
07-30 and 07-31 2025 2025 Cargo Tank Motor Vehicle Inspection Training: Visual Inspection and Leakage Test (VK).

- 2 Days - virtual delivery of content on V & K
 - Day 1 classroom - Day 2 virtual hands-on virtual inspection
 - \$575.00 (1 attendee) - \$475 per person (2 attendees) - \$375.00 per person (3 attendees or more)
 - Instructor-led by DOT Registered Inspector Mike DiGiorgio
 - Certificate of Completion issued
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LOCATION - This event is entirely virtual. All participants will participate virtually. There is no physical or 'on-site' component to the offering. If an on-site event is of interest, please contact us at info@propaneandoiltraining.com.

Day one is in the classroom. Day two is the actual inspection of a cargo

NOTE - we are having a formatting issue with the spacing that follows - sorry for the

unnneeded white space tank that will be completed virtually. The instructor will join the inspection virtually through the use of streaming video using smartphones or tablets. The instructor will observe and coach the inspection virtually. **On day two, everyone will need a cargo tank to inspect even if it is not due for inspection. Attendees must have a cargo tank to show that they can perform the inspection. This is on the job training. We will use one cargo tank for the actual inspection so that everyone can follow through the inspection with the instructor.**

THIS DOC - You can see the full original Google Doc of this document at this link
https://docs.google.com/document/d/1aB5XMY1S_ycpfLXu7xE_13pDpvzdb

VIRTUAL HANDS ON CARGO TANK INSPECTION TRAINING

2 days

**Propane Bobtails
& Heating Oil
Trucks**

Instructor - Mike DiGiorgio

U.S.D.O.T. Registered
Inspector, instructing

- Classroom and Inspection
- Live, interactive, instructor-led
- Entirely virtual
- Streamed to all your devices
- Get it done on July 30 and 31 2025

info@propaneandoiltraining.com



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This training gives the student a Day One Classroom session as well as the Day TWO instruction and practical experience on an actual cargo tank inspection session.

SUMMARY

WHO SHOULD TAKE THIS COURSE - the training is designed to facilitate in-house inspections to make sure that the inspections are completed properly. Additionally, completing inspections in-house equates to huge savings for the company by avoiding reliance on outside vendors to complete the inspection. Certain situations necessitate expediting inspection; i.e., the truck is needed badly to make critical deliveries and a delay in the completion of the inspection needs to be avoided, especially if the inspection is overdue. There is a cost saving depending on factors like the number of cargo tanks and the necessary equipment. In-house inspections may be far more cost-effective than outsourcing.

Material in this class includes content from Federal DOT and their perspective on safe loading and unloading of the CTMV.

Petroleum drivers - oil and gasoline - will benefit from this session as well as propane retailers.



Mike DiGiorgio talks about
June 24-25 2025 training on
propane cargo tanks

recorded 06-07-25

4-MINUTE VIDEO - See our 4-minute video with Mike DiGiorgio talking about this coming class.

<https://drive.google.com/file/d/1BSb7LPFt0XOzNH5zyEXty-uof0FwFPzc/view?usp=sharing>

REGISTER - Email us at info@propaneandoiltraining.com

to register or use the registration form at

<https://docs.google.com/forms/d/e/1FAIpQLSfK68qAG7HKMgy2kEoOGGXyIduqbeJ813yHhcjMadq8Ng8xXA/viewform?usp=header>

We will invoice you only when we have your registration information together.

CERTIFICATE - We will provide a Certificate of Completion to anyone completing this class. It will be sent to the email address of the person who registers attendees for this class. Certs will be sent as PDF documents.

CONTENT - Cargo Tank Testing and Inspection Workshops covers the regulations and requirements for testing and inspecting propane cargo tanks, including the visual inspection and leakage test - aka the "VK". We will discuss pressure tests and internal inspections. The "PI" or "P&I" (Pressure and Internal Visual Inspection) is a separate class. These workshops are designed to help cargo tank repair technicians, testers, and inspectors comply with DOT regulations (49 CFR Parts 107 and 180).

COURSE CONTENT

- Overview of 49 CFR Part 107 & Part 180, 49 CFR Part 172.704
- Qualifications of Registered Inspectors, Design Certifying Engineers

& Authorized Inspectors

- Special test and inspection conditions
 - Confined Space Entry Training REQUIRED FOR THE PI - NOT VK
 - Pressure tests overview only. Not required for VK
 - Leakage tests
 - Internal Visual Inspection overview only. Not required for VK
 - Magnetic Particle Inspection (MPI) overview only. Not required for VK
 - Thickness tests: Check Depths of Pits and Corrosion
 - Lining inspections overview - Not required for VK
 - DOT Interpretations
 - Compliance dates including proper tank markings
 - Recordkeeping requirements
 - Cargo tank repair and retrofitting
 - Compliance and enforcement issues
 - Registration procedures for test and inspection facilities application
 - Completing the inspection report
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WHAT YOU WILL NEED FOR THIS CLASS

We recommend shopping online for the test equipment or obtaining the required equipment from your propane equipment supplier.

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- THIS CLASS: Thickness Tester (Mike uses the NDT International Thickness Tester). This is not mandatory, however, it is much more

accurate than just using a pit gauge. Using the pit gauge is a qualitative test relying on the experience of the tester and the tester's perceptions and opinions. i.e., a sniff test. Using a thickness tester is a quantitative test that requires precise measuring instruments.

- THIS CLASS: Pit Gauge - we recommend Gal gauges
- THIS CLASS: Combustible Gas Detector
- THIS CLASS: Propane Cargo Tank to Inspect. **NOTE:** The cargo tank does not have to be due for inspection; participants need a cargo tank motor vehicle for the hands-on portion of the class.

- THIS CLASS:

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- DAY 1: A web-connected tablet, laptop, desktop or TV with camera and microphone. Participants may certainly use their individual devices but it is common for groups to participate with one web-enabled device, such as a smart TV with microphone and camera for classroom sessions.

SMARTPHONES MUST NOT BE USED TO FOLLOW THROUGH THE CLASSROOM TRAINING.

- DAY 2: For each cargo tank to be inspected, we need one person to be responsible for streaming the video of the inspection for that CTMV via Zoom. For instance, if a company has 5 participants at a location, only one will need to stream the inspection to Zoom. A web-connected tablet, laptop, or phone with camera and microphone allowing for streaming of the virtual inspection of your CTMV
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FYI - The highlighted GREEN is for **Pressure Test & Internal Visual Inspection** (PI) CLASSES ONLY (**NOT THIS CLASS**) - [We have a PI class on the calendar - Ask Us.](#)

- PI ONLY - Magnetic Particle Tester - note this is required only for the PI class
 - PI ONLY - A source of water to completely fill the cargo tank.
 - Filling with water serves two purposes;
 1. The pressure test is a hydro test which is why the cargo tank is filled with water.
 2. By filling with water we are purging the cargo tank of all flammable gas. i.e. The relief valves are removed during the filling process allowing water to push out residual flammable vapors. After the CT is full, you will plug the relief valve openings.
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Note that the textbook will include info on PI.

Following this procedure, you will pressurize the cargo tank with compressed air to perform the pressure test while checking for leaks. After the test is completed, you will need a place to drain the cargo tank in preparation for the internal inspection and magnetic particle test.

This should cover the preliminary requirements, all of which will be covered in detail during class. The PI procedures are in the textbook that

we will provide, however, this class is not for pressure test and internal inspection - aka "P&I". This class will provide attendees a clear understanding of what to expect in our P&I class.

COSTS - Cost For The Class

One Day In the Classroom and second day inspection session (live). Two days for

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- a. \$575.00 (1 attendee)
 - b. \$475 per person (2 attendees)
 - c. \$375.00 per person (3 attendees or more)
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TIMES - Class will begin at 8 AM EST, end at 430 PM EST WITH A HALF HOUR FOR LUNCH. Note that the length of the class depends on the knowledge and expertise of attendees. Those new to cargo tanks may take longer than seasoned veterans.

BOOK - We will send registrants the material for student use in advance of the class start. We will send a link for registrants to use to download and have ready for class.

NOTE that when you try that link, Google may send us a notice asking us to grant your access to the file. If you are prompted about access we will grant access right away and you will see an email telling you the link is open to you at the email you were using at the time.

EMAILS - Those purchasing this class can expect one or more emails from Mike DiGiorgio or Shane Sweet with details about the class.

FULL TEXT - Note that this text description as shown on the propaneandoiltraining.com "Store" product description for this class may have been truncated due to site space limitations. If you are reading the PDF of this text, which would have been sent to those purchasing the class in the store, or the Google Document version, which we would have shared with you, both are the full length version of this summary.

MINIMUM Students - There is no minimum student registration: the class may run regardless of how many students sign up. However, if class registrations total less than 6 (six) persons, we will notify registrants and provide price options for the class to move ahead.

PAYMENT - The store accepts Credit cards or PayPal. The "offline payment" or "manual payment" essentially means you will pay by check or other means after you register via the store and before the class. If you have any problems with paying by card, use the offline payment option and we will invoice your company. We have had reports of customers having issues with American Express for some reason. Your payment will be processed via PayPal or "Wix Payments" and will appear as Shane Sweet or Shane Sweet LLC on your card statement

TESTING - Exam at the end of the class will be overseen by Mike. There will be a final exam that will be checked after the exam.

PERC ACCOUNT - A PERC training account is NOT REQUIRED FOR THIS CLASS

QUESTIONS - If you have questions about this class please email

Thanks for your interest in this Instructor-Led, live, online interactive class.
Feel free to contact Shane or Mike at any time.

info@propaneandoiltraining.com - cell-text 802-558-6101.
