Diesel Equipment Technology

Purpose: To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of diesel equipment technology.

Testing: There will be a diesel general knowledge test.

Clothing: Acceptable work clothes. Leather work shoes (leather or canvas athletic shoes are **NOT** acceptable), safety glasses with side shields or goggles (prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles). No school names may be displayed on any apparel.

Contestants: 1 contestant from each school that has registered for this contest on the regional registration form

Tools to be provided by contestants:

2 #2 pencils (sharpened)
May bring own meter

Special Information:
Contestants will not be allowed to compete unless he/she has safety glasses and work shoes.

9-10 of the 13 skill stations listed below will be used in the competition:

1.Fluid Power/Mechanics
2.Drive train
3.DDE station Tune-up, assembly, precision inst.
4.Cummins station Tune-up, assembly, precision inst.
5.Job interview skills
6.Trailer PM/defect
7.Brakes/wheel end/ABS
8.Live tractor troubleshooting
9.Tire wear/failure analysis
10.Small tasks Assemble Aero-Quip hose, drill/tap, soldering, flaring, etc.
11.Electrical
12.Air conditioning
13.Electronic engine management systems

Scope of the Contest
The contest will be judged based on the criteria established in the 2010 SkillsUSA Championships Technical Standards.