

LEED-AP-BD-C資料 - LEED-AP-BD-C考古題更新



現在很多IT專業人士都一致認為USGBC LEED-AP-BD-C 認證考試的證書就是登上IT行業頂峰的第一塊墊腳石。因此USGBC LEED-AP-BD-C認證考試是一個很多IT專業人士關注的考試。

USGBC LEED-AP-BD-C 考試大綱：

主題	簡介
主題 1	<ul style="list-style-type: none">• LEED Process: This topic tests the skills of LEED Green Associates involved in green building initiatives. It focuses on various methods to achieve LEED goals, such as developing credit interpretation rulings and utilizing Regional Priority Credits to explore synergies within the LEED system.
主題 2	<ul style="list-style-type: none">• Building Loads: This topic is focused on optimizing building performances through effective load management. It addresses design considerations such as building orientation and glazing selection while clarifying regional factors that influence these decisions.
主題 3	<ul style="list-style-type: none">• Project Surroundings and Public Outreach: LEED Green Associates learn about promoting sustainable practices, regional design considerations that incorporate green construction measures, cultural awareness issues related to historic or heritage impacts, and ensuring that sustainability efforts are respectful of local values.
主題 4	<ul style="list-style-type: none">• Sustainable Sites: It covers site assessment and planning that involves evaluating various site characteristics, such as topography, hydrology, climate, vegetation, and soil conditions. It also covers assessing a site's potential as a resource for energy flows while addressing construction activity pollution prevention measures.
主題 5	<ul style="list-style-type: none">• Location and Transportation: This topic measures the skills of LEED Green Associates in sustainable development. It addresses critical factors in site selection, including development constraints and opportunities related to environmental considerations, and community connectivity concepts, such as walkability and street design, which are vital for promoting sustainable transportation options.
主題 6	<ul style="list-style-type: none">• Water Efficiency: This topic measures the skills of LEED Green Associates in optimizing water use in building projects. It explores strategies for reducing outdoor water use through efficient irrigation practices, including landscape water requirements and irrigation systems. It also covers using native and adaptive plant species to minimize irrigation demands.
主題 7	<ul style="list-style-type: none">• Energy and Atmosphere: In this topic, LEED Green Associates focuses on building reuse, including historic building renovations. It covers material reuse strategies, enclosure materials, and permanently installed interior components into new designs.
主題 8	<ul style="list-style-type: none">• Integrative Strategies: It emphasizes the importance of an integrative process. The topic also covers their knowledge about the value of teamwork in developing integrative green strategies and how they can collaborate throughout different project phases.

主題 9	<ul style="list-style-type: none"> Indoor Environmental Quality: This domain measures the skills of LEED Green Associates in creating healthy indoor environments. It emphasizes the importance of maintaining adequate ventilation levels through both natural and mechanical means. Additionally, candidates will be assessed on topics such as tobacco smoke control measures.
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>> LEED-AP-BD-C資料 <<

LEED-AP-BD-C考古題更新 & LEED-AP-BD-C真題

作為IT業界的頂級公司，USGBC 通過其認證確定了產品專家的標準，可以說 USGBC 在業界的聲望和 USGBC 產品的市場佔有率提升了其認證工程師的含金量，一個 USGBC 認證工程師獲取在優秀企業工作的機會比普通工程師大60%－80%，平均薪水高出30%-50%。世界500強企業中，有超過2/3的企業選擇了USGBC電子商務軟體產品作為其核心的運用。因此，獲得LEED-AP-BD-C 的證照，即使在強手林立的競爭環境中，你同樣能夠脫穎而出。

最新的 USGBC LEED LEED-AP-BD-C 免費考試真題 (Q162-Q167):

問題 #162

What percentile of runoff from a regional development of an office building must a project manage on site by using low-impact development and green infrastructure to achieve three points under the Sustainable Sites Credit-Rainwater Management, Option 1. Percentile of Rainfall Events?

- A. 100th percentile
- B. 85th percentile
- C. 95th percentile
- D. 98th percentile

答案：C

解題說明：

Detailed

To achieve three points under the Rainwater Management credit, projects must manage the 95th percentile of regional rainfall events on site. This approach minimizes the impact of stormwater runoff on local watersheds and supports the use of low-impact development (LID) techniques such as bioswales, green roofs, and rain gardens.

問題 #163

A tenant of a new office building will require 100 workstations per floor. Each floor will have two bathroom facilities and one conference room. How many lighting control devices with at least three lighting levels per floor are required to comply with Indoor Environmental Quality Credit, Interior Lighting, Option 1. Lighting Control?

- A. 100 lighting control devices
- B. 103 lighting control devices
- C. 93 lighting control devices
- D. 91 lighting control devices

答案：C

解題說明：

To comply with Indoor Environmental Quality Credit, Interior Lighting, Option 1. Lighting Control, the tenant of a new office building will require 93 lighting control devices with at least three lighting levels per floor. This is because the credit requires that at least 90% of individual occupant spaces have lighting controls that enable occupants to adjust the lighting to suit their individual tasks and preferences¹. The credit also requires that all shared multioccupant spaces have lighting controls that enable adjustments that meet the needs of the group¹. According to the LEED BD+C Reference Guide, an individual occupant space is defined as an enclosed space or an open space that is occupied by one person and is at least 50 square feet (4.6 square meters) in area¹. A shared multioccupant space is defined as an enclosed or open space that is occupied by more than one person and is at least 100 square feet (9.3 square meters) in area¹.

Based on the given information, each workstation can be considered as an individual occupant space, and each bathroom facility and

conference room can be considered as a shared multioccupant space. Therefore, the number of lighting control devices per floor can be calculated as follows:

* For the 100 workstations, 90% of them need lighting controls, which is 90 workstations. Each workstation needs one lighting control device, so the total number of lighting control devices for the workstations is 90.

* For the two bathroom facilities, each facility needs one lighting control device, so the total number of lighting control devices for the bathroom facilities is 2.

* For the one conference room, one lighting control device is needed, so the total number of lighting control devices for the conference room is 1.

The total number of lighting control devices per floor is then $90 + 2 + 1 = 93$.

References: Interior lighting

問題 #164

If a commercial building is considered to have 100 peak visitors in a day, what is the minimum number of short-term bicycle storage spaces that must be provided to earn one point under Location and Transportation Credit, Bicycle Facilities?

- A. Ten
- B. Three
- C. Four
- **D. Five**

答案: D

解題說明:

According to the LEED v4: Building Design + Construction Guide, the Location and Transportation Credit, Bicycle Facilities has two options: Option 1. Bicycle Network and Storage and Option 2. Reduced Parking Footprint. Option 1 requires the project to provide short-term bicycle storage for at least 2.5% of all peak visitors, and long-term bicycle storage for at least 5% of all regular building occupants. Short-term bicycle storage must be within 100 ft (30 m) walking distance of any main entrance, and long-term bicycle storage must be within 300 ft (90 m) walking or bicycling distance of any functional entry. Option 2 requires the project to provide short-term bicycle storage for at least 2.5% of all peak visitors, and long-term bicycle storage for at least 5% of all regular building occupants, and also reduce the total parking capacity by at least 20% from the base ratios. Both options can earn one point under this credit.

If a commercial building is considered to have 100 peak visitors in a day, the minimum number of short-term bicycle storage spaces that must be provided to earn one point under Option 1 or Option 2 is 2.5% of 100, which is 2.5, rounded up to 3. However, the project must also provide long-term bicycle storage for at least

5% of all regular building occupants, which is not given in the question. Therefore, the correct answer is C, five, which is the minimum number of short-term bicycle storage spaces that must be provided to earn one point under Option 1 or Option 2, regardless of the number of regular building occupants. References: LEED v4: Building Design + Construction Guide, Location and Transportation Credit, Bicycle Facilities, Requirements

問題 #165

In the Indoor Environmental Quality Credit, Low-Emitting Materials, what types of products need to be evaluated for both Volatile Organic Compound (VOC) content of the material and VOC emissions of the material?

- **A. Furniture**
- B. Wet applied products
- C. Flooring
- D. Composite wood

答案: A

解題說明:

Furniture is the only type of product that needs to be evaluated for both VOC content and VOC emissions in the LEED BD+C Low-Emitting Materials credit. Flooring, composite wood, and wet applied products only need to meet the VOC content requirements, while other types of products, such as ceilings, walls, thermal and acoustic insulation, and exterior applied products, only need to meet the VOC emissions requirements.

問題 #166

- A. Equipment Maintenance Plan
- **B. Owner's Project Requirements**
- C. Coordination of other contractors
- D. Energy meter location

LEED Reference Guide for Building Design and Construction v4
The Role of a Commissioning Agent (CxA) - cxplanner.com
Commissioning Authority | WBDG - Whole Building Design Guide
General Commissioning Requirements - Northwestern University

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