

# SECTION XV

## Stock Semi Rules

**LEGALITY OF ENTRY** – All entries must be street licensed Semi Truck. The owner must furnish a current registration card for the vehicle at the time of registration and the driver must have a valid CDL license. Truck must be capable of pulling a trailer on the highway. All trucks must be driven to the pulls. All trucks running for points must pass “Super Tech” before any points will be allowed.

**SAFETY CONSIDERATIONS** – No riders permitted in truck during pull attempt. Driver may not leave the driver’s seat while vehicle is on the pulling track. Driver will take all direction from the flagman on the track.

**HITCHES** – Trucks that compete regularly are required to have their own hitching device that is subject to approval by the head tech official at each event or use NSPA hitch. This hitch must work from the 5<sup>th</sup> wheel centered between the two rear axles. The hitch must be adjustable so that the height from the ground to the point of hook is between 18” and 14” + or – 1”. The promoter will provide hitches at each event. The hitch will be measured immediately before the semi hooks to the sled.

**AIR BAGS** – The use of air bags is permitted. However, no air may be added to or removed from the air bags while the truck is hooked to the weight transfer machine. The height of the hitch must remain the same from the start to finish. Any change in the height will be cause for disqualification.

**WEIGHT OF TRUCK** – (20,000 lb. Maximum) the truck shall appear ‘road ready’. No added weight or ballast is permitted. Special trucks, such as oil field trucks that carry additional weight that is not normally found on a ‘road ready’ truck are not permitted in this class. The promoter may weigh any truck at any time. Trucks with triple (3) rear axles are not permitted to participate in this class.

### **SPECIAL RULES –**

1. Water injection in any form is not permitted.
2. Weight is 20,000 lbs. Fuel tank must be full when weighed.
3. No ether, alcohol, nitrous or other combustible (propellant) liquid or combustible material may be injected into the turbo charger or any other part of the air intake system.
4. Alteration/modification/replacement of the OEM original factory fuel pump is not permitted. No pump may be modified with SIGMA parts. No Billet fuel pumps.
5. A Cummins engine must have a Cummins fuel pump. A Detroit must have a Detroit fuel pump. A Cat must have a Cat fuel pump.
6. No Sigma pumps or MW pumps are permitted. Normal pump diesel is the only fuel permitted in this class.
7. Turbos are limited to single OEM. Turbocharger with an OEM 4.1-inch maximum inducer bore in the atmosphere turbo with OEM factory exhaust wheels. The bore will be measured using a

4.15-inch slug. Max width enhancement of 0.180-inch maximum is permitted which must be in the OEM location. No Billet wheels or any type of non-OEM housing permitted nor are design modifications to allow a larger wheel to be used in the turbo housing. Exception: A factory 2005, 2006, 2007, 2008, 2009, 2011 Cat twin turbo engine is permitted with the factory-installed non-altered turbos. Any semi competing more than two (2) times or running for points must have (two) 2 3/8-inch grade 5 bolts in the vertical portion of exhaust. Bolts must be installed 90 degrees to each other within one (1) inch of each other.

8. Center line of rear axle to hook point on the semi hitch must be no greater than 7 feet.
9. Drivers must use a seatbelt and/or shoulder harness when hooked to the sled.
10. Fifth-Wheel Position – Kingpin/Fifth Wheel plate position no further forward than the center of the front axle and no further back than center between the two axles.
11. There must be 66" from the center of the tandems to the first obstruction forward such as the back of the truck cab, toolbox, wet line, etc.
12. Tandem axle spacing must be between 60" and 52".