



USPA Vehicle Inspection

Mark with an X if NOT acceptable



Driveline

Engine and engine mounting

- 1. Engine mounts-sling if necessary
- 2. Harmonic balancer (SFI certified)
- 3. Blower belt shielding below bottom of pulley
- 4. Centrifugal superchargers
- 5. Engine side shields
- 6. Additional 1/8" engine side shields for inline engines
- 7. Engine cooling fan
- 8. Couplers between motors-starter rings require shield
- 9. Turbine engines
 - a. Fuel control-governor
 - b. Intake screen
 - c. Safety shield-hot section
 - d. Exhaust tethers
- 10. Turbocharger(s) shielded properly
 - a. Spark plug shielding
- 11. Cross bolts on all turbocharger exhaust stacks
- 12. Engine cable for turbocharged engines
- 13. Blower restraint system
- 14. Rotating mass shield on front of engine
- 15. Master battery(s) disconnect switch

Clutch-transmission-driveshaft

- 1. Automotive type engines
 - a. Must have SFI approved flywheel, clutch and clutch can
 - b. Clutch and flywheel notarized statement
- 2. Industrial, marine and aircraft engines
 - a. If gear box is used-limited to 1.5:1
 - b. Must use SFI approved clutch, flywheel and clutch can
 - c. Block saver per current Rule Book
 - d. No torque converter behind gear box
 - e. All steel or aluminum components or ductile iron
- 4. Homemade bellhousing to be 3/8" steel within 1/2" of rotating mass. Closed on both ends. Maximum width of 15" SFI approved blanket also required around all homemade bellhousings.
- 5. SFI approved blanket required on all super stock, pro stock, limited pro stock and pro farm tractors
- 6. Steel or aluminum or magnesium flywheels are required in all classes. No cast wheels.
- 7. Turbine engines that exceed 8000 rpm output shaft speed cannot use clutch-flywheel or automatic transmission
- 8. Positive reverse gear lockout-closely check
- 9. All automatic transmission must use SFI approved scatter blanket
- 10. All driveshaft must be covered 360° with 5/16" steel or 3/8" aluminum full length including all couplers and U-joints, except FWD
- 11. FWD driveshaft must have 3 loops plus U-joints shrouds and driveshaft tethers
- 12. All driveline brakes require shield

Driver Protection

- 1. Fire extinguisher charged with gauge
 - a. Onboard fire extinguisher system
- 2. Sturdy seat with side rails and back
- 3. Fenders-must support driver's weight
- 4. FWD or TWD-no fuel tank in cab or under hood
- 5. Full face helmet required (Snell 2000 rating or SFI Spec 41.2)
- 6. Fire suit required with correct SFI rating for division entered
- 7. Neck collar
- 8. Fire gloves and shoes
- 9. SFI approved roll cage for class entered
- 10. Five point harness
- 11. Removable steering wheel
- 12. Truck divisions-seat belt

Emergency Shutdown Equipment

Throttle linkage

- 1. Good heavy cable or linkage
- 2. Deadman throttle
- 3. Toe strap if foot feed
- 4. Dual return to idle arms and springs (one on each side)
- 5. Check direction of throttle operation

Kill switch-fuel shutoff

- 1. To be within driver's reach
- 2. Check kill switch location-rear (2" solid ring, 1/8" diameter)
- 3. Check kill switch operation (for each engine)
- 4. Kill switch must stop electric fuel pump(s)
- 5. Diesel engines
 - a. Air shutoff
 - b. Return spring on injection pump
 - c. Driver (manual) valve compartment control
 - d. 3 way dump valve
- 6. Reverse 2" white safety light system with light in driver's compartment
- 7. Neutral start
- 8. Firewall-no hole larger 1/2" around a control

Frame and Chassis

- 1. Frame must be rigid to rear end
- 2. Safety tie bars
- 3. Check drivetrain component mounting
- 4. Wide front end on all vehicles
- 5. All vehicles rear wheel brakes except FWD front wheel brakes
- 6. Weights
 - a. Weight must be secured to vehicle (no tarp straps)
 - b. Check clearance between weights and tires
 - c. 200 lb. movable ballast-weights only
- 7. Bumper bars all FWD and TWD
- 8. Front axle skid plates (skies)

Hitch and Stabilizer Bars

- 1. Hitch and stabilizer bars to be independent
- 2. Hitch to be stationary in all directions
- 3. Check hitch construction
- 4. Stabilizer bars to support tractor weight
- 5. No trick hitches
- 6. Front tow hitch
- 7. 4WD trucks-wheels/rollers on front end

Date _____

Pull Location _____

Tech Inspector _____

____ Passed ____ Failed ____ Comments: _____

Tractor Description / Competitor's Name _____

Driver/Owner - I state to the best of my knowledge said pulling vehicle conforms to all USPA rules.

Print Name _____

Signature _____