

**Franklin County CTC  
District V Competition  
February 15, 2010**

**Contest: Diesel Technology**

**Contest Chairperson:** Kevin Grove

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**Each Contestant is Required to Submit a Resume**

**Scope of the Contest:**

Contestants will demonstrate their ability to perform jobs and skills in the following:

1. Drive Train Servicing
2. Troubleshoot fault code(s) in electronic engine control System
3. Checking and measuring general engine specifications
4. General knowledge of engine components
5. Read wiring schematics and troubleshoot an engine wiring harness.

**Equipment /Tools/Materials Provided by Host School:**

Cat ET software  
Cummins Insite software  
Digital Volt Ohm Meter  
Hand Tools  
Shop Rags  
Power Tools  
Cummins QSB4.5  
Cummins 4BT3.9C  
Cat 3406E  
Cat Engine wiring harness

**Equipment /Tools/Materials provided by the Contestant:**

Contestants are welcome to bring their own tools but not required, tools will be inspected by the judges prior to the start of the competition.

**Clothing /Safety Requirements:**

OSHA- approved Safety Glasses

Steel-toed leather work boots

Dickies type professional work uniform (no denim). Pants must be tightened around the waist and shirts cannot have writing and/or graphics.

**No cell phones or two way radios are permitted. If a contestant is found to have either in their possession he/she will be disqualified.**