RVT_ELEC_01101リンクグローバル、RVT_ELEC_01101予想試験

もし君がAutodeskのRVT_ELEC_01101に参加すれば、良い学習のツルを選ぶすべきです。AutodeskのRVT_ELEC_01101認定試験はIT業界の中でとても重要な認証試験で、合格するために良い訓練方法で準備をしなければなりません。。

Xhs1991のトレーニング資料はあなたが試験の準備をしている知識をテストできて、一定の時間にあなたのパフォーマンスを評価することもできますから、あなたの成績と弱点を指示して、弱い点を改善して差し上げます。Xhs1991のAutodeskのRVT_ELEC_01101試験トレーニング資料はさまざまなコアロジックのテーマを紹介します。そうしたら知識を習得するだけでなく、色々な技術と科目も理解できます。我々のトレーニング資料は実践の検証に合格したもので、資料の問題集が全面的で、価格が手頃ということを保証します。

>> RVT_ELEC_01101リンクグローバル <<

高品質なRVT_ELEC_01101リンクグローバル & 合格スムーズRVT_ELEC_01101予想試験 | 一番優秀なRVT_ELEC_01101復習内容

お客様の暇が少ないので、勉強する時間が少ないことを考えています。RVT_ELEC_01101試験資料は便利で、覚えやすいです。また、もう一つの特徴は時間を節約することです。つまり、RVT_ELEC_01101試験資料を短い時間で勉強すると、RVT_ELEC_01101試験を受けることができます。大切なのはRVT_ELEC_01101試験資料の的中率が高いです。

Autodesk RVT_ELEC_01101 認定試験の出題範囲：

トピック	出題範囲

トピック 1	• Documentation: This section of the exam measures the skills of Revit Technicians and covers manipulating views, templates, and schedules to produce accurate documentation. It includes managing panel schedules, creating various view types such as legends, callouts, and 3D views, and applying phasing and revision management. Candidates are also tested on annotation tools, including tags, keynotes, and note blocks, to ensure clarity and consistency in project documentation.
トピック 2	• Modeling: This section of the exam measures the skills of Electrical Designers and covers creating and managing electrical elements within Revit. It includes adding electrical equipment such as panelboards and transformers, configuring circuits and low-voltage systems, and using the System Browser for navigation. Candidates must also demonstrate the ability to model connecting geometry, including conduits, cable trays, and wiring, with appropriate settings and fittings.
トピック 3	• Collaboration: This section of the exam measures the skills of Project Coordinators and covers collaboration workflows in Revit. It includes working with imported and linked files, managing worksharing concepts, and using interference checks. Candidates are also evaluated on data coordination through copy • monitor tools, exporting to different formats, managing design options, and transferring project standards to ensure effective teamwork in shared environments.
トピック 4	• Analysis: This section of the exam measures the skills of Electrical Engineers and focuses on performing analytical tasks in Revit. It includes conducting load calculations, conceptual lighting analysis, and configuring electrical settings for load classifications and demand factors. Candidates must show the ability to use Revit's analysis tools to ensure proper electrical design performance and energy efficiency.
トピック 5	• Families: This section of the exam measures the skills of BIM Modelers and focuses on creating and editing Revit families. It includes defining MEP connectors, understanding system and component family types, configuring family categories, and setting up light sources. The section also assesses parameter creation, annotation family setup, and controlling element visibility to ensure effective customization and reuse across electrical projects.

Autodesk Certified Professional in Revit for Electrical Design 認定 RVT_ELEC_01101 試験問題 (Q56-Q61):

質問 # 56
An electrical designer is routing conduit through a building model to coordinate with other disciplines, the electrical designer wants to view selected components in a cropped 3D view.
With the conduit components selected, which tool should the designer use?

- A. Scope Box
- B. Default 3D View
- C. Selection Box
- D. Section Box

正解：C

解説：
In Revit Electrical Design, the Selection Box tool is used to quickly isolate and display selected components in a cropped 3D view.
When an electrical designer selects conduits or devices in a model and chooses Selection Box from the Modify tab, Revit automatically generates a 3D view bounded tightly around the selected elements, helping coordinate routing in confined or congested spaces.
According to the Revit MEP User's Guide under "Creating 3D Views":
"Use the Selection Box tool to create a 3D view that isolates selected elements. Revit automatically crops the view extents to the selected geometry." This feature is critical in multidisciplinary coordination because it allows the electrical designer to review specific conduits, cable trays, or lighting paths in context without manually adjusting view boundaries.
In contrast:
Default 3D View (Option B) shows the entire model.
Scope Box (Option C) controls view extents in 2D views or view templates, not instant isolation.
Section Box (Option D) is manually adjusted within an existing 3D view but does not automatically generate a cropped view around selected elements.

Therefore, the Selection Box is the correct and most efficient tool for this task.
References:
Autodesk Revit MEP User's Guide - Chapter 47 "Creating and Managing 3D Views," pp. 1108-1111 Smithsonian Facilities Revit Template User's Guide - Section 3.6 "Egress Routes and Coordination Views," p. 40 Autodesk Revit Electrical Design Essentials - 3D Visualization and Coordination Techniques

質問 # 57
Which Revit command is used to map a Keynote Table file?

- A. Element Keynote
- B. Keynote Legend
- C. Keynote Manager
- D. Keynoting Settings

正解： D

解説：
The correct command in Revit used to map (assign or browse to) a Keynote Table file is Keynoting Settings.
In Revit, keynotes are driven by an external keynote table, typically a tab-delimited TXT file that must be assigned (mapped) in the project so keynote tags can read values correctly. The official Autodesk Revit MEP documentation clearly identifies that the Keynoting Settings dialog is where this mapping is performed.
From the documentation:
To access the Keynoting Settings dialog, the instructions state:
"click Annotate tab ➤ Tag panel drop-down ➤ (Keynoting Settings)."
Regarding keynote table file location mapping:
"Keynote Table - Full Path displays the entire path of the keynote file... Saved Path displays the file name of the keynote file that is loaded." It goes further to explain file path types:
"Absolute identifies a specific folder... Relative finds the keynote file where the project file... is located... At Library Locations finds the keynote file where the stand-alone installation or network deployment specified." The command is explicitly referenced again when fixing a missing mapping:
"Unable to Load Keynote data. Check keynote table locations in Keynoting Settings."
"To specify the location of the keynote text file... click (Keynoting Settings)." Other listed options do not perform keynote file mapping:
Keynote Manager does not exist as a command in native Revit.
Element Keynote is a tagging method.
Keynote Legend only displays already-mapped keynote information.

質問 # 58
Refer to exhibit.
(The Image is presented in Imperial units: 1 In = 25 mm [Metric units rounded).)
What is the electrical designer trying to do as shown in the exhibit?

- A. Array Conduit
- B. Place Parallel Conduits
- C. Add Cable Tray
- D. Place Multiple Pipe

正解： B

解説：
The exhibit shown in the image is taken directly from the Revit MEP Electrical Systems workspace, specifically from the Parallel Conduits command interface. This dialog box appears when the designer activates the Place Parallel Conduits tool in the Systems tab → Electrical panel → Conduit dropdown → Parallel Conduits.
In this interface, the designer can specify:
Horizontal Number / Offset - defines how many conduits will be created horizontally and their spacing.
Vertical Number / Offset - defines how many conduits will be created vertically and their spacing.
Bend Radius Options:
Same Bend Radius - all conduits use identical bend radii.
Concentric Bend Radius - conduits bend concentrically around a common center point.

According to Autodesk's Revit MEP 2011 User's Guide (Chapter 18, Electrical Systems - Conduit Layout):
"The Parallel Conduits tool allows you to create multiple conduits side-by-side at the same time.
You can specify the number of conduits horizontally and vertically, as well as the offset between them.
You can also define whether bends have the same bend radius or concentric bend radii."
- Revit MEP User's Guide, Electrical Systems, Section: Conduit Layout
This tool is used when electrical designers need to route groups of conduits that run in parallel-such as power and data conduits running between panels or equipment racks.
The Concentric Bend Radius option (as shown in the exhibit) ensures all conduit bends share a common center, which is critical for maintaining uniformity in conduit sweeps and avoiding clashes during coordination.
Therefore:
A . Add Cable Tray - incorrect; the cable tray tool is separate and does not use bend radius options.
C . Array Conduit - incorrect; arraying is a different geometric function not specific to conduit routing.
D . Place Multiple Pipe - incorrect; applies to mechanical piping systems, not electrical conduits.
The display of Concentric Bend Radius, Horizontal Number, Vertical Number, and Offset confirms that the designer is using the Parallel Conduit placement tool.
Verified Reference Extracts from Revit Electrical Design Documentation:
Autodesk Revit MEP User's Guide (2011) - Electrical Systems → Conduit Layout → "Parallel Conduits Tool" description.
Autodesk Revit MEP Training Curriculum - Electrical Module, Exercise 6.3 "Placing Parallel Conduits," which illustrates the same interface for bend radius configuration.

質問 # 59
An electrical designer needs to add spaces to a model displaying the architectural room name and number. What should the designer do before creating the spaces?

- A. Change the architectural model display settings to By Host View,
- B. Select Room Bounding from the architectural link's type properties.
- C. Use Transfer Project Standards to Import rooms from the architectural model.
- D. Select Save Positions for the architectural links in the Manage Links dialog.

正解：B

解説：
Before placing spaces in an MEP model that should reflect architectural room names and numbers, the linked architectural model must be set to Room Bounding. This ensures that Revit recognizes the architectural walls and room boundaries, allowing the spaces to reference and display room information correctly.
As the Revit MEP documentation explains:
"Turns on the Room Bounding parameter for the linked model. This step ensures that the Revit MEP project recognizes room-bounding elements in the Revit Architecture project."
"The spaces use the room boundaries defined by the Revit Architecture project." Additionally, the section Using Room Boundaries in a Linked Model details the procedure:
"In a plan view of the host project, select the linked model symbol → Click Modify | RVT Links tab ➤ Properties panel ➤ (Type Properties). In the Type Properties dialog, select Room Bounding." Once this setting is enabled, Revit MEP automatically detects the architectural rooms, enabling the designer to place spaces that inherit the architectural room name and number.

質問 # 60
Exhibit.
An electrical designer is working within a workshared electrical model The designer reloads the linked architectural model and receives the message as shown in the exhibit What does this message indicate?

- A. An elements host within the architectural model has changed.
- B. A monitored element in the architectural model has changed.
- C. There is a new interference with the architectural model.
- D. There is a new coordination message within the architectural model.

正解：B

解説：
The warning message shown - "Instance of link needs Coordination Review" - appears when Revit detects a modification in a

monitored element within a linked model, typically during a coordination workflow between architectural and MEP (electrical, mechanical, plumbing) disciplines.
According to the Revit MEP User's Guide (Chapter 46 "Copy/Monitor and Coordination Review"):
"When a monitored element changes in the linked model, Revit displays a warning message indicating that the instance of the link needs Coordination Review. You can use the Coordination Review tool to accept, reject, or postpone the change." This mechanism ensures synchronization between linked models. For example, if the architectural ceiling or wall that hosts electrical elements (such as lighting fixtures or devices) is modified, moved, or deleted, Revit triggers this alert in the workshared MEP model.
The Smithsonian Facilities Template Guide further emphasizes:
"Coordination Review identifies monitored elements whose hosts or geometry have changed in a linked model. The designer must review these to maintain design consistency." Hence, the warning does not indicate a clash or interference (Option A), nor a coordination message created manually in the architectural model (Option B), but specifically a change in a monitored element in the linked architectural model (Option D).
References:
Autodesk Revit MEP User's Guide - Chapter 46 "Copy/Monitor and Coordination Review," pp. 1084-1088 Smithsonian Facilities Revit Template User's Guide - Section 3.4 "Coordination Views," p. 86 Autodesk Revit Electrical Design Essentials - Coordination Workflows and Monitoring Elements

質問 # 61
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ウンロードしてくださいRVT_ELEC_01101復習テキスト

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