

EDGE EDGE-Expert日本語練習問題、EDGE-Expert認定試験トレーリング

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EDGE-Expert問題集を使用する正しい方法：間違いない、または間違えた場合は、マークを行き、ヨーの根本原因を見つけて統合し、誤認するまで確認します。

- 正しい答えをすることは、GIGI EDGEの勉強資料をどのようにするかです。問題を見つけることは最初のスクリプト通りです。問題の問題を分離して問題を解決することが难点です。尚且正しい答えしか得られない場合、何もそれを行うことはまだ静止しています。
- EDGE-Expert問題集に合格するには、主張の知識と試験のルールを理解する必要があります。そして、質問をせずに本を読んでビデオを見るだけでは、明らかに後者のことはできません。慎重に考えて選択するだけによってのみ、質問のルールを適用し、自分の努力で自分の結果を得ることができます。

EDGE-Expert HOME

EDGE-Expert問題集を使用するメリット

EDGE-Expert問題集を使用して、多くの試験の質問を行うことで研究の問題を見つけてください。そうすれば、より良いなることがあります。

BONUS! ! ! CertJuken EDGE-Expertダンプの一部を無料でダウンロード：<https://drive.google.com/open?id=1U-Jt3OHqoWuBKx37MFtEFzeygk9qdLe>

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弊社のEDGE-Expert問題集は過去の試験のデータによって開発されて、最新のEDGE試験知識を含めています。あなたは試験を準備してEDGE-Expert試験を合格する必要があるなら、我々の問題集はあなたを助けることができます。我々の全面的で質高いEDGE-Expert問題集はあなたの時間と経済のコストを減少して、あなたの試験への合格を助けることができます。

>> EDGE EDGE-Expert日本語練習問題 <<

EDGE-Expert認定試験トレーリング、EDGE-Expert試験内容

CertJuken最高のEDGE-Expertテストトレントを提供する世界的なリーダーとして、私たちは大多数の消費者に包括的なサービスを提供し、統合サービスの構築に努めています。さらに、EDGE-Expert認定トレーニングアプリケーションのほか、インタラクティブな共有およびアフターサービスでブレークスルーを達成しました。実際問題として、当社EDGEはすべてのクライアントの適切なソリューションの問題を考慮しています。ヘルプが必要な場合は、EDGE-Expertガイドトレントに関するExcellence in Design for Greater Efficiencies (EDGE Expert) Exam問題に対処するための即時サポートを提供し、EDGE-Expert試験の合格を支援します。

EDGE Excellence in Design for Greater Efficiencies (EDGE Expert) Exam 認定 EDGE-Expert 試験問題 (Q38-Q43):

質問 #38

In EDGE software, occupancy sensors are used for controlling:

- A. Water taps.
- B. External lighting.
- C. Lighting.
- D. Air conditioners.

正解： C

解説：

Occupancy sensors in the EDGE software are part of energy efficiency measures aimed at reducing unnecessary energy use by

automating system operation based on occupant presence. The EDGE User Guide explicitly defines their application: "Occupancy sensors in EDGE are used for controlling lighting in internal areas, automatically turning lights off when spaces are unoccupied to reduce energy consumption. This measure, often listed as EEM23 - Occupancy Sensors for Lighting, can achieve significant savings in buildings with intermittent occupancy, such as offices or schools" (EDGE User Guide, Section 4.4: Lighting Efficiency Measures). Option A, lighting, directly matches this description, as occupancy sensors are primarily associated with lighting control in EDGE. Option B (water taps) is incorrect, as occupancy sensors are not used for water systems in EDGE: "Water taps may be controlled by sensors in some projects, but this is not a recognized measure in EDGE, which focuses on measures like low-flow fixtures for water savings" (EDGE User Guide, Section 5.2: Water Efficiency Measures). Option C (air conditioners) is also incorrect, as occupancy sensors for HVAC are not a standard measure in EDGE: "While occupancy sensors can theoretically control air conditioners, EDGE does not include this as a measure; HVAC efficiency is addressed through measures like variable speed drives or efficient chillers" (EDGE Methodology Report Version 2.0, Section 5.1: Energy Efficiency Metrics). Option D (external lighting) is not applicable, as EDGE specifies occupancy sensors for internal areas: "Occupancy sensors in EDGE are applied to internal lighting, not external lighting, which may use timers or photocells instead" (EDGE User Guide, Section 4.4: Lighting Efficiency Measures). The EDGE Methodology Report further confirms: "The energy savings from occupancy sensors in EDGE are calculated based on reduced lighting hours in internal spaces, reflecting typical usage patterns in commercial buildings" (EDGE Methodology Report Version 2.0, Section 5.4: Lighting Calculations).

Lighting Calculations). Thus, occupancy sensors are used for controlling lighting (Option A).

Reference:EDGE User Guide Version 2.1, Section 4.4: Lighting Efficiency Measures, Section 5.2: Water Efficiency Measures; EDGE Methodology Report Version 2.0, Section 5.1: Energy Efficiency Metrics, Section 5.4: Lighting Calculations.

質問 #39

For a project in a hot and dry climate with no air-conditioning system, which of the following will NOT have an impact on the occupants' thermal comfort?

- A. Solar photovoltaics
- B. Wall and roof insulation
- C. Ceiling fans
- D. Solar shading

正解: A

解説:

In a hot and dry climate without air-conditioning, thermal comfort relies on passive design strategies that reduce heat gain or improve air movement. The EDGE User Guide discusses passive measures for thermal comfort: "In hot climates without air-conditioning, thermal comfort can be improved through ceiling fans, which enhance air movement, solar shading, which reduces solar heat gain, and wall and roof insulation, which minimizes heat transfer into the building" (EDGE User Guide, Section 3.5: Passive Design Strategies).

Option A (ceiling fans) improves air movement, directly impacting thermal comfort: "Ceiling fans increase air speed, enhancing evaporative cooling on occupants' skin" (EDGE Methodology Report Version 2.0, Section 5.5: Thermal Comfort Measures).

Option B (solar shading) reduces heat gain, improving comfort: "External shading reduces solar radiation entering the building, lowering indoor temperatures" (EDGE User Guide, Section 3.5: Passive Design Strategies). Option C (wall and roof insulation) also enhances comfort by reducing heat transfer: "Insulation lowers the U-value of the building envelope, maintaining cooler indoor temperatures" (EDGE User Guide, Section 4.1: Insulation Measures). Option D (solar photovoltaics) generates electricity but does not directly affect thermal comfort in a building without air-conditioning. "Solar photovoltaics contribute to energy supply but do not directly influence indoor thermal comfort unless used to power cooling systems, which are absent in this scenario" (EDGE Methodology Report Version 2.0, Section 5.3: Energy Measures).

Thus, solar photovoltaics (Option D) will not impact thermal comfort in this context.

Reference:EDGE User Guide Version 2.1, Section 3.5: Passive Design Strategies, Section 4.1: Insulation Measures; EDGE Methodology Report Version 2.0, Section 5.5: Thermal Comfort Measures, Section 5.3: Energy Measures.

質問 #40

To claim efficiency measure Insulation for Cold Storage Envelope, which of the following documents is required as evidence at the preliminary certification stage?

- A. Calculations of Coefficient of Performance (COP)
- B. Purchase receipts showing the U-value specification of the cold storage envelope
- C. Drawing(s) showing the U-value specification of the cold storage envelope

- D. Manufacturer's data sheets for the HVAC system

正解: C

解説:

The preliminary certification stage requires specific documentation to verify the implementation of efficiency measures like Insulation for Cold Storage Envelope. The EDGE Certification Protocol outlines the evidence requirements: "For measures involving insulation, such as Insulation for Cold Storage Envelope, the Client must provide drawings at the preliminary certification stage that specify the U-value of the installed insulation to demonstrate compliance with the measure's requirements. The U-value must be lower than the Base Case to qualify for savings" (EDGE Certification Protocol, Section 3.2: Audit Requirements). Option C, drawings showing the U-value specification of the cold storage envelope, directly aligns with this requirement. Option A (calculations of Coefficient of Performance) is irrelevant, as COP applies to HVAC systems, not insulation:

"COP is used for chillers, not insulation measures" (EDGE User Guide, Section 4.2: Energy Efficiency Measures). Option B (manufacturer's data sheets for the HVAC system) is also unrelated, as the measure focuses on the envelope, not HVAC: "HVAC documentation is not required for insulation measures" (EDGE Certification Protocol, Section 3.2: Audit Requirements). Option D (purchase receipts showing the U-value) is more relevant at the post-construction stage: "Purchase receipts are typically required at the post-construction stage to confirm installation, while drawings suffice for design-stage verification" (EDGE Certification Protocol, Section 3.4: Post-Construction Requirements). Thus, drawings with U-value specifications (Option C) are required at preliminary certification.

Reference:EDGE Certification Protocol, Section 3.2: Audit Requirements, Section 3.4: Post-Construction Requirements; EDGE User Guide Version 2.1, Section 4.2: Energy Efficiency Measures.

質問 #41

In the EDGE certification system, who is responsible for the entire project including providing project documentation, access to the site, and the payment of audit and certification fees?

- A. Project Owner
- B. EDGE Auditor
- C. EDGE Certification Provider
- D. EDGE Expert

正解: A

解説:

The EDGE certification process assigns clear responsibilities to various stakeholders to ensure a smooth and accountable process. The EDGE Certification Protocol defines the role of the Project Owner (also referred to as the EDGE Client): "The Project Owner, as the EDGE Client, is responsible for the entire project within the EDGE certification system. This includes providing all necessary project documentation (e.g., drawings, specifications, and self-assessments), ensuring access to the site for audits, and paying the audit and certification fees as required by the Certification Provider" (EDGE Certification Protocol, Section 2.1: Roles and Responsibilities). Option C, Project Owner, directly aligns with this comprehensive responsibility. Option A (EDGE Expert) is incorrect, as the Expert's role is advisory: "The EDGE Expert provides consultancy services, assisting with documentation and measure selection, but the ultimate responsibility for submission and payment lies with the Project Owner" (EDGE Expert and Auditor Protocols, Section 2.1: Roles of EDGE Expert). Option B (EDGE Auditor) is also incorrect, as the Auditor's role is to verify compliance, not manage the project: "The EDGE Auditor conducts independent audits and is not responsible for project management, documentation provision, or fee payments" (EDGE Expert and Auditor Protocols, Section 2.2: Roles of EDGE Auditor). Option D (EDGE Certification Provider) is responsible for issuing certificates and overseeing the process, not managing the project: "The EDGE Certification Provider, such as GBCI, reviews the Auditor's recommendation and issues certificates, but does not manage the project or pay fees" (EDGE Certification Protocol, Section 3.3: Certification Decision). The EDGE User Guide further reinforces this:

"The Project Owner must coordinate all aspects of the certification process, ensuring documentation is complete, site access is granted for post-construction audits, and all fees are paid to the Certification Provider in a timely manner" (EDGE User Guide, Section 6.1: Project Preparation). This holistic responsibility makes the Project Owner (Option C) the correct answer.

Reference:EDGE Certification Protocol, Section 2.1: Roles and Responsibilities, Section 3.3: Certification Decision; EDGE Expert and Auditor Protocols, Section 2.1: Roles of EDGE Expert, Section 2.2: Roles of EDGE Auditor; EDGE User Guide Version 2.1, Section 6.1: Project Preparation.

質問 #42

Coefficient of Performance (COP) of the electrical chiller is defined as:

- A. Electrical output / electrical input.
- B. Thermal output / thermal input.
- **C. Thermal output / electrical input.**
- D. Electrical input / thermal output.

正解: C

解説:

The Coefficient of Performance (COP) is a critical metric in EDGE for assessing the energy efficiency of chillers, a common green building design element. The EDGE Methodology Report defines COP for electrical chillers: "The Coefficient of Performance (COP) of an electrical chiller is defined as the ratio of thermal output (cooling provided, measured in kW) to electrical input (power consumed, measured in kW). A higher COP indicates greater efficiency, as more cooling is produced per unit of electricity" (EDGE Methodology Report Version 2.0, Section 5.1: Energy Efficiency Metrics). Option B, thermal output / electrical input, matches this definition directly. Option A (thermal output / thermal input) is incorrect, as it applies to heat- driven systems like absorption chillers, not electrical ones. Option C (electrical input / thermal output) inverts the ratio, representing the inverse of COP. Option D (electrical output / electrical input) is irrelevant, as chillers produce thermal output, not electrical output. The EDGE User Guide reinforces this: "For air-cooled and water-cooled chillers, COP is calculated as thermal output divided by electrical input to evaluate energy efficiency" (EDGE User Guide, Section 4.2: Energy Efficiency Measures).

Reference:EDGE Methodology Report Version 2.0, Section 5.1: Energy Efficiency Metrics; EDGE User Guide Version 2.1, Section 4.2: Energy Efficiency Measures.

質問 #43

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変化する地域に対応するには、問題を解決する効率を改善する必要があります。これは、試験に対処するだけでなく、多くの側面を反映しています。EDGE-Expert実践教材は、あなたがそれを実現するのに役立ちます。これらの時間に敏感な試験の受験者にとって、重要なニュースで構成される高効率のEDGE-Expert実際のテストは、最高の助けになります。定期的にそれらを練習することによってのみ、あなたはあなたに明らかな進歩が起こったのを見るでしょう。

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正確的なEDGE-Expert日本語練習問題 & 合格スムーズEDGE-Expert認定試験トレーリング | 検証するEDGE-Expert試験内容 Excellence in Design for Greater Efficiencies (EDGE Expert) Exam

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