shut off and deadman's throttle. Must be able to be operated by driver and/or sled driver. Air shut-off cable must activate air shut-off to engine. Air shut-off must be a positive enclosed cable. The shut-off cable must have a minimum of 2" diameter solid ring, with minimum 1/8" cross section thickness attached to it.

9. All tractors must have cable surrounding the engine block & head. Cable must be 3/8" diameter and located between 1st and 2nd cylinder. Cable must pass through manifold areas. Cable must have 4" – 6" of slack. Minimum of 2 clamps at all splices.
10. Must have approved clutch/transmission safety blankets and engine side shields. Side shield material to minimum .060" inch thickness. Plastic or fiberglass hoods must be shielded in the turbo area.
11. Pulling vehicles must have a shield between the driver and the tires that consists of solid barrier between the driver and any part of the rear tires. The barrier must be able to sufficiently support the weight of the driver and must extend a minimum of 6" horizontally at the top and be a minimum of 36" wide at the top.
12. Mandatory SFI rollover protection cage that is at least as high as the top of the driver's head/helmet. Rollover protection must be fastened at least 2 points to lift one rear wheel when pulled horizontally from the top of the bar/cage without damage to the roll bar/cage.
13. 5-point safety harness required.
14. 2lb fire extinguisher, up to date, within reach of the driver mandatory.
15. Up to date SNELL helmet and SFI approved 5-layer fire suit mandatory.
16. Must be agricultural type tractors having engine, grille, hood and sheet metal of one manufacturer. Must be wide front-end configuration. Component tractors allowed.
17. All exhaust must exit upward with a minimum pipe length of 18" from the hood line. No rain caps. 2 – grade 8 bolts, minimum 3/8" diameter, in a cross (X) pattern 1" from each other as close to the exhaust housing as possible. Any turbocharger not under the hood must be completely shrouded 360 degrees (except inlet and exhaust pipe) with minimum 1/16" or 0.060" thick steel.
18. Weights must not extend more than 13ft from center of rear axle to furthest most point (including tow hook).
19. All fans must be factory shrouded or shrouded 360 degrees with 1/16" thick steel.
20. Tie bars required. Must extend from front of clutch housing to rear axle housing.
21. All suitcase weights must be stationary and safely secured to tractor. All weights and frames must not extend rearward of rear tires or width of rear tires. No weights on vehicle seat, deck or within 8" of top of drawbar.
22. Front skid bars required.
23. Stabilizer bars are required.
24. Draw bar hitch, height max 20". Hitch length 18 minimum from center of axle to hook point. Hitch must be rigid in all directions. No movement or trick type hitches allowed. Drawbar slope must be max of 10 degrees from parallel to the ground. No vertical hitches allowed. No cast components allowed.