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

PRACTICE QUESTIONS

CONNECTICUT OCCUPATIONAL TRADES

FMB96XVF

CT HPG-2 Hearth Product Limited Journeyperson

EDITION

Demo

QUESTIONS

9

FORMAT

Limited Edition PDF

Before you begin

What this is

9 practice questions for CONNECTICUT OCCUPATIONAL TRADES FMB96XVF , 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, FMB96XVF
- the question number
- the email address on your order

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

QUESTION 1

SINGLE CHOICE

Under the Connecticut HPG-2 Hearth Product Limited Journeyperson registration, which category of work is the registrant authorized to perform?

- ☒ **A** Installation and service of solid-fuel-burning hearth appliances, including chimneys and vents serving them
- ☐ **B** Installation and service of any gas-fired appliance, including commercial kitchen equipment
- ☐ **C** Installation of residential plumbing fixtures up to two stories
- ☐ **D** Installation of central air-conditioning condensers

ANSWER A

WHY The HPG-2 Hearth Product Limited Journeyperson registration is restricted to hearth products such as wood-burning and similar solid-fuel appliances and the associated chimneys and vents. Gas, plumbing, and HVAC work fall under different registration categories.

QUESTION 2

SINGLE CHOICE

When installing a listed hearth appliance, what is the primary source of the minimum clearance distances to combustible materials?

- ☐ **A** The installer chooses clearances based on field judgment
- ☒ **B** The appliance manufacturer's installation instructions and the listing/labeling
- ☐ **C** A standard 36 inches for all installations
- ☐ **D** The local zoning ordinance

ANSWER B

WHY Clearances to combustibles for a listed hearth appliance come from the manufacturer's installation instructions and the listing/labeling on the appliance. Field judgment, generic fixed values, or zoning rules do not override the listed clearances.

QUESTION 3 SINGLE CHOICE

In a typical solid-fuel hearth installation, the purpose of a listed chimney liner is to:

- ☐ A Reduce the overall height of the chimney
- ☒ B Provide a gas-tight, properly sized passageway for combustion products
- ☐ C Eliminate the need for a cap
- ☐ D Serve as the primary structural support for the appliance

ANSWER B

WHY A listed chimney liner creates a properly sized, gas-tight flue that safely conveys combustion products to the outside. It does not reduce required chimney height, replace a cap, or support the appliance.

QUESTION 4 SINGLE CHOICE

A wood stove is listed for use with a specific brand of listed connector pipe and chimney. The homeowner wants to substitute a different brand of connector pipe. What is the correct response?

- ☐ A Any brand of listed connector pipe is acceptable
- ☒ B Only use components that are part of the stove's listed venting system as specified by the manufacturer
- ☐ C Substitution is allowed if the pipe is the same diameter
- ☐ D Substitution is allowed if the pipe is single-wall

ANSWER B

WHY A listed solid-fuel appliance must be installed using the specific connector pipe and chimney system that is part of its listing and called out in the manufacturer's instructions. Substitution with non-matching brands or types violates the listing.

QUESTION 5

SINGLE CHOICE

Which statement about the termination of a listed solid-fuel chimney is correct?

- ☒ **A** The chimney must terminate at least 2 feet above any portion of a structure within 10 feet
- ☐ **B** The chimney may terminate inside an attic
- ☐ **C** The chimney may terminate below an openable window
- ☐ **D** The chimney must terminate in a sidewall

ANSWER A

WHY Listed solid-fuel chimneys are required to terminate high enough above structures and openings to disperse combustion products safely. Termination inside an attic, below an openable window, or in a sidewall is not permitted for these systems.

QUESTION 6

SINGLE CHOICE

Where a listed hearth appliance is installed on a combustible floor, what is required?

- ☒ **A** A listed floor protector installed in accordance with the manufacturer's instructions and listing
- ☐ **B** A 1/2-inch sheet of plywood
- ☐ **C** No additional protection if the appliance has legs
- ☐ **D** An R-30 fiberglass batt under the appliance

ANSWER A

WHY When a listed solid-fuel appliance sits on a combustible floor, a listed floor/hearth protector must be installed and sized per the manufacturer's listing and instructions. Plywood, legs alone, or insulation are not acceptable substitutes.

QUESTION 7

SINGLE CHOICE

A solid-fuel appliance installed in a tightly constructed home shows smoke spillage when the door is opened during operation. The most likely cause is:

- ☒ **A** Inadequate combustion air and/or restricted draft
- ☐ **B** Using seasoned wood instead of green wood
- ☐ **C** An oversized flue liner
- ☐ **D** A missing spark arrestor

ANSWER A

WHY Spillage of smoke into the room is most often traced to insufficient combustion air and/or inadequate draft. Seasoned wood, an oversized liner, or a missing spark arrestor would not typically produce smoke spillage on door opening.

QUESTION 8

TRUE FALSE

A single-wall connector pipe serving a solid-fuel appliance must maintain the manufacturer's listed clearance to combustibles wherever it passes through walls, ceilings, or near framing.

- ☒ **A** True
- ☐ **B** False

ANSWER A

WHY True. Listed single-wall connector pipe must be installed with the clearances to combustibles specified by the manufacturer and listing. Reduced clearances require listed shields or listed clearance reducers.

QUESTION 9

MULTIPLE CHOICE

Which of the following are typically required prior to placing a new solid-fuel appliance into service? (Choose two.)

- ☒ **A** Verification that the chimney and connector are listed for the appliance
- ☒ **B** Confirmation of adequate floor protection per the listing
- ☐ **C** Painting the interior of the firebox with high-heat enamel
- ☐ **D** Replacement of the home's electrical service panel

ANSWER A • B

WHY Before placing a solid-fuel appliance into service, the installer must confirm that the chimney/connector is listed for use with the appliance and that floor protection meets the manufacturer's listing. Painting the firebox and replacing the electrical panel are not required pre-service steps.