

PDD受験資料更新版、PDD問題集無料

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知乎 @碳圈报告库

われわれは今の競争の激しいIT社会ではくつかIT関連認定証明書が必要だとよくわかります。IT専門知識をテストしているNCARBのPDD認定試験は1つのとても重要な認証試験でございます。しかしこの試験は難しさがあって、合格率がずっと低いです。でもXhs1991の最新問題集がこの問題を解決できますよ。PDD認定試験の真実問題と模擬練習問題があって、十分に試験に合格させることができます。

NCARB PDD 認定試験の出題範囲：

| トピック | 出題範囲 |
|--------|---|
| トピック 1 | <ul style="list-style-type: none">Integration of Building Materials & Systems: This section of the exam measures the skills of Architectural Designers and focuses on the ability to resolve and integrate various building systems into cohesive project goals. It covers analyzing architectural systems and technologies, determining the size of structural, mechanical, electrical, and plumbing systems, and incorporating specialty systems such as acoustics, lighting, security, and communications. It also evaluates the ability to detail how multiple building systems work together and to coordinate across disciplines to achieve a unified design. |
| トピック 2 | <ul style="list-style-type: none">Project Manual & Specifications: This section of the exam measures the skills of Specifications Writers and emphasizes the importance of developing documentation that goes beyond drawings. Candidates must understand how to identify and prioritize elements needed to prepare, maintain, and refine both the project manual and project specifications. It also assesses the ability to align and coordinate these specifications with the construction documents to ensure consistency and accuracy. |

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| トピック 3 | <ul style="list-style-type: none"> Codes & Regulations: This section of the exam measures skills of Building Code Specialists and examines how codes and regulations apply at a detailed level during documentation. Candidates are expected to demonstrate knowledge of compliance with the International Building Code (IBC) as well as other specialty regulations, as well as how to interpret and apply these standards to ensure design and documentation meet legal and safety requirements. |
| トピック 4 | <ul style="list-style-type: none"> Construction Cost: This section of the exam measures the skills of Construction Managers and focuses on the financial side of project execution. It evaluates the ability to analyze construction cost estimates to confirm that they align with project design intent and budgetary constraints. Although this is the smallest section, it is critical for ensuring projects remain feasible and economically viable. |
| トピック 5 | <ul style="list-style-type: none"> Construction Documentation: This section of the exam measures skills of Project Architects and addresses the creation and management of project documentation. Candidates are expected to demonstrate knowledge of documenting building design and site features, preparing detailed architectural drawings, and applying industry standards to produce a coordinated set of construction documents. The section also includes understanding how project changes impact documentation and how to communicate these updates effectively to both the design team and the client.: |

>> PDD受験資料更新版 <<

PDD問題集無料 & PDD受験内容

すべての働く人は、PDDがこの分野で支配的な人物であり、また彼らのキャリアに役立つことを知っています。PDD信頼性の高い試験ブートキャンプが試験に合格し、資格証明書を取得するのに役立つ場合、より良いキャリア、より良い人生を得ることができます。私たちの研究PDDガイド資料は、最新のPDDテストの質問と回答のほとんどを網羅しています。確かにこの分野で何か違うことをしようと決心しているなら、役に立つ認定はあなたのキャリアの足がかりになるでしょう。

NCARB ARE 5.0 Project Development and Documentation Exam 認定 PDD 試験問題 (Q51-Q56):

質問 # 51

Refer to the exhibit.

An architect is developing an electrical diagram to show equipment configuration and flow of electricity for a residential project. The project is integrating on-site wind generation where the utility company does not allow net metering.

Which diagram meets the project requirements?

- A. Diagram A
- B. Diagram C**
- C. Diagram B

正解: B

質問 # 52

An architect is coordinating the mechanical and structural systems in a building with exposed ceilings. The HVAC ducts are interfering with a large concrete beam in the open office area.

- A. Shift the HVAC ducts below the beam
- B. Request the mechanical engineer to reroute the ductwork**
- C. Relocate the beam to accommodate the ductwork
- D. Increase the ceiling height

正解: B

解説:

In PDD, the architect must coordinate consultant drawings. When a conflict exists (here, duct vs. beam), the best course is to ask

the responsible engineer (mechanical) to reroute the ductwork to clear the beam. As per ARE 5.0 Handbook Objective 3.1, the architect is expected to "coordinate building systems and their integration."

質問 # 53

Where is the proper place to put a vapor barrier in a cold climate?

- A. In the cavity of the framing space
- **B. On the interior between the gypsum wallboard and the framing**
- C. On the exterior between the framing and the sheathing
- D. On the exterior between the metal siding and the sheathing

正解: B

解説:

In cold climates, the vapor drive is from the warm interior to the cold exterior during winter. The vapor retarder/barrier belongs on the warm-in-winter side of the assembly-i.e., behind the interior gypsum, before the framing/insulation-to prevent interior moisture from reaching cold layers where it could condense.

PDD references: Psychrometrics & vapor drive; vapor retarder placement (ASHRAE; IBC/IECC guidance; ARE 5.0 PDD-Thermal & Moisture Protection).

質問 # 54

Which of the following metals is best suited for embedments in concrete or masonry?

- A. Bronze
- B. Cast iron
- C. Aluminum
- **D. Stainless steel**

正解: D

解説:

When metals are embedded in concrete or masonry, corrosion resistance is a critical factor due to the alkaline environment and potential moisture exposure.

Stainless steel has excellent corrosion resistance, making it ideal for embedments in concrete or masonry where long-term durability is required.

Bronze is corrosion-resistant but typically used for decorative or hardware applications, not structural embedments.

Aluminum corrodes readily in alkaline concrete environments and is not suitable for embedments without protective coatings.

Cast iron is susceptible to rust and corrosion in moist conditions and is generally avoided for embedded components.

Thus, stainless steel is best suited for durability and corrosion resistance in concrete/masonry embedments.

References:

NCARB ARE 5.0 Review Manual, Materials and Assemblies chapter

Building construction materials standards (ACI, ASTM) on metals in concrete Corrosion resistance guides for metals embedded in concrete

質問 # 55

A family-owned apple farm in the Upper Midwest is taking advantage of a change in the local zoning code that added a new Agri-Tourism class in the existing farm zone. This allows the Owner to build a new facility on their existing site. The building will be open to the public and include a brewery, distillery, tap room, and market. The architect is ready to submit the drawings to the Owner for the 50% construction documents review.

To accommodate a compressed construction schedule, the Owner will be utilizing a design-build process. The Contractor has submitted the Pre-Engineered Metal Building (PEMB) shop drawings to the Architect for review, due to the lead time on this critical path item. Once construction begins, farming operations must be able to continue uninterrupted.

Key project information includes:

- * Brewing and distilling will operate year-round.
- * Brewery will initially include four fermenting tanks. Owner has requested space for at least two additional tanks. Potential expansion will be based on future sales.
- * Distillery will produce 16% alcohol, which is classified as a flammable liquid. Fire separations are required.

- * Tap Room is designed with seating for 300 people, not including exterior patio seating. It will have views to the working orchards and the historic buildings on site.
- * Tap Room is scheduled to be open from August through November. Owner would like options to extend operating dates based on popularity.
- * The Market area will feature local farm products and is not conditioned.
- * Entire building will be fully sprinklered.
- * Selected building materials are low-maintenance, as requested by the Owner, for durability and to reflect the nature of a working farm.
- * Mechanical and electrical systems will be hung from the building structure. These loads are included in PEMB shop drawings.
- * Public water and sewer is not available at the Project Site.
- * Occupancy sensors are included to reduce utility costs and achieve energy conservation requirements.

The following resources are available for your reference:

- * Architectural Drawings, including plans, elevations, sections, and schedules
- * Consultant Drawings, including structural, HVAC, power distribution, and plumbing
- * PEMB Shop Drawings
- * Design and Construction Schedule
- * Specification Excerpts, showing relevant spec sections
- * IBC and ADA Excerpts, showing relevant code and accessibility sections
- * After reviewing the documents, the architect discovers a coordination issue in the corridor.

The owner has revised the pro forma and directed the architect to add two additional Type B units to the design. A code review for the project indicates that the building occupancy is R-2.

What should the architect do to meet the owner's required revisions?

- A. Change the 2nd Floor Unit 1BR-SW into two studios and change the 10th Floor Unit 2BR-E to two 1- bedroom units.
- B. Change the 10th Floor Unit 2BR-E to two 1-bedroom units and change the 7th Floor Unit 2BR-E to two 1-bedroom units.
- C. Change the 5th Floor Unit 2BR-E to two 1-bedroom units and change the 2nd Floor Laundry to a 1- bedroom unit.

正解: B

解説:

Converting two existing 2-bedroom units into two 1-bedroom units each yields two additional dwelling units total, while keeping every unit on an exterior wall for light/vent and maintaining typical plumbing stacks /egress.

A introduces two studios (size/layout risk) and alters a lower-floor stack; more coordination risk.

C converts a Laundry (likely interior and serving the building) into a unit-problematic for light/ventilation and building services.

PDD refs: IBC R-2 unit planning, light/ventilation, egress; planning & stacking strategies to minimize rework.

質問 # 56

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PDD問題集無料: <https://www.xhs1991.com/PDD.html>

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