

2018 Wisconsin Truck Tech Competition

May 18th and 19th 2018

Description of hands on stations



TRUDELL Trailer Station Description - will judge the trailer test station at the 2018 Wisconsin Truck Tech Competition be prepared to identify faults in the following categories: Safety – Trailer Body – Electrical – Mechanical & Air Systems.

Fox Valley Tech Electrical Station Description - Technicians will need to demonstrate competence using a digital volt ohm meter (DVOM) to test various electrical circuits and components. A Fluke DVOM will be supplied or you may use your DVOM. The electrical station will include written and hands-on assessments.

Michelin Tire Station Description - Testing the contestants knowledge of scrap tire analysis with hands on analysis of 10 scrap tire cuts. Additionally, a 15-question written test will cover tire basics and alignment fundamentals.

Meritor Brake Station Description - The Foundation Brake Station will be a brief multiple choice written test of basic Cam Brake fundamental knowledge. That will be followed by a hands on activity that will challenge the tech on proper ASA setup. Measurement of Free Stroke and Applied Stroke on different types of ASA's will test the technicians skills.

Stemco Station Description - Technicians will need to show an aptitude for identifying component failure analysis, reusable or replacement parts, proper tooling and installation procedures. At the wheel end station tooling will be provided to complete the assigned tasks along with a written test.

Bendix Brake Station Description - Technicians will need to complete a hands-on air disc brake inspection. All tools supplied at the table for the inspection. This station will include a written and hands-on assessment.

Hunter Alignment Station Description – Proper alignment set up and troubleshooting alignment related issues. Station will include a written exam.

Wisconsin Kenworth Paccar Station Description - Technicians will be asked to read, interpret and diagnosis a multiple fault code complaint.

Wisconsin Kenworth CNG Station Description - Technicians will be tasked with working through a cylinder misfire complaint.

Palfinger Liftgate Station Description – Testing proper operation of a lift gate and troubleshoot faults and bugs. Pre-work before station info was sent to techs to study.

Kriete Truck Center Volvo Station Description – General vehicle inspection of a Volvo Tractor. Your mission will be to note normal maintenance items that are out of spec as well as troubleshoot additional electronic bugs. Technicians will find and note the maintenance items requiring repair and to troubleshoot the electronic issues we have induced.

Detroit Diesel Station Description – Station will consist of using Detroit Diesel Diagnostic link to look up the information being asked by the station judge.

Freightliner Chassis Station Description – Station will be troubleshooting Freightliner related chassis complaints.