

Tractor Rules 2015 - Modified & Pro-stock

General & Safety

1. Rubber tires only. No duals. No 4wd. No loaded tires.
Maximum tire size 30.5 x 32, or smaller.

2. Tractor must have working rear brakes. Must be able to stop tractor

3. Stabilizer bars required:
 - Minimum 32 in From centre of rear axle to rear of pad
 - Minimum 20 in. outside pad to outside pad
 - Minimum pad 5 x 5 inches 1/4 inches thickness
 - Maximum pad to ground 10 inches.... 8 inches preferred
 - a) Vertical bumper required 12 inches up from rear pad
 - b) horizontal brace from top of bumper inward securely attached
 - c) bumper to extend minimum 2 inches beyond radius of tire
 - d) bumper and brace same strength as main bars

No cross bar behind point of hook

Not mounted to draw bar assembly

MUST BE ABLE TO SUPPORT WEIGHT OF TRACTOR

4. Rear Kill Switch/Cable required:
 - kill switch to break ignition circuit and electric fuel pump circuit
 - kill cable(diesel) to operate spring loaded air shut -off device
 - and electric fuel pump circuit

kill switch/cable located rear centre of tractor min. 3 1/2 ft above point of hook +or- 6 inches in any direction

kill switch /cable to have 2 inch diameter x 1/8th steel ring to attach sled to cable

5. Driver Control required:

Ignition engines, ignition and electric fuel pump kill switch within EASY reach of driver

Diesel engines, fuel and air shut-off control within EASY reach of driver

master ground kill switch recommended (optional)

6. Neutral or Park safety switch required:

Must interrupt starter circuit to prevent starting in gear

7. Reverse gear lamps required:

Tractor must have 2 white lamps that light when tractor is in reverse gear

1 lamp on dash visible to driver

2.

1 lamp mounted near the kill switch/cable at rear of tractor

8. Electric cooling fans only

9. Throttle to be positive mechanical linkage, 2-way Dead man type, closed in rear position. Foot throttle to have toe strap
-throttle to have 2 Return to idle springs
-diesel to have a visible return to idle spring on pump arm
10. Main fuel shut off valve required
11. NO nitro or nitrous oxide fuels. NO pressurized fuel tanks
12. Headers or stock exhaust, discharge vertical up SECURELY attached
13. Engines are subject to cube check. Checked engines to be sealed
14. Wide front axle only
15. Draw bar requires:
 - steel construction
 - 3 inch diameter Hole, maximum 1.5 inches from back of draw bar
 - securely attached. Solid in all directions
 - minimum 18 inches centre of axle to point of hook
 - maximum 20 inches top of draw bar to ground
 - 1 hole only– painted orange optional
16. Fenders required, construction such that no part of the driver's body may contact the tires, when hands are on the steering wheel

17. Shielding required: (minimums)

Engine:

-belts, pulleys, alternators 1 1/16 shield complete length of block from base of head to 2 inches below bottom centre of crank throw mounted independent of the block

-harmonic balancer 1/4 steel 360 degree bolt required to retain balancer on crankshaft (guard not required if SFI damper)

- All shielding securely fastened

Engine Transmission and Converter:

3.

-minimum 1/8 inch steel 360 degrees or approved blanket securely fastened to the frame

18. Weights:

-must not protrude beyond rear tire

-maintain clearance to hitching (12 inches above draw bar)

- To be securely fastened

* - LOSS OF WEIGHTS AT ANY TIME ON THE TRACK IS SUBJECT FOR DISQUALIFICATION unless due to breakage

19. Seat:

- strong and rigid seat
- minimum 6 inches back rest required

20. Tie Bars required between rear end housing and front frame to prevent splitting of tractor

21. All Modified and Pro- Stock Tractor Drivers Must wear:

- helmet
- fire suit
- Leather boots to above ankle or fire rated competition footwear-
- NO sandals or running shoes
- fire proof gloves

22. All tractors must have WORKING fire extinguisher mounted accessible to driver. Minimum 2.5 lb ACB or 1/5 lb Halon

S. E. M., Single Engine Modified

Class Weight 6500 lbs Subject to Guidelines in Section# 1

1. Engine:

- Gasoline engine up to 575 cu in. 6500 lbs
- All alcohol engines up to 575 cu in. 6500 lbs
- Normally aspirated only
- Cast iron or aluminum heads allowed
- head to take stock bolt pattern rocker cover (no Olds. or Pontiac)- any clutch and flywheel assembly mandatory to be steel or aluminum, with SFI bell housing or blanket or steel shield 3/8 in. thick x 360 degrees x 8 in wide

2. Chassis:

- Maximum 14 foot centre of rear axle to front, weights included
- Metal body parts optional (see general for fenders)
- Roll bars are mandatory and may be square or round tubing adequate to support tractor

Pro- Stock Class 7500 lbs

1. Engine:

- 1 engine only gas or alcohol max. 402 cu. in. 7500 lbs
- Diesel max 500 cu. in. 7500 lbs
- Gas or alcohol over 402 turbo 7500 lbs
- Diesel over 855cu. in turbo 9500 lbs

Note: GM diesel (2 Cycle) with stock GM blower in stock configuration qualifies as naturally aspirated
GM diesel must have exhaust air shut off

- No gas or alcohol in V- configuration
- If turbo not under hood, must be shielded 360 degrees 1 1/16 steel
- If turbo pressure pipe not under hood or side shield must be mechanically secured (in addition to hose clamps)
- turbo exhaust stack to have (2) cross bolts in vertical section (3/8 gr. 5 set 90 degrees to one another maximum 1 in. apart)
- Steel or aluminum clutch and fly allowed
- Steel shield 3/8 x 8in. To cover bell housing 360 degrees, two Piece allowed, securely fastened

- SFI type bell housing allowed. Approved blanket allowed

2. Chassis

- Tractor must retain metal body panels (hood, grill, fenders etc.)
- Composite grill allowed
- Tractor to maintain agricultural appearance and color scheme
- Mix and match engines, rear ends and sheet metal allowed
- Maximum wheelbase 114 inches
- Maximum length 13 ft from center of rear axle