

TRAINING OPPORTUNITY

Are your service technicians...

- ! Removing a tire to service the truck?
- ! Unaware of the safety & inspection needs of wheel service?
- ! Not in compliance with basic tire service training?

If you answered YES to any of these questions, you need to send your technician to our next seminar. This one-day class, "**Basic Commercial Tire Service**" provides training for new hires and experienced technicians how to mount a wheel using the latest guidelines in wheel safety and mounting procedures. If you contract your wheel mounting services, be sure to find out if they're certified!

WHEN November 4, 2021, 8 a.m. to 4 p.m. Lunch is on your own.

WHERE Maine Motor Transport Association
142 Whitten Road in Augusta

COST \$140 per seat for MMTA members or \$180 per seat for non-members

WHO This class is open to the public. Learn more and register at www.mmta.com/bcts

Only 20 seats available so register today!



In partnership with



142 Whitten Road
Augusta, ME 04332
(207) 623-4128
www.mmta.com

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OSHA SKILLS DEMONSTRATION FORM

Complete this Form for each individual taking the TIA Basic Commercial Tire Service Final Exam. This Form, along with the completed answer sheet, must be returned to TIA in the envelope provided in order to receive a certificate.

In accordance with Occupational Safety and Health Administration (OSHA) Regulation 1910.177 (c)(2), "The employer shall assure that each employee demonstrates and maintains the ability to service rim wheels safely." ***TIA's Basic Commercial Tire Service Training Program*** is designed to assist employers in meeting OSHA Standards for training and evaluation. In order to accomplish this goal, each employee must demonstrate the ability to perform the tasks outlined by 1910.177.

Employee Name (please print) _____ has demonstrated and maintained the ability to perform the following tasks in accordance with OSHA Regulation 1910.177 (c)(2).

DATE	INITIALS	SKILL DEMONSTRATED
_____	_____	Demounting of tires (including deflation)
_____	_____	Use of the restraining device or barrier, and other equipment required by 1910.177
_____	_____	Inspection and identification of wheel components
_____	_____	Handling of rim wheels
_____	_____	Inflation of the tire when a single piece rim wheel is mounted on a vehicle
_____	_____	Mounting of tires (including inflation with a restraining device or other safeguard required by 1910.177)
_____	_____	Installation and removal of rim wheels
_____	_____	An understanding of the necessity of standing outside the trajectory both during inflation of the tire and during inspection of the rim wheel following inflation

I _____ as a representative of _____, do hereby testify that the above individual has demonstrated and maintained the ability to perform the tasks outlined by OSHA Standard 1910.177.

Signature _____ Date _____

Tire Industry Association
1532 Pointer Ridge Place, Suite G
Bowie, MD 20716-1883

BASIC COMMERCIAL TIRE SERVICE

Companies that wish to provide OSHA compliance training for new hires and experienced technicians using an in-house program without certification can participate in the **Basic CTS Program** (200 Level). This is an 8-hour video/workbook training program that can be conducted by a company-designated instructor. The instructor uses the TIA's Instructor Guide to lead the class through the videos and Student Workbooks that use lesson plans and module quizzes.

Following the training, the students complete a 50-question Final Exam. The last page of the Student Workbook contains the OSHA Skills Demonstration Form, which must be sent into TIA with the Final Exam answer sheet. Those who successfully pass earn a **TIA Certificate of Completion**.

These are the 12 Modules that make up the **Basic CTS Program**.

Module 1: Safety. Includes Personal Protective Equipment, lifting safety, and other topics like heat stroke and frostbite prevention.

Module 2: Basic Tire Info. Addresses tire construction, sizing and nomenclature, inflation pressure, tread design and compound for different applications, speed rating and all special service ratings and identification.

Module 3: Rims and Wheels. Outlines the difference between rims and wheels including the nomenclature for both assemblies. It will also identify and address the different type of hub and drum assemblies for commercial vehicles.

Module 4: OSHA Regulations. The video will include the script of the OSHA Regulation 29 CFR 1910.177 with images supporting the wording. The Manual will also include the OSHA Demount/Mount and Rim Matching Charts.

Module 5: Jacking and Lifting. Outlines procedures for properly jacking, lifting and supporting trucks, tractors and trailers. It will focus on jack and jack stand identification and operation as well as the proper position of each when lifting one, two, or three axles

Module 6: Torque. Defines the relationship between torque and clamping force when installing wheels and rims. This in-depth look at how tightening a fastener creates the force that holds the assemblies to the vehicles will help technicians understand the importance of the RIST procedure (Remove debris, Inspect components, Snug in a star, Torque to spec).

Module 7: Wheel End Safety. Addresses wheel end fires, commercial vehicle inspection, wheel-off prevention, and wheel end maintenance.

Module 8: Hub-Pilot Wheels. Puts the basic principles of the previous two modules to work with hub-pilot wheel removal as well as the inspection and installation guidelines that accompany the RIST procedure.

Module 9: Stud-Pilot Wheels. Focuses on stud-pilot wheel removal as well as the inspection and installation guidelines that accompany the RIST procedures.

Module 10: Demountable Rims. Addresses demountable rim removal as well as the inspection and installation guidelines that accompany the RIST procedures.

Module 11: Single-Piece. Dedicated to single-piece demount, mount and inflation procedures with an increased emphasis on disc wheel inspection, valve stem installation (including torque) and concentric bead seating techniques.

Module 12: Multi-Piece. Covers the basics for demounting, mounting and inflating two-piece and three-piece multi-piece assemblies.



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TIRE SAFETY STARTS HERE.