新版RVT_ELEC_01101題庫 - RVT_ELEC_01101新版題庫上線


Question No : 1
An electrical designer is adding lights to a project model. The ceiling grids are located in a linked Revit model.
How are these lights affected if the grid patterns move?
A. The lights do not move with the pattern but will stay associated with the ceiling if hosted.
B. The lights move with the pattern if they are alignment-locked to the ceiling and hosted.
C. The lights do not follow grid pattern movement unless they are non-hosted.
D. The lights move with the pattern if they are defined as ceiling-hosted types.
Question No : 2
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. Select Room Bounding from the architectural link's type properties.
B. Change the architectural model display settings to By Host View.
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.

P.S. KaoGuTi在Google Drive上分享了免費的2026 Autodesk RVT_ELEC_01101考試題庫：https://drive.google.com/open?id=1ZWSEZf-rSrKHmLr4JBeguYagRABNwGh4

我們KaoGuTi Autodesk的RVT_ELEC_01101考題按照相同的教學大綱，其次是實際的RVT_ELEC_01101認證考試，我們也在不斷升級我們的培訓資料，使你在第一時間得到最好和最新的資訊。當你購買我們RVT_ELEC_01101的考試培訓材料，你所得到的培訓資料有長達一年的免費更新期，你可以隨時延長更新訂閱時間，讓你有更久的時間來準備考試。

KaoGuTi 的 RVT_ELEC_01101 擬真試題覆蓋了真實的 Autodesk 考試指南，並根據其編定適合全球考生都能通用的題庫，讓每一位考生都能順利通過考試。IT人員想要在業內有所成就，選對IT認證是關鍵，雖然獲取認證需要投入額外的時間與金錢，但事實證明IT認證的投入產出是值得的，對於未來的職業發展非常有利。據業內人士介紹，RVT_ELEC_01101 公司推出的 Autodesk 考題發生了變化，請各位 Autodesk 的 RVT_ELEC_01101 考生注意一下，不過也不必太著急。

>> 新版RVT_ELEC_01101題庫 <<

最新的RVT_ELEC_01101學習資料

在你還在猶豫選擇我們KaoGuTi之前，你可以先嘗試在我們KaoGuTi免費下載我們為你提供的關於Autodesk RVT_ELEC_01101認證考試的部分考題及答案。這樣，你就可以知道我們KaoGuTi的可靠性。我們KaoGuTi也會是你通過Autodesk RVT_ELEC_01101認證考試最好的選擇，我們KaoGuTi是你通過Autodesk RVT_ELEC_01101認證考試最好的保證。你選擇了我們KaoGuTi，就等於選擇了成功。

Autodesk RVT_ELEC_01101 考試大綱：

主題	簡介
主題 1	• 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.
主題 2	• 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.

主題 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.
主題 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.
主題 5	• 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.

最新的 Autodesk Certified Professional RVT_ELEC_01101 免費考試真題 (Q61-Q66):

問題 #61
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. Use Transfer Project Standards to Import rooms from the architectural model.
- B. Change the architectural model display settings to By Host View,
- C. Select Room Bounding from the architectural link's type properties.
- D. Select Save Positions for the architectural links in the Manage Links dialog.

答案：C

解題說明：
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.

問題 #62
Refer to exhibit.
The exhibit is a lighting fixture family in the Family Editor environment and the light source is selected.
An electrical designer has downloaded a photometric web tile in IES format from a manufacturer's website for use within this lighting fixture family.
Define the light source's Emit Shape and Light Distribution for use with the photometric web (IES) file. (Select two in the answer area.)

答案：

解題說明：

問題 #63
Refer to exhibit.
An electrical designer expects the total connected load on the switchboard to be 4000VA. but Revit Indicates a total connected load of 3606VA. What Is the cause of the discrepancy?

- A. Sum true load and reactive load is selected in Electrical Settings.
- B. The Motor demand factor is configured to adjust the connected load.
- C. Load is connected through the switchboard's feed through lugs.
- D. The connected loads are set to a different voltage than the switchboard.

答案：B

解題說明：
In the exhibit, the designer expects the total connected load to equal the sum of the 4 motor loads:
4 motors × 1000 VA each = 4000 VA expected
However, Revit is showing a Total Connected Load of 3606 VA instead.
This difference occurs because Revit applies Motor Demand Factors automatically when a load classification is set to "Motor."
Demand factors modify the total connected load based on electrical engineering rules.
Revit documentation confirms:
"Assign demand factors to load classifications."
"Demand loads can be shown on panel schedules."
In the exhibit, the Load Classification shows Motor with a Demand Factor of 117.87%, which modifies the connected load values in the switchboard totals.
Revit is therefore calculating the effective connected load based on the applied demand factor, not a simple arithmetic sum. That is why the panel's connected load number ≠ 4000 VA.

問題 #64
Refer to exhibit.
Why is Synchronize with Central disabled?
After enabling collaboration for a project, an electrical designer observes the ribbon.

- A. The designer has unrelinquished elements.
- B. The designer is working in the central model.
- C. The designer has unresolved editing requests.
- D. The central model is unavailable or not found.

答案：B

解題說明：
In Autodesk Revit, the Collaborate tab provides the tools necessary for managing multi-user worksharing environments. The Synchronize with Central command allows users to save their local changes back to the central model. However, this command becomes disabled under certain conditions - most notably when the user is currently working directly within the central file rather than a local copy.
The Autodesk Revit User's Guide - Worksharing and Collaboration section clearly explains this behavior:
"When you open the central file directly, the Synchronize with Central option is unavailable because all edits are already in the central file. Worksharing operations such as borrowing, relinquishing, or synchronization only apply to local copies created from the central model." This rule ensures that the integrity of the central model is preserved and that no user directly edits or synchronizes within it, preventing potential file corruption. In normal collaborative workflows, users open local copies of the central model. The local files maintain an editable subset of elements while allowing synchronization and relinquishing operations.
Thus, the disabled Synchronize with Central button (as shown in the exhibit) indicates that the designer is currently in the central model, not a local copy. Since synchronization is unnecessary in this state - all changes are automatically applied to the central file - the command is grayed out.

問題 #65
Refer to exhibit.
An electrical designer is reviewing the Type Properties for a floor plan view. How will the view behove when creating a new floor plan?

- A. When duplicating a floor plan view of any type, the Electrical Plan view template will be assigned to the new floor plan view.
- B. Creating a new floor plan view using the Floor Plan tool with the Floor Plan type selected will create a new Electrical Plan view template.
- C. The Electrical Plan view template will be assigned to a new floor plan view created with the Floor Plan tool with the Floor Plan type selected
- D. A new floor plan view created by duplicating a floor plan view of the Floor Plan type will be duplicated as a dependent view.

答案：C

解題說明：
The exhibit shown displays the Type Properties dialog box for a System Family: Floor Plan view type. Within the "Identity Data" group, there are two critical parameters that govern the behavior of new views created from this view type:
"View Template applied to new views"
"New views are dependent on template"
According to Autodesk Revit's documentation in the Revit MEP User's Guide (Chapter 48 "Views and View Templates" and Chapter 49 "Preparing Construction Documents"):
"When a view template is assigned to a view type through the Type Properties dialog, any new view created from that view type automatically receives the defined view template. This ensures consistent visibility, graphics, and discipline settings for all new views."
In this image, the parameter "View Template applied to new views" is set to Electrical Plan, and "New views are dependent on template" is checked. This means that any new floor plan created using this type will automatically have the Electrical Plan template applied, and the view will be dependent on that template, meaning it inherits all its visibility and annotation control settings.
This ensures that all electrical floor plan views generated are standardized and visually consistent, a fundamental practice in Revit Electrical Design workflows, as described in the Smithsonian Facilities Revit Template User's Guide:
"Assigning a default view template to a view type (e.g., Electrical Plan) ensures every new view created follows organizational and graphical standards without manual setup." Option A matches this behavior exactly.
Option B is incorrect** because Revit does not create a new template automatically.
Option C is incorrect** because duplication of an existing view does not reassign templates by type.
Option D is incorrect** because dependent view creation requires a specific "Duplicate as Dependent" command, not this setting.
References:
Autodesk Revit MEP User's Guide - Chapter 48 "Views and View Templates," pp. 1112-1115 Smithsonian Facilities Revit Template User's Guide - Section 2.8.1 "View Types and View Templates," p. 30 Autodesk Revit Electrical Design Essentials - View Template Application and Management Section

問題 #66
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