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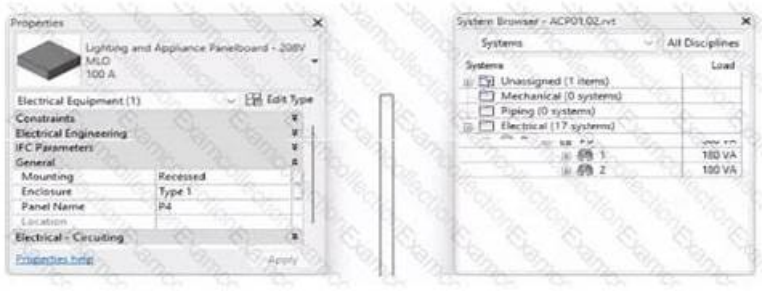

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Autodesk certification RVT_ELEC_01101 exam has become a very popular test in the IT industry, but in order to pass the exam you need to spend a lot of time and effort to master relevant IT professional knowledge. In such a time is so precious society, time is money. TestkingPass provide a training scheme for Autodesk Certification RVT_ELEC_01101 Exam, which only needs 20 hours to complete and can help you well consolidate the related IT professional knowledge to let you have a good preparation for your first time to participate in Autodesk certification RVT_ELEC_01101 exam.

Autodesk RVT_ELEC_01101 Exam Syllabus Topics:

Topic	Details
Topic 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.
Topic 2	• 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.
Topic 3	• 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.
Topic 4	• 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.
Topic 5	• 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.

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The proper answer to your questions is TestkingPass. When studying for the Autodesk Certified Professional in Revit for Electrical Design (RVT_ELEC_01101) certification exam, TestkingPass is one of the most helpful resources. TestkingPass guarantees success on the first try by providing you with actual Autodesk Certified Professional in Revit for Electrical Design (RVT_ELEC_01101) exam questions in PDF, desktop practice exam software, and a web-based practice exam.

Autodesk Certified Professional in Revit for Electrical Design Sample Questions (Q14-Q19):

NEW QUESTION # 14
Refer to exhibit.
An electrical designer wants to report Breaker Type for each breaker in a panel schedule. The designer adds a column to the schedule as shown (and highlighted) in the image.
Which type of parameter should the designer create to add to the column?

- A. A Project Parameter assigned to Electrical Equipment.
- B. A Shared Parameter in the Electrical Fixture families.
- C. A Project Parameter assigned to Electrical Circuits.
- D. A Shored Parameter in the Electrical Equipment families.

Answer: C

Explanation:
In Autodesk Revit Electrical Design, panel schedules display data that originates from the Electrical Circuits category, not directly from the Electrical Equipment or Electrical Fixtures families. Each circuit in a panel schedule represents an instance of an Electrical Circuit object within Revit's system-based MEP structure. Therefore, to add an additional field like Breaker Type, the parameter must be created and assigned specifically to the Electrical Circuits category.
According to the Revit MEP User's Guide - Chapter 50 "Electrical Systems and Panel Schedules":
"Panel schedules display parameters that are associated with electrical circuits, including load names, rating, poles, and breaker information. To include additional circuit information in a panel schedule, create a Project Parameter assigned to the Electrical Circuits category." This means the designer should:
Open Manage → Project Parameters Add
Create a Project Parameter named Breaker Type
Assign it to the Electrical Circuits category
Set it to appear in schedules and tags, ensuring it becomes available for use in the panel schedule template As noted in the Smithsonian Facilities Revit Template User's Guide:
"Custom circuit data fields such as 'Breaker Type' or 'Wire Tag' are defined as project parameters applied to the Electrical Circuits category so they can be displayed in panel schedule templates." Incorrect options:
A . Shared Parameter in Electrical Equipment - Electrical Equipment holds overall panel data (e.g., Mains Rating, Voltage) but not per-circuit data.
B . Shared Parameter in Electrical Fixture families - Fixtures are individual load devices, not part of the circuit's breaker assignment.
D . Project Parameter assigned to Electrical Equipment - would apply to the panelboard as a whole, not to individual breakers in circuits.
Thus, the correct answer is C. Project Parameter assigned to Electrical Circuits, ensuring each breaker in the panel schedule can display its type individually and dynamically.
References:
Autodesk Revit MEP User's Guide - Chapter 50 "Electrical Systems and Panel Schedules," pp. 1134-1142 Smithsonian Facilities Revit Template User's Guide - Section 8.7 "Electrical Panel Schedule Customization," p. 91 Autodesk Revit Electrical Design Essentials - "Custom Circuit Parameters and Schedule Configuration"

NEW QUESTION # 15
An electrical designer is trying to adjust the scale of a view. All icons on the View Control Bar are dimmed (not enabled). How should the designer make the view scale editable only for this view?

- A. Duplicate the view with Detailing.
- B. Edit the assigned view template.
- C. Right-click on the scale and select <Activate>.
- D. Set the view template to <None>

Answer: D

Explanation:
When all icons on the View Control Bar are dimmed (disabled), including the View Scale, it typically means the view is being controlled by a View Template. View templates apply standardized settings-such as scale, discipline, detail level, and more-across multiple views to ensure consistency. However, these templates can lock certain parameters, including the view scale, preventing manual changes.
According to Revit Electrical Design standards:
"If a view is governed by a View Template, properties such as view scale may be locked and appear dimmed in the View Control Bar. To regain control and allow changes like adjusting the view scale, the view template must be removed. This is done by setting the View Template to <None> in the Properties Palette." Steps:
Select the view in question.
Open the Properties Palette.
Locate the View Template parameter.
Set it to <None>.
Now the View Control Bar becomes active and the scale can be changed freely.
Clarification of Other Options:
B (Edit the assigned view template): Changes apply to all views using that template, not just the one.
C (Duplicate the view with Detailing): Creates a copy but doesn't resolve template restrictions.
D (Right-click on the scale and select <Activate>): This is not a valid method in Revit.
Reference:
This explanation aligns with the View Template behavior documented in Revit MEP and Electrical modeling workflows.

NEW QUESTION # 16
Refer to the exhibit.

- A. Properties > Edit Type > Single Line Symbology
- B. Object Styles > Conduits > Rise/Drop > Single Line Symbology
- C. Electrical Settings > Conduit Settings > Rise Drop > Single Line Symbology
- D. Project Browser > Conduits > Conduits with Fittings > Single Line Symbology

Answer: A

Explanation:
In Autodesk Revit MEP, conduit systems can be represented in plan views using either detailed or single-line symbology. The Single Line Symbology display setting is used for schematic or simplified representations - often in electrical riser or distribution diagrams.
The setting that controls whether conduits display in single-line or detailed form is found in the Type Properties of the conduit family, not in Object Styles or Electrical Settings. Specifically, it is accessed by selecting a conduit in the model and navigating to:
Properties Palette → Edit Type → Single Line Symbology
From there, users can define how fittings, rise/drop symbols, and conduits themselves are represented in single-line schematic mode. Adjusting this type parameter affects the graphical display for that conduit type throughout all applicable views where single-line graphics are used.
According to the Autodesk Revit MEP User's Guide (Electrical Systems → Conduit Systems section):
"The conduit type properties define the graphical representation in single-line drawings. By editing the Single Line Symbology in the Type Properties dialog, designers control how the conduit and fittings appear in plan views." This parameter is especially important in electrical documentation where simplified representations are required for coordination and electrical diagrams.

NEW QUESTION # 17
An electrical designer has created a family and loaded It Into the project. The designer wants to connect the family to a power circuit but the Power icon is not available when the family Is selected.
How should the designer fix the problem?

- A. Set the distribution system for the family.
- B. Change the Voltage parameter value to non-zero.
- C. Set the family parameter to Shared.
- D. Add an electrical connector to the family.

Answer: D

NEW QUESTION # 18
An electrical designer has created a family and loaded It Into the project. The designer wants to connect the family to a power circuit but the Power icon is not available when the family Is selected.
How should the designer fix the problem?

- A. Set the distribution system for the family.
- B. Change the Voltage parameter value to non-zero.
- C. Set the family parameter to Shared.
- D. Add an electrical connector to the family.

Answer: D

Explanation:
In Revit Electrical Design, for a loadable family (such as electrical equipment, lighting fixtures, or devices) to connect to a power circuit, it must include an electrical connector defined in the Family Editor.
According to the Autodesk Revit MEP User's Guide (Chapter 17 - Electrical Systems):
"For an electrical family to participate in a circuit, the family must contain an electrical connector. The connector defines the relationship between the component and the electrical system. Without a connector, Revit cannot establish a power connection, and the Power tool will not be available."
- Revit MEP User's Guide, Electrical Systems - Creating Electrical Families The connector type determines what kind of system (Power, Data, Communication, etc.) the family can join. When the electrical connector is not added, Revit cannot recognize the family as part of an electrical system, and thus the Power icon is grayed out or unavailable.
Incorrect Options:
A . Set the distribution system for the family - only available after a connector is added.
B . Set the family parameter to Shared - allows tagging or scheduling across projects but does not affect connectivity.
C . Change the Voltage parameter value - affects circuit data but not connection availability.
Therefore, the issue is resolved only by adding an electrical connector in the Family Editor.
Verified References:
Autodesk Revit MEP User's Guide (2011) - Electrical Systems → Creating Electrical Families → Adding Connectors Revit Electrical Design Fundamentals Workbook - "Electrical connectors define the interface between components and electrical systems."

NEW QUESTION # 19
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