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38	A	B	C	D	E
39	A	B	C	D	E

PRACTICE QUESTIONS

CONNECTICUT OCCUPATIONAL TRADES

YTLQVDES

CT W2 Limited Water Well Driller

EDITION

Demo

QUESTIONS

9

FORMAT

Limited Edition PDF

Before you begin

What this is

9 practice questions for CONNECTICUT OCCUPATIONAL TRADES **YTLQVDES**, each with its answer key and an explanation. Answer a question before you read its key — the explanation is worth more once you have committed.

If something looks wrong

Send us three things and we will check it:

- the exam code, **YTLQVDES**
- the question number
- the email address on your order

Write to **support@mometrix.net**. We reply within one business day.

QUESTION 1

MULTIPLE CHOICE

According to Connecticut Department of Public Health regulations for water well construction, which of the following are required components of a properly constructed well casing? (Choose two.)

- ☒ **A** Steel casing that extends from above the well pit to a minimum depth into consolidated rock
- ☒ **B** A surface seal consisting of neat cement grout extending from the ground surface to at least the top of the casing
- ☐ **C** Plastic PVC schedule 40 casing as the only acceptable material for all well types
- ☐ **D** An annular space left open between the casing and borehole wall to allow water inflow

ANSWER A - B

WHY Connecticut well construction standards require steel casing extending into consolidated rock and a surface seal of neat cement grout from the ground surface. PVC-only construction is not universally allowed, and an open annular space is not permitted as it would allow contamination.

QUESTION 2

MULTIPLE CHOICE

When grouting and disinfecting a newly drilled water well in Connecticut, which of the following practices must be followed? (Choose two.)

- ☒ **A** Pressure-grouting the annular space from the bottom upward using a tremie pipe
- ☒ **B** Disinfecting the well with a chlorine solution of at least 100 mg/L and allowing adequate contact time before flushing
- ☐ **C** Pouring dry cement into the annular space from the surface and tamping with a wooden pole
- ☐ **D** Skipping disinfection if the well is drilled into solid granite with no overburden

ANSWER A - B

WHY Proper grouting requires placement from the bottom upward via tremie pipe to eliminate voids. Disinfection with an appropriate chlorine concentration and contact time is required for all new wells regardless of formation type. Dry-pour methods and skipping disinfection violate Connecticut standards.

QUESTION 3

TRUE FALSE

A holder of a Connecticut W2 Limited Water Well Driller license is authorized to drill, construct, and repair water wells of any depth and in any geological formation within the state.

- ☐ A True
- ☒ B False

ANSWER B

WHY False. The W2 Limited Water Well Driller license has specific limitations on the depth, type, and scope of wells that may be drilled, as defined by Connecticut DPH regulations. It is not an unlimited license; activities outside its scope require additional licensure.

QUESTION 4

SINGLE CHOICE

Which Connecticut state agency is responsible for administering the water well driller licensing program and examinations?

- ☐ A Connecticut Department of Transportation
- ☒ B Connecticut Department of Public Health (DPH)
- ☐ C Connecticut Department of Energy and Environmental Protection (DEEP)
- ☐ D Connecticut Occupational Safety and Health Administration (CONN-OSHA)

ANSWER B

WHY The Connecticut Department of Public Health (DPH) administers the water well driller licensing program, including the W2 Limited Water Well Driller license, examinations, and continuing education requirements.

QUESTION 5 SINGLE CHOICE

What is the minimum diameter typically required for a casing in a new domestic water well constructed under Connecticut standards?

- ☐ A 2 inches
- ☐ B 4 inches
- ☒ C 6 inches
- ☐ D 10 inches

ANSWER C

WHY Connecticut well construction standards generally require a minimum 6-inch casing diameter for domestic water wells to allow for proper installation of a submersible pump and to ensure adequate yield.

QUESTION 6 SINGLE CHOICE

What is the minimum horizontal setback distance required between a new water well and a septic system or sewage disposal area under Connecticut regulations?

- ☐ A 25 feet
- ☐ B 50 feet
- ☒ C 75 feet
- ☐ D 100 feet

ANSWER C

WHY Connecticut Public Health Code requires a minimum 75-foot horizontal separation between a water well and any septic tank or sewage disposal system to protect the aquifer from contamination.

QUESTION 7 SINGLE CHOICE

Which drilling method is most commonly used in Connecticut for drilling water wells through glacial till and into bedrock?

- ☐ A Cable tool (percussion) drilling
- ☒ B Air rotary drilling
- ☐ C Mud rotary drilling
- ☐ D Auger drilling

ANSWER B

WHY Air rotary drilling is the predominant method used in Connecticut to penetrate the glacial overburden and drill into bedrock, as it efficiently removes cuttings and is effective in the consolidated rock formations common to the state.

QUESTION 8 SINGLE CHOICE

After construction and disinfection of a new well in Connecticut, what must occur before the well is placed into service for potable use?

- ☐ A The well must be pumped continuously for 24 hours with no testing required
- ☒ B A water sample must be collected and analyzed for bacteria and other required parameters, with results showing the water is safe for potable use
- ☐ C Only a visual inspection of the water clarity is required
- ☐ D The homeowner must sign a waiver releasing the driller from water quality responsibility

ANSWER B

WHY Connecticut regulations require that a water sample be collected and tested by a certified laboratory for bacteriological and chemical parameters before a new well is placed into potable service, confirming the water meets drinking water standards.

QUESTION 9

SINGLE CHOICE

Under Connecticut regulations, when must a licensed well driller submit a completed well report (well log) to the Department of Public Health?

- ☒ **A** Within 30 days after completion of the well
- ☐ **B** Only if the property owner requests it
- ☐ **C** Within 90 days after the well is drilled and before any pumping test is performed
- ☐ **D** No submission is required for private domestic wells

ANSWER A

WHY Connecticut requires licensed well drillers to submit a complete well report to the Department of Public Health within 30 days of well completion. This documentation is critical for tracking subsurface conditions and protecting public health, and applies to private domestic wells.