

# STATE OF CONNECTICUT

## DEPARTMENT OF CONSUMER PROTECTION CONTINUING EDUCATION

450 Columbus Boulevard, Suite 901, Hartford, Connecticut 06103

Telephone: (860) 713-6022 Fax: (860) 706-1366

### APPLICATION FOR OCCUPATIONAL TRADES CONTINUING EDUCATION PROVIDERS

Course providers shall be subject to continuing education requirements set forth in the Regulations of Connecticut State Agencies Section 20-334d-1.

***ALL PROVIDER APPLICATIONS SHALL BE REVIEWED ON A ROLLING BASIS***

To offer a course,

Login or create an account at [www.elicense.ct.gov](http://www.elicense.ct.gov)

Go to "Initial Application" > Occupational Trades

Select "PLUMBING CONTINUING EDUCATION COURSE (PCE-CRS)"

***The application for each course must include the following:  
(See Instructions page for full submission requirements and instructions)***

1	Course Name
2	Classroom Hours
3	Course Offerings
4	License Types Covered
5	Certificate of Insurance
6	CT Sales Tax Cert
7	School Status
8	Instructors
9	Fire Marshal Certificates
10	Policies
11	Course Certificates
12	Advertisements
13	Reference Materials
14	Copyrights
15	Teaching Aids
16	Handouts

# APPLICATION INSTRUCTIONS FOR CONTINUING EDUCATION PROVIDERS FOR PLUMBERS

## 2024 LICENSE RENEWAL YEAR

- All applications for Providers submitting and requesting approval of the 2024 Plumbing Continued Education Program shall be submitted electronically. The following link to a You Tube video is available for anyone to review on how to complete this online application process. The link is: [CE Provider Online Submission Procedures-20220513 130414 Meeting Recording - YouTube](#)
- Providers should submit their completed applications as soon as possible so that review and approvals (allow 2 weeks) can be completed by July 15<sup>th</sup>. PA 21-37 requires that licensees are to complete their continued education 90 days prior to renewal of their license.
- Each of the following documents shall be uploaded electronically.
  - **Application:** Must be filled out completely
  - **Certificates of Insurance:** Verify the effective dates.
  - **School Status:** Proof of private, public, trade union or trade association.
  - **Certificates:** Copy of certificates to be issued to attendees.
    - Certificates to students shall be on official school stationery showing school name, school code, name of licensee, license number and type, must indicate “2024 Renewal Year”, name of course, number of classroom hours, date, and location of course.
  - **Current Fire Marshal certificate:** Indicating acceptable use of each facility.
  - **Advertisements:** Copy of all advertisements to be used.
  - **Policies:** Copy of school policies for tuition, related costs, cancellations/refunds
  - **Offerings:** Dates, hours, and locations of all classes.
  - **Instructors:** Names, addresses, CT occupational license number and resumes for all instructors that will be teaching. Any changes (additions or deletions) to the instructor list must be submitted for additional approval.
  - **References:** List of all reference materials to be used.
  - **Teaching aids:** Copy of any teaching aids such as Power Point, etc.
  - **Handouts:** Copy of bound handout to be distributed to each attendee or provided electronically for on-line classes, which includes laws and standards, safety, power point presentations and applicable calculations. Materials unrelated to the course content and advertisements shall not be included in course handouts or otherwise provided during the course.
- Providers who desire to add any training locations or add/change any instructors that have not been previously approved to their schedules must submit for approval at least **60 days** prior to the intended date of usage.
- Providers are required to have each attendee sign a “sign in/sign out” sheet at the beginning of each class, at the end of each class, and each time an attendee leaves the room during such course. Providers must retain copies of attendance sheets for four (4) years after each course.

- Certificates of course completion shall not be distributed to any attendee until the very end of the class, at which time the person who is named on the certificate must be present and have attended all the prescribed hours of the class before the certificate is issued to such person. No certificates shall be issued to any person who is not in attendance at the end of the class. For on-line classes, and only for those people that have attended the entire class, certificates of completion shall be mailed to that attendee.
- At the completion of each course, Providers must provide PSI Examination Services (“PSI”) an electronic file for each of their students. Such electronic file shall comply with all the data fields required by PSI in the template mandated by PSI. **All reports must be transmitted to PSI within 14 calendar days of each completed course.**
- Once the application is processed and approved, the Provider will receive written confirmation that their course(s) have been fully approved. Without receipt of the written notification, a Provider shall not conduct or advertise for such courses.
- **IMPORTANT NOTICE:** Please be advised of the following changes to Continuing Education requirements which all approved providers will need to adhere to. These changes are incorporated in HB5330, PA 22-104, Section 42. The following is a link to PA 22-104 for your reference. <https://www.cga.ct.gov/2022/act/Pa/pdf/2022PA-00104-R00HB-05330-PA.PDF>
  - In person class size will be limited to 50 attendees
  - Online classes will be limited to 25 attendees
  - No Classes will be offered or held at a contractor’s place of business
  - Providers shall retain an audio-visual recording of each class for a period of 30 days after the class and make such recording available to the department upon request.

**STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC SAFETY**

*DIVISION OF FIRE, EMERGENCY & BUILDING SERVICES  
OFFICE OF STATE FIRE MARSHAL*



On (date) \_\_\_\_\_, the (Town/City) \_\_\_\_\_ Office of the Fire Marshal conducted an inspection of (name of facility) \_\_\_\_\_ located at (address) \_\_\_\_\_ in the City/Town of \_\_\_\_\_ to determine the degree of compliance with the fire safety requirements of Connecticut General Statutes Chapter 541 as authorized by Section 29-305 of the statutes. This facility was evaluated as a (new/existing) \_\_\_\_\_ (occupancy classification) \_\_\_\_\_ as classified by the CONNECTICUT FIRE SAFETY CODE. As a result of this inspection, the following conditions were found:

- I. At the time of inspection, no code violations were identified. **Certificate of approval recommended.**
- II. At the time of inspection, conditions were discovered to be contrary to the minimum requirements of these codes. An acceptance plan of correction was submitted. (See attached information) **Certificate of approval recommended.**
- III. At the time of inspection, conditions were discovered to be contrary to the minimum requirements of these codes. No approved plan of correction was submitted. (See attached information) **Certificate of approval NOT recommended.**
- IV. Based on the extreme hazard to the public safety discovered at the time of this inspection, this office is currently seeking an injunction from the court through our Town/City Attorney for the purpose of closing or restricting usage of this facility by the public. (See attached information) **Certificate of approval NOT recommended.**

Fire Marshal Name & Signature \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_  
City or Town

**Please Note:** A fire marshal inspection is valid for one year from the date of the last inspection.

**STATE OF CONNECTICUT**  
 DEPARTMENT OF CONSUMER PROTECTION  
 OCCUPATIONAL & PROFESSIONAL LICENSING DIVISION

**EVALUATION FORM FOR PLUMBING CONTINUING EDUCATION COURSE**

**TO BE FILLED OUT BY THE STUDENT AND MAILED TO THE ADDRESS BELOW, OR  
 FILL OUT ON LINE AT: <https://portal.ct.gov/occeval>  
 PROVIDERS ARE NOT PERMITTED TO COLLECT, PROCESS OR DELIVER THIS INFORMATION**

Date: \_\_\_\_\_ Email Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Student Name: \_\_\_\_\_

School Name: \_\_\_\_\_ Course Name: \_\_\_\_\_

Location of Class: \_\_\_\_\_ Time: \_\_\_\_\_ Course Date: \_\_\_\_\_

Each instructor shall be evaluated by the students at the end of the course. Please rate your instructor and course in the following categories. Circle your choices.

INSTRUCTOR / FACILITY	POOR	FAIR	GOOD	VERY GOOD
1. Started and ended class on time	1	2	3	4
2. Instructor's delivery of subject matter	1	2	3	4
3. Level of preparation for the class	1	2	3	4
4. Knowledge of the subject	1	2	3	4
5. Ability to answer questions	1	2	3	4
6. Rapport with the class	1	2	3	4
7. Made learning enjoyable	1	2	3	4
8. Enthusiasm	1	2	3	4
9. Depth of coverage	1	2	3	4
10. Taught the course as it was advertised	1	2	3	4
11. Gave me information that will benefit	1	2	3	4
12. Overall evaluation of the Instructor	1	2	3	4
13. Registration process	1	2	3	4
14. Staff handled in a professional manner	1	2	3	4
15. Materials (handouts)	1	2	3	4
16. Course content	1	2	3	4
17. Overall evaluation of the course	1	2	3	4
18. Accommodations of Facility	1	2	3	4
19. Was the class physically attended or virtually online _____virtual _____physically in person				
20. If Virtual online, was the internet connection maintain for the duration of class Yes No				
21. If connection not maintained, estimate percentage of class time to reestablish _____				
22. Is your preference to take the class _____virtually online or _____physically in person?				
Comments: _____				
_____				

**Mail to:** Department of Consumer Protection  
 Occupational & Professional Licensing Division  
 John Mesner  
 450 Columbus Boulevard, Suite 901  
 Hartford, Connecticut 06103

**State of Connecticut**  
**Department of Consumer Protection**  
**Plumbing Piping and Exam Board**  
**Continuing Education Curriculum**  
**2024-2025**

**NOTE TO ALL PROVIDERS:** All classes are required to be 5 hours minus 2 short 10 minute restroom breaks. NO early dismissals. If your program does not take the full 5 hours, then your program has not been properly prepared. All programs subject to Plumbing Board Approval.

**2022 CONNECTICUT STATE BUILDING CODE**

**Adopted model codes, effective October 1<sup>st</sup> 2022**

*Adopted and Referenced Publications Pursuant to section 29-252 of the Connecticut General Statutes the following national model codes, as amended herein, are adopted and shall be known as the 2022 Connecticut State Building Code:*

Explanation of connection of the Ct State Building Code and the Connecticut amendments

<https://portal.ct.gov/DAS/Office-of-State-Building-Inspector/Connecticut-State-Building-Code>

2021 International Building Code

2017 ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities

2021 International Existing Building Code

2021 International Plumbing Code

2021 International Mechanical Code

2021 International Energy Conservation Code

2020 NFPA 70, National Electrical Code, of the National Fire Protection Association Inc. 2021

International Swimming Pool and Spa Code

2021 International Residential Code

10 min.

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## 2021 International Plumbing Code, Changes from the 2018 IPC and CT Amendments

***This Section will require Providers look up Code sections and provide explanation of each item.***

*Information can be found in 2021 IPC where black lines in margins indicate change. ICC Significant Changes Book and Connecticut Amendments.*

- Definitions
  - Copper Alloy, Public or Public Utilization, Private, Water Dispenser
- 308.9 Bundled Hot Water Piping Insulation
- **403.1.1 Fixture calculations (with CT Amendment),**
- **403.1.2 Single-user toilet and bathing room fixtures (with CT amendment ADD 403.1.2 Baby changing facilities),**
- 403.2 Multiple user Nonseparated Toilet Facilities, **CT Amendment 403.2.1 Delete Section**
- 403.3.1 and 403.5 Facilities and Drinking Fountains on Accessible Routes
- 403.3 Group S (storage) Toilet Facilities Location
- 403.6 Service sink locations (In covered malls)
- 405.4.3 Wall hung fixture carrier standard for Water Closets
- 407.2 Bathtub waste outlets and overflows
- 410.3 High and low drinking fountains, **410.4 CT AMD. Substitution**
- 411.3 Water supply (hot water for emergency showers and eye wash stations)
- 412.3 Individual shower valves , 412.4 Multiple (gang) showers
- 412.5 Bathtub and whirlpool bathtub valves, 412.10 head shampoo sink faucets, 423.3 Footbaths and pedicure baths
- **413.5 CT Amendments (ADD), Connection required (floor drains)**
- 419.5 Tempered water for public hand washing lavatories
- 421.3.1 Waste fittings
- 
- 501.2 Water heater used as space heater
- 504.6 CT Amendment requirements for discharge piping #10 only
- 
- 602.3.5 Potable water pumps shall comply with NSF 61
- 605.12.3 and 605.13.6 Solder and flux to comply with NSF 61
- 606.1 Location of full open valves (individual tenant water shut off valve)
- 607.1.1 and 607.1.2 temperature limiting means
- **608.1.1CT Amendments (ADD) connection to public water supply**

- **608.1.2 CT Amendment (ADD) Required Notification to water company and building official**
- 608.15.2.1 relief port openings (backflow preventers)
- **CT (AMD) 608.17 connection to the potable water system**
- **CT (AMD) 608.18 Protection of individual water supplies**
- **CT (DEL) 608.18.1 through 608.18.8 Delete subsections and referenced table**
- 609.2 Water service for group I-2 Condition 2 facilities (2 water service pipes in health care I-2 Condition 2 health care)
- 609.2.1 tracer wire required for nonmetallic pipe
- 
- **CT (AMD) 708.1.1 Horizontal drains and building drains**
- **SECTION 717 and 718 (new sections) (major change) (Relining Building Sewers and Building Drains) and (Rehabilitation Of Building Sewers and Building Drains)**
- 
- Section 903, 903.1 through 903.1.4 changed
- **CT (AMD) 903.1.1 Roof extension unprotected.**
- **CT (DEL) 903.2 Frost closure Delete Section**
- 915.1 Type of fixtures, (Combination waste and vent system)
- 
- 1002.1 Fixture traps, (Hydromechanical Grease Trap Connection and Emergency Floor Drain).
- 1002.4.1.5 Fixture drain connection for trap primer
- **CT (AMD) 1003.3 Grease Interceptors and Separators**
- 
- 1102.6 Roof Drains (Rated and tested)
- **CT (AMD) 1106.1 General 1 hour rainfall in CT**
- **CT (DEL) figures 1106.1(1) through (5)**
- 1106.2 size of storm drain piping
- 1106.2.1 Rainfall rate conversion method
- **CT (AMD) 1108.3 Sizing of secondary drains**
- 
- **CT (AMD) 1201.1 Scope (CT State Fire Prevention Code)**
- 
- Chapter 13 No changes or CT Amendments
- 
- **CT (DEL) 1401 through 1403**
- **CT (ADD) 1401.1 General (subsurface landscape irrigation per CGS 190a-36 of CGS**
-



- ***CT (AMD) Referenced Standards, NFPA Address, (ADD) Hydrogen Technologies Code NFPA 02-20, and National Fuel Gas Code (54-21)***
- ***A***
- ***CT (DEL) Appendix A, Plumbing permit fee***
- ***CT (DEL) Appendix F, Board of Appeals***

## **2021 International Residential Code, Plumbing Changes from the 2018 IPC and CT Amendments**

***This Section will require Providers look up Code sections and provide explanation of each item.***

*Information can be found in 2021 IPC where black lines in margins indicate change. ICC Significant Changes Book and Connecticut Amendments.*

- ***CT (DEL) 2603.5.1 Sewer Depth***
- ***CT (AMD) Table P2605.1 Piping support***
- P2708.2.1 Waste fitting Rating
- P2708.4 Shower control valves (rating, max temp)
- P2713.3 Bathtub and whirlpool tub valves (rating and temp)
- 
- P2802.1 Solar water heaters (temperature control, rating)
- P2803.2 Temp Control (water heaters used for space heating, rating and temp.)
- ***CT (AMD) P2804.6.1 requirements for discharge pipe (#10 only)***
- 
- ***CT (ADD) 2902.5.3.1 Rain sensor required***
- P2902.6.3 Relief port piping (backflow preventers)
- P2903.3.1 Drinking water pumps (NSF 61 Rated)
- P2904.2.3 Freezing areas (Residential sprinkler pipes)
- P2904.4 through 2904.4.1.3 Sprinkler piping (actually a design section)
- P2905.3 Hot water supply to fixtures
- 
- P303.3.4 and P3003.9.4 Push-fit fittings L&L and installed per Mfg.
- P3005.2.10.1 Cleanout equivalent (trap removal OK)
- ***CT (DEL) Sections 3009.1 through 3009.11***
- ***CT (ADD) Section 3009.1 Subsurface landscape irrigation System per Public Health CGS 19a-36***

25 min

- - **CT (AMD) P3101.1.1 Roof extension**
  - **CT (AMD) P3103.1.2 reef used for recreational purposes**
  - **CT (DEL) 3103.2 Frost closure**
- 

10 min

### Electrical for plumbers

- Bonding of Corrugated Stainless Steel Gas Pipe
- 

### Heat Pump Domestic Water Heaters

- Types & Applications
  - Hybrid (Heat Pump with electric element(s) typically tank type)
  - Air to water (typically self contained units directly piped to storage tanks or through heat exchangers)
  - Geothermal (typically integrated with other geo HVAC systems but large commercial dedicated units also being introduced)
  - Other
- How they work
- Installation considerations
  - Issues with proper installation locations (air exchange)
  - Piping of systems
- Start-up considerations
- Maintenance & Service
  - Filters on most all systems

30 min

### Additional Water Heater information

- 501.6 Water temperature control and piping from tankless heaters
  - 502.3 Water heaters installed in attics
  - 504.3 Shutdown
  - 504.7 Required pan
  - 504.7.2 Pan drain terminations
-

## **Domestic Water Piping Materials, Applications, Considerations, Identification, Installations & Best Practices**

10 min

- Copper/Copper Alloy
  - Issues with proper assembly
- Brass
- Galvanized steel pipe
- PVC/CPVC
  - Large issues with proper assembly & time before activation
- Stainless Steel
  - New materials & fitting systems
- PP-R/PP-RCT (Polypropylene based materials)
  - Material developments have revolutionized application abilities
- HDPE (High Density Polyethylene)
  - Become heavily used for underground applications beyond well systems
- PEX (Cross linked Polyethylene)
  - Confusion regarding fitting system applications & proper assembly requirements
- PEX-AL-PEX (layered pipe with aluminum core, semi-rigid piping with long hanger spacing)
  - Multiple manufacturers coming into states offering additional material options
- PERT (Polyethylene raised temperature tubing)
  - Recyclable variation of polyethylene with ability to be fusion welded, less costly than most PEX along with higher flexibility & will lay/stay flat

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## **International Swimming Pool And Spa Code**

10 min

- New code for Connecticut, Replaces information found in IBC and IRC
  - Chapter 1, Administration Section, heavily amended
  - Chapter 2, Definitions has additional definitions added
  - Chapter 3 General Compliance has sections pertinent to plumbers
  - Chapters 4, 5, and 6, DELETE
  - Chapter 7 and 8, Limited Plumbing Information
  - Chapter 9 and 10, limited Plumbing information
-

## Cross connection control

### State of Connecticut Cross Connection Control Manual

- Available at [https://portal.ct.gov/-/media/Departments-and-Agencies/DPH/dph/drinking\\_water/pdf/XCMANUALpdf.pdf](https://portal.ct.gov/-/media/Departments-and-Agencies/DPH/dph/drinking_water/pdf/XCMANUALpdf.pdf)
  - KEY ITEMS FOR DISCUSSION
    - Preface
    - Sections 4.1 to 4.12 Air gap, Vacuum Breakers, Backflow prevention devices
    - Section 5 Testing, 5.1 Backflow Certification Categories (Who May Test)
    - Section 7 Regulation Clarification
- 

10 min

## Connecticut Public Health Code

- “On-site Sewage Disposal Regulations and Technical Standards for Subsurface Sewage Disposal Systems”
  - [https://portal.ct.gov/-/media/Departments-and-Agencies/DPH/dph/environmental\\_health/environmental\\_engineering/2018-Uploads/Technical-Standards-2018-Master-011918.pdf](https://portal.ct.gov/-/media/Departments-and-Agencies/DPH/dph/environmental_health/environmental_engineering/2018-Uploads/Technical-Standards-2018-Master-011918.pdf)
  - Systems controlled by Health Department
  - Design flow changed to 7500 gallons per day
  - General provisions
  - Engineering required (Sec. 19-13-B103d, part (a)2e(3)(A)(i))
  - Not a regular Plumbing License, Take and pass the CT DPH SSSD Installer exam.
- 

10 min

## Legislative material

### Substitute House Bill No. 6767 Public Act No. 23-99

- *(References to the following CT General Statutes is not to be considered Legal Advice. If any of the following refers to you personally then you need to refer to the General Statutes, Consumer Protection, and/or your Legal Counselor.)*
- CGS 20-334 Section 6 Subsection (d) (1) If you have been convicted of a criminal offence, you may
  - May request from Consumer Protection, information on how the conviction would impact you license.
  - Request shall be made on forms available from Consumer protection.
  - Consumer Protection shall respond to your request within 30 days
  - Mis-information on the request form may negate the Consumer Protection determination.

55 min

- CGS Section 20-341 Section 7
  - (a) Persons who do work without license, without proper apprentice permit, employs or supplies for employment unlicensed persons, advertises to do such work without the proper license, does the work after their license expires, shall be guilty of a class B misdemeanor.
  - No criminal charges shall be instituted unless work is reviewed by Consumer Protection and submits in writing that the work requires a license and is not part of a dispute.
  - (b) Apprenticeship sponsors shall be properly registered with the Labor Department pursuant to sections 31-22m to 31-22v.
    - Fines may be up to \$5000 for each violation
  - (c) Apprenticeship sponsor may be required to provide a program of apprenticeship training to Consumer Protection.
  - No person shall employ an individual as an apprentice without first verifying that such individual is properly registered as an apprentice.
    - Fines may be up to \$5000 for each violation
  - [(b)](d) examining board may impose fines (civil penalty) up to \$3000 for
    - Persons doing work requiring a license or apprentice registration who do not have the license or registration
    - Employs or supplies for employment persons such unlicensed/unregistered persons or who falsely advertise.
    - Works after license expires.
    - Does not apply to unlicensed apprentice first offense.
  - [(c)] (e) Where Building Official makes initial violation report and Consumer protection levies fines, City to receive half.

- **Dept of Labor Hiring Ratios**

- <https://www.cga.ct.gov/2019/rpt/pdf/2019-R-0187.pdf>
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Table 1: Hiring Ratios of Apprentices to Licensed Journeypersons or Contractors under Prior and Current Law

<i>Ratio of Apprentices to Licensed Journeypersons or Contractors</i>	
<i>Prior Law</i>	<i>Current Law</i>
1:1	1:1
2:2	2:2
3:5	3:3
4:8	4:6
5:11	5:9
6:14	6:12
7:17	7:15
8:20	8:18
9:23	9:21
10:26	10:24
If there are 11 or more apprentices, then three journeypersons or contractors are required for each additional apprentice (e.g., a ratio of 11:27)	

5 min

**WELL DRILLING AND WELL WORK, WELL CASING EXTENSION, CERTIFICATES OF REGISTRATION, INSURANCE REQUIREMENTS, LIMITED CONTRACTOR AND JOURNEYMAN LICENSE.**

Provider will cover required licensing, (Cgs. Sec. 25-129)

**(CGS)** <https://www.google.com/search?q=CONNECTICUT+GENERAL+STATUTES+TITLES>

**(CGS) (WELL DRILLING) Chapter 482 [Title 25](#) Chapters 473 to 485 --- (Secs. 25-1 to 25-238)**

**----- Water Resources, Flood and Erosion Control**

**(Consumer Protection) [Title 21a](#) Chapters 416 to 420/ (Secs. 21a-1 to 21a-439)**

**(Professional and occupational licensing , certification, Title protection and registration, examining boards)**

<https://www.cga.ct.gov/current/pub/titles.htm> **[Title 20](#) Chapters 369 to 400p (Secs. 20-1 to 20-691)**

15 min

WWC-W1	Water Supply Driller/Contractor	2 Years as a W-2 License Holder	
WWD-W2	Water Supply Driller/Journeyman	DOL Apprenticeship	On the Job Training
WWC-W3	Non-Water Supply Driller/Contractor	2 Years as a W-4 License Holder	
WWD-W4	Non-Water Supply Driller/Journeyman	Trainee Program	On the Job Training
WEC-W5	Well Drilling Casing Extension Driller/Contractor	Must hold a J-1 or P-1 License	
WEC-W6	Well Drilling Casing Extension Driller/Journeyman	Must Hold a J-2 or P-2 License	
WGC- W7	Limited Geothermal Driller/Contractor	2 Years as a W-8 License Holder	
WGC-W8	Limited Geothermal Driller/Journeyman	Trainee Program	On the Job Training
WDC - W9	Limited Direct Exchange Geothermal Driller/Contractor	2 Years as a W-10	
WDC - W10	Limited Direct Exchange Geothermal Driller/Journeyman	*Trainee Program	On the Job Training

For additional information regarding requirements for W-1 and W-2 license types, please visit the CT Department of Labor website

[Apprenticeships \(ct.gov\)](https://www.ct.gov/labor)

\*For additional information regarding requirements for all other well drilling types listed above, please refer to the

[Well Drilling Trainee Document](#).

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## **OSHA Information**

### **OSHA's 2022 Most Cited Violations in 2022**

- **Fall Protection:** 5,260 violations
- **Hazard Communication:** 2,424 violations
- **Respiratory Protection:** 2,185 violations
- **Ladders:** 2,143 violations
- **Scaffolding:** 2,058 violations
- **Lockout/Tagout:** 1,977 violations
- **Powered Industrial Trucks:** 1,749 violations
- **Fall Protection Training:** 1,556 violations
- **Eye and Face Protection:** 1,401
- **Machine Guarding:** 1,370

15 min

8 worker deaths in 2022 including being crushed, pinned, falls, trench collapse.

### **Connecticut contractor's failure to address hazards turns deadly when trench collapse buried worker at Vernon job site**

*Botticello Inc. faces \$375K in OSHA fines after death that 'never should have happened'*

**HARTFORD, CT** – A federal investigation has found a Manchester contractor's failure to provide legally required safeguards and make sure they were in place to prevent trench collapses contributed to the July 22, 2022, death of an employee buried when an 8-foot-deep trench caved in.

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**The following are URL to find documents**

**(Cross Control Manual)** [https://portal.ct.gov/-/media/Departments-and-Agencies/DPH/dph/drinking\\_water/pdf/XCMANUALpdf.pdf](https://portal.ct.gov/-/media/Departments-and-Agencies/DPH/dph/drinking_water/pdf/XCMANUALpdf.pdf)

**(OSHA)** <https://www.osha.gov/trenching-excavation>

<https://osha4you.com/trenching-and-excavation/slope-it-shore-it-shield-it-osha-promotes-trenching-and-excavation-safety/>

(CGS) <https://www.google.com/search?q=CONNECTICUT+GENERAL+STATUTES+TITLES>

(CGS) (WELL DRILLING) [Title 25](#) Chapters 473 to 485 --- (Secs. 25-1 to 25-238) ----- Water Resources, Flood and Erosion Control

(Consumer Protection) [Title 21a](#) Chapters 416 to 420/  
(Secs. 21a-1 to 21a-439)

(Professional and occupational licensing , certification, Title protection and registration, examining boards) <https://www.cga.ct.gov/current/pub/titles.htm> [Title 20](#) Chapters 369 to 400p (Secs. 20-1 to 20-691)

(DCP Plumbing License types) <https://portal.ct.gov/DCP/License-Services-Division/All-License-Applications/Plumbing-and-Pipefitting-Licensing>

(DCP Plumbing License types) <https://portal.ct.gov/DCP/Occupational-and-Professional-Division/Occupational--Profess/Plumbing-Licenses-and-Scope-of-Work>

(Well Driller License Types) <https://portal.ct.gov/DCP/License-Services-Division/All-License-Applications/Well-Drilling>