



International Finishing Trades Institute (iFTI)

FTI 1187C Permit Required Confined Space Entry (CERTIFICATION)

Course Information

Course Hours: 24

Course Description: This 24-hour training is specifically designed to meet the needs of IUPAT members in their trades. Through this functional and interactive training, students will develop skills and knowledge to recognize the hazards and implement permit-required (permitted) confined space hazard controls. Students will also learn the skills to enter permit-required confined spaces and perform confined space non-entry rescue. *This course does not constitute the requirements for OSHA Course #2260 Permit-Required Confined Space Entry.

Course Objectives:

Module 1

- Explain the broad goals of this course.
- Describe what this course will enable you to do.
- Clearly list what this course does not prepare you to do.
- State two things that could go wrong during confined space work.

Module 2

- Define a confined space.
- List two categories of confined spaces and give examples of each.
- List two factors that lead to fatal injuries in confined spaces.
- List four traits of a permit-required confined space.
- Explain the employers' responsibilities under OSHA 1926 Subpart AA Confined Spaces in Construction.

Module 3

- List the components of a permit-required confined space entry program.
- Explain the purposes of an entry permit.
- List at least 5 of the 15 required elements of an entry permit.

Module 4

- Define what a "property" is and differentiate between a physical and chemical property.
- List and describe at least 6 physical and chemical properties of hazardous materials and explain why knowing this can help to keep you safe during permitted confined space work.
- Use the NIOSH Pocket guide to find a materials physical and chemical properties and health effects caused by exposure.

Module 5

- List at least three different hazard categories encountered in CS work.
- State the hazard category that is responsible for the most CS fatalities.
- Explain how hazards find their way into a CS.
- List typical hazards associated with IUPAT member permit required CS work.

- Explain where workers can find information about hazards that are specific to their CS work.

Module 6

- Describe injuries that may result from falls.
- State the fall protection height requirements for commercial and residential work.
- Name at least three warning signs or clues that a fall hazard exists.
- List at least five fall hazards that you may find during your work or in confined spaces.
- Discuss at least three methods of protection for fall hazards.

Module 7

- State why air monitoring for CS work is important.
- List four units used to quantify chemical concentrations.
- Describe the three-required pre-entry atmospheric tests in their proper order and how sampling must be conducted.
- Describe when continuous monitoring is necessary.
- Relate what readings of different air monitors mean to your health and safety.

Module 8

- Define hazard communication and GHS.
- List three rights the hazard communication standard (HCS) provides workers.
- List two hazardous classifications of chemicals that pertain to permitted CS work.
- Use three sources to find information on chemicals you use and determine appropriate hazard controls.
- Describe why HAZCOM is important in permitted CS work.

Module 9

- Define the “hierarchy of controls”.
- List and describe at least three main categories of hazard controls.
- Explain the CS ventilation process.
- Identify the four categories of hazardous energy and the means for controlling each.

Module 10

- Use the OSHA respirator standard.
- Give three reasons for using respirators.
- List the two main types of respirators and explain how they work.
- State limitations for various respirators.
- List three considerations when choosing a respirator.
- Name two reasons for poor respirator fit.
- Explain the importance of a respirator program.

Module 11

- Describe the 4 main levels of PPE.
- Explain differences in chemical protective clothing.
- Explain permeation, degradation, penetration and breakthrough.
- List safety hazards of wearing PPE.
- Choose the right PPE given specific confined space exposures.

Module 12

- Name the different roles for workers that are involved in permitted confined space work.
- List the duties of entrants, attendants, supervisors and rescue personnel in permitted confined space work.
- Describe the training workers need to perform for each of the roles.

Module 13

- Define “non-entry” rescue and state the reason it is the preferred method of rescue.
- Identify the equipment required when an employer’s emergency procedures provides for non-entry rescue.
- State the requirements an employer must implement if it has its own in-house rescue team.
- List the abilities and resources an off-site rescue service must have to be eligible to perform confined space rescues.

Module 14

- Two painters have to scrape and sand-blast the W beams under the ride tank.
- After they have completed scraping and sand blasting the support beams for the tank they must apply epoxy paint to the beams.
- In the past the employer has turned the area under the tank into an enclosed storage area.
- The approximate size of the area is 16x30 feet.
- The area has one entrance through a standard 2-8 door.

Prerequisite/s: None

Instructor



Course Lead: Bernard Mizula

Resume Link: <https://iftilms.org/faculty/bernard-mizula/>

Policies and Procedures

COE Accreditation

The International Finishing Trades Institute (iFTI) is [accredited](#) by the Commission of the Council on Occupational Education ([COE](#)) and is entitled to the recognition and associated privileges of this designation. Accreditation is a status granted to an educational institution or program that has been found to meet or exceed stated criteria of educational quality and student achievement. Accreditation by COE is viewed as a nationally-honored seal of excellence for occupational education institutions and denotes honesty and integrity.



iFTI Course Catalog

For a complete list of iFTI course offerings, please refer to the [iFTI Course Catalog](#).

Diversity Statement

The iFTI champions [diversity in the workplace](#) and committed in building an inclusive culture. We believe that every person, regardless of attributes such as race, gender or sexual orientation, has an equal opportunity to find employment based on merit or while in training or the workplace. Although our union is more diverse than ever, we still have so much work to do.

Policies and Procedures

The campus policies and procedures are found in the [Student Handbook](#).

Travel and Lodging Reservations

Upon the receipt of the final class registration confirmation and course schedule, you will be advised to call Metropolitan Travel Service to obtain the best coach fare ticket. No air travel costs will be reimbursed if not made through Metropolitan Travel.

If you will be driving to the event, send your anticipated arrival and departure dates and times, so appropriate hotel reservations can be made. Hotel reservations will be made on your behalf after the iFTI receives your final travel itinerary.

Travel and lodging reservations will be direct billed to the iFTI. If regionally appropriate for you to drive your vehicle, the iFTI will reimburse mileage at \$.30/mile (not to exceed the lowest 30-day advance airfare, or the shortest route as determined by Google Maps). iFTI is not financially responsible for any costs associated with travel, lodging, meals or incidentals for accompanying guest(s).

In the event you must cancel, the iFTI and Metropolitan Travel Service must be notified within 7 days of the travel date or the District Council/Local Union will be responsible for any cancellation fees.

Dress Code

The dress code for iFTI classes in Hanover, Maryland is casual. Clothing should be neat, clean, and well-kept. Please no shorts, flip flops, sleeveless shirts, worn tennis shoes, sweatpants, sweatshirts, jeans with holes, rips, tears or any clothing that contains inappropriate language or that could be offensive. If you will be delivering a presentation / teach back, please dress in a professional manner.

Please call the iFTI at 410.564.5850 with any questions or concerns.