



TIRE INDUSTRY ASSOCIATION

# Virtual Basic CTS OSHA Compliance Training



**This exciting new training offering uses video conference technology to conduct the Basic 200-Level Commercial Tire Service (CTS) program with a TIA staff instructor in English and Spanish.**

**Live training, via Zoom, is combined with videos and images from the Basic CTS program to create a virtual environment where a TIA staff instructor leads the discussion and is available to answer any questions.**

Virtual Basic CTS is a two-part class, each one three hours in length. Part 1 covers Modules 1-5 and Part 2 covers Modules 6-12. The classes run 10:00 a.m.-1:00 p.m. and 2:00 p.m. -5:00 p.m. Eastern Time.

## 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.

### 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 Service

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 Service

Covers the basics for demounting, mounting and inflating two-piece and three-piece multi-piece assemblies.



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[www.tireindustry.org/training](http://www.tireindustry.org/training)

# TIA 2020 VIRTUAL BASIC CTS REGISTRATION FORM



Please complete and return this registration form for each location that will be viewing the training. TIA will use the registered email address to send one link for the specified course. We also need to know how many students will be attending so we can ship the Basic CTS Workbooks and Exams. The link is not shareable, so **only one computer can be used to view the class by your technicians.** There can be as many students in a "class" as you want, but they must all view it at the same time, in the same room.

## WAYS TO REGISTER

### MAIL

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

### PHONE

301.430.7280  
800.876.8372

### FAX

301.430.7283

### EMAIL

training@tireindustry.org

### WEBSITE

www.tireindustry.org  
*Click on Training*

## REGISTRATION INFO (TIA will ship Workbooks/Exams to this address)

Company \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Country (if other than U.S.) \_\_\_\_\_  
Phone \_\_\_\_\_ E-mail \_\_\_\_\_

## DATES

- Tues., Dec. 15 – Spanish** (10-1 and 2-5 EST)
- Wed., Dec. 16 – English** (10-1 and 2-5 EST)
- Thurs., Dec. 17 – Spanish** (10-1 and 2-5 EST)

## ACCESS LINK

Please list the Email Address you want the Zoom link sent to for the Virtual Basic CTS Course:

MEMBER EMAIL \_\_\_\_\_ x \$50 = \$50

NON-MEMBER EMAIL \_\_\_\_\_ x \$100 = \$100

*(Each link can only be used on one computer and is not shareable. All students must view the course in the same room, at the same time.)*

## STUDENTS

How many Students do you want to register?

MEMBERS \_\_\_\_\_ x \$35 = \_\_\_\_\_ + \$50 (access link above) = Total due \$ \_\_\_\_\_

NON-MEMBERS \_\_\_\_\_ x \$65 = \_\_\_\_\_ + \$100 (access link above) = Total due \$ \_\_\_\_\_

*(TIA will ship Workbooks and Exams for each student to the address listed above on this form)*

## V. METHOD OF PAYMENT

Check (Make payable to TIA)       Invoice me. My company's PO authorization number for this transaction is \_\_\_\_\_

VISA       MasterCard       AMEX

Credit Card Number \_\_\_\_\_ Expiration Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Card Holder Name (please print) \_\_\_\_\_ Card Holder Signature \_\_\_\_\_

**TIA USE ONLY**

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