

### **3.0 Smooth Bore Diesel Truck Rules**

(All general rules apply)

8000 pound class

- DOT stock tires OK. No cut tires.
- Nitrous and propane prohibited. Any bottles must be unhooked and shown to an official.
- OEM chassis with OEM engine block. OEM chassis is mandatory. Engine must be in OEM location for body used.
- Wheel tubs, back half conversions, tube chassis, etc. are prohibited.
- Engine limited to stock-appearing.
- Open drive line allowed.
- Aftermarket torque converters, valve bodies, and internal components are permitted.
- Transmission brakes are prohibited.
- Open rear end allowed.
- Hanging weights permitted but no more than 60" from center line of front axle and must be securely fastened.
- Suspension blocks and traction bars permitted.
- Maximum of 26" hitch height. All height measurements will be done on the scales. Hook point must be no closer than 44" from the center line of the rear axle. Hitch point must be easily accessed. Hitch must be stationary in all directions. Hitch must be frame-mounted. Hitch must be mounted at the center line of the rear axle or behind. Hitch must not exceed a maximum of 25 degree angle from the pivot point to the hook point. 3.75" x 3" opening needed.
- Turbo size no larger than 3.0 Smooth Bore (this will be checked at the pull).
- Helmets and seat belts required.
- Fire extinguisher required (minimum size 2.5 pounds).
- Drive shaft loops mandatory. Loops on all drive lines must be round. All U-joints must be shielded 360 degrees with 5/16" thick steel. Shield must be minimum 6" in length and centered on U-joint. Inside diameter of shield must be no more than 2" larger than U-joint.
- Chips and programmers permitted.
- Aftermarket air filters and cold air intake systems permitted.
- All vehicles must have working safety shut-off switch with 2" diameter ring.
- If using hand throttle, the throttle must automatically return to closed position.
- Must have vertical exhaust.
- Harmonic balancer recommended for engines turning 4500 RPMs or higher.
- Maximum of one P7100 pump.