

2010 TENNESSEE TECHNICIAN SKILLS COMPETITION



Sponsored by the
Maintenance Council

April 16, 2010

James E. Ward Agricultural & Community Center

GENERAL INFORMATION

TTA's Technician Skills Competition is an annual event designed to measure thorough knowledge of medium and heavy duty commercial vehicles, including both theory and practical application. The contest consists of a written test and hands-on testing. All tools, manuals and equipment necessary are provided.

GENERAL RULES

- Competition is open to any actively employed commercial vehicle technician.
- All competitors must be employed in Tennessee.
- Companies are limited to 4 competitors entered in the competition.
- All competitors must register on the enclosed forms by **March 27, 2010**.
- TSC registration will close after the first 36 entries are received.

SAFETY INFORMATION

- All competitors must wear appropriate long pants and work shoes meeting accepted safety standards. All other safety-related items will be provided.
- Safety glasses with side shields (provided) must be worn at all times during the hands-on skills challenge.
- Standard shop safety procedures must be followed at all times.
- All spills must be cleaned up immediately.
- Any accident or injury must be reported to the section judge.

COMPETITION DATE: APRIL 16, 2010

Registration and Orientation begins at 7:00 AM. See Schedule of Events on the reverse side.

COMPETITION LOCATION: JAMES E. WARD AGRICULTURAL & COMMUNITY CENTER

945 Baddour Parkway, Lebanon, TN 37089. Directions: I-40 East to exit 239B, right onto Hwy 70 Bypass OR I-40 West to exit 239, approximately 3/4 mile to Ag Center main entrance. Go to Turner Bldg on the right.

TTA has reserved a block of rooms at the **Econo Lodge** (formerly Comfort Inn). The TTA rate is \$44.95. For reservations, call the hotel at 615-444-1001 by March 16, 2010. (I-40 Exit 238, next to Taco Bell and Waffle House)

ENTRY FEE: \$100.00 FOR MEMBERS / \$200 FOR NON MEMBERS (Lunch provided with each registration)

Deadline to Enter March 27, 2010. No refunds after April 10, 2010.

Send to: TTA, 4531 Trousdale Drive, Nashville, TN 37204. FAX 615-777-2024

SCHEDULE OF EVENTS

Friday, April 16

Group 1 *

7:00—7:30 AM	Registration
7:30—7:55 AM	Skill Station 1
7:55—8:20 AM	Skill Station 2
8:20—8:45 AM	Skill Station 3
8:45—9:10 AM	Skill Station 4
9:10—9:35 AM	Skill Station 5
9:35—10:00 AM	Skill Station 6
10:00—10:25 AM	Skill Station 7
10:25—10:50 AM	Skill Station 8
11:00—12:00 PM	Lunch
12:00—3:20 PM	Written Test
4:00 PM	Awards

Group 2 *

7:00—7:30 AM	Registration
7:30—10:50 AM	Written Test
11:00 —12:00 PM	Lunch
12:00—12:25 PM	Session 1
12:25—12:50 PM	Session 2
12:50— 1:15 PM	Session 3
1:15—1:40 PM	Session 4
1:40—2:05 PM	Session 5
2:05—2:30 PM	Session 6
2:30—2:55 PM	Session 7
2:55—3:20 PM	Session 8
4:00 PM	Awards

* Contestants will be split into two groups at Orientation.

Hands on area will be closed from 11:50 AM-12:30 PM for lunch. No contestants allowed in the contest area during this time. Lunch will be catered on site.



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SCORING

Judges scores will reflect an assessment of technical skills and knowledge, accuracy, and quality of workmanship. Scoring of each individual workstation will be based on 100 points and count for 10 percent of the final competition score. Judges will consist of recognized experts within each competition category.

SKILL STATION GUIDELINES

Contestants will have 15 minutes at each station and 10 minutes between sessions to move to the next station and receive orientation on that task.

1. Electrical: Troubleshoot, service and repair of electrical systems including charging, lighting and cranking systems.
2. Brakes: Troubleshoot, service and repair of brake systems.
3. HVAC: Troubleshoot, service and repair air conditioning and heating systems and all other components dealing with the operator's environment.
4. Engine: Troubleshoot, service and repair engine induction, fuel and exhaust systems.
5. Steering and Suspension: Troubleshoot, service and repair steering and suspension systems.
6. Preventive Maintenance Inspection (PMI): Demonstrate ability to perform preventive maintenance check procedures.
7. Drive Train: Troubleshoot, service and repair drive train units including transmission, clutch, carriers, torque converters and driveline.
8. Service Information: Demonstrate ability to retrieve service information from current accepted industry sources.
9. Written Test; ASE-based testing

Communication between contestants and spectators outside of the immediate skills station area is prohibited. Spectators are to be in viewing area outside of the skill station. Only authorized individuals may enter individual skill station.

CONTESTANTS WITH SPECIAL NEEDS

Every effort will be made to accommodate contestants with special needs. These needs must be identified on the contest registration form prior to competition.

AWARDS

Prizes will be awarded for the top score in each category including the written test, as well as a Grand Champion.

2010 Tennessee Technician Skills Competition Entry and Release Form



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SEND ENTRY FORM AND PAYMENT TO:

Tennessee Trucking Association, 4531 Trousdale Drive, Nashville, TN 37204 or FAX to 615-777-2024

REGISTRATION INFORMATION

Contestant's Name _____

Company Name _____ Contact _____

Address _____

City _____ State _____ Zip _____

Telephone _____ E-mail _____

ORDER INFORMATION Each **contestant** receives one (1) lunch with his/her entry.

Number of contestants entered (TTA Member Company)	_____ x \$100.00 each	=	\$ _____
Number of contestants entered (TTA Non Member Company)	_____ x \$200.00 each	=	\$ _____
Number of additional lunches for non-contestants	_____ x \$10.00 each	=	\$ _____
Total Amount Due			\$ _____

PAYMENT INFORMATION

Check enclosed. Please charge my: Visa MasterCard AMEX

Card # _____ Expiration Date _____

Name on Card _____ Signature _____

AGREEMENT AND RELEASE

In consideration of being permitted to participate in the TTA Technician Skills Competition and be eligible for awards offered, participants hereby stipulate and agree to the following:

- Contestant acknowledges that he or she is not in the employ of Tennessee Trucking Association (TTA).
- Both as to himself or herself and his or her heirs and personal representatives, Contestant releases TTA, its directors, employees, agents and/or any of its affiliates from any and all liability and any right of action that may arise from any damage or injury which may be received while attending or participating in said "Technician Skills Contest".
- Contestant grants TTA and its designated agencies exclusive rights to make use of information about himself or herself, along with photographs subsequently taken under direction, in publicity and advertising activities. Contestant further agrees to make himself or herself available for publicity enterprises arranged by TTA, with newspaper/magazine/media writers and radio and television personnel.
- Contestant will be bound by all orders, rules and regulations governing "TTA Technician Skills Contest" while participating in said competition.

Signature _____ Date _____