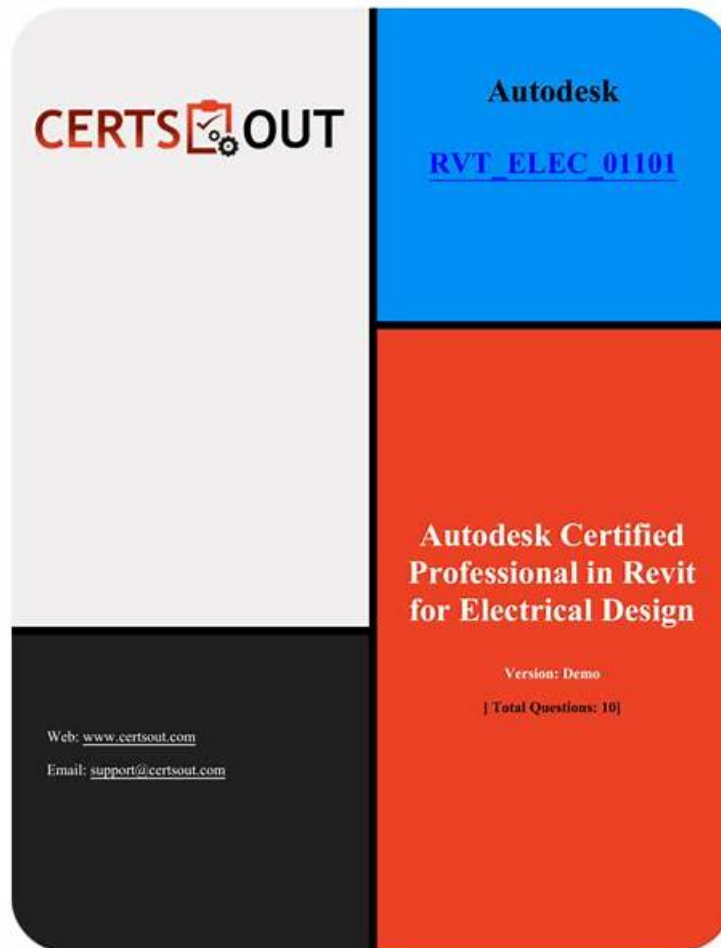


# Autodesk RVT\_ELEC\_01101試験勉強書: Autodesk Certified Professional in Revit for Electrical Design - JPTestKingサンプルダウンロード無料



RVT\_ELEC\_01101試験問題は正式に認定されています。私たちAutodeskの目標は、効率的な学習スタイルで、Autodesk Certified Professional in Revit for Electrical Design関連するRVT\_ELEC\_01101試験に合格できるようにすることです。RVT\_ELEC\_01101トレーニング資料の品質と手頃な価格により、当社の競争力は常に世界のリーダーです。RVT\_ELEC\_01101学習教材は、他のトレーニング教材よりも高い合格率を持っているため、完全な結果を得ることができると確信しています。RVT\_ELEC\_01101試験問題を使用すると、JPTestKing成功が保証されます。

今日の社会では、能力を高めるために証明書を取得することを優先する人がますます増えています。Autodeskまったく新しい観点から、JPTestKingのRVT\_ELEC\_01101学習資料は、RVT\_ELEC\_01101認定の取得を目指すほとんどのオフィスワーカーに役立つように設計されています。当社のRVT\_ELEC\_01101テストガイドは、現代の人材開発に歩調を合わせ、すべての学習者を社会のニーズに適合させます。Autodesk Certified Professional in Revit for Electrical Designの最新の質問が、関連する知識の蓄積と能力強化のための最初の選択肢になることは間違いありません。

>> RVT\_ELEC\_01101試験勉強書 <<

## RVT\_ELEC\_01101日本語復習赤本、RVT\_ELEC\_01101学習教材

努力する人生と努力しない人生は全然違いますので、あなたはのんびりした生活だけを楽しみしていき、更なる進歩を求めるのではないかと、我々AutodeskのRVT\_ELEC\_01101試験問題集をピッ

クアッします。弊社のRVT\_ELEC\_01101試験問題集によって、あなたの心と精神の満足度を向上させながら、勉強した後RVT\_ELEC\_01101試験資格認定書を受け取って努力する人生は素晴らしいことであると認識られます。

## Autodesk Certified Professional in Revit for Electrical Design 認定 RVT\_ELEC\_01101 試験問題 (Q45-Q50):

### 質問 # 45

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

正解: C

解説:

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.

### 質問 # 46

An electrical designer is creating an electrical equipment family which will host conduit that can be modeled from any point on a specific side of the equipment. How should this be accomplished?

- **A. Click Conduit Connector click Surface Connector, and then select the desired face.**
- B. Click Conduit Connector, click Individual Connector, and then select the desired reference plane.
- C. Select the conduit connector and edit the connector dimensions
- D. Select the conduit connector and edit the connector type in the Properties palette

正解: A

解説:

To allow conduit to be modeled from any point on a specific side of the electrical equipment, the most accurate method is to use the "Surface Connector". This method enables the designer to place a surface-based conduit connector on a specific face of the equipment family. Here's how the process is explained:

"To place a conduit connector on the surface of a family component so that the conduit can start from anywhere on that surface, use the Surface Connector option. This connector attaches to the selected face of the equipment, allowing conduit to be drawn directly from any point on the selected face in the project environment."

"Click Conduit Connector, then choose Surface Connector, and select the face where the conduit should connect. This gives flexibility in modeling, especially for equipment requiring multiple connection points across a single face or allowing freedom of routing." This process is especially beneficial in custom electrical equipment families where conduits must originate from arbitrary points along a flat side-ensuring both parametric flexibility and coordination ease within the project environment.

In contrast:

Option A refers to editing connector dimensions, which does not affect the connector's ability to accept connections from any surface point.

Option B uses Individual Connector which limits the connection to a specific point, not the whole face.

Option D refers to changing connector type in the Properties palette, which doesn't impact connector location or coverage on a face.

Reference:

Extracted from standard family creation documentation and Revit MEP best practices outlined in electrical family modeling sections.

#### 質問 # 47

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

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

正解: C

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 # 48

Refer to exhibit.

□ An electrical designer wants to place electrical equipment on the pad.  
How should the component be aligned to the pad before placement?

- A. Place the cursor over an edge of the object and then press Spacebar.
- B. Start the Align tool. tab to select the object edge, and then select the equipment edge.
- C. Start the Align tool and select the edges to be aligned.
- D. Place the cursor anywhere over the object and then press Spacebar.

正解: A

解説:

In Autodesk Revit, when placing electrical equipment such as transformers, disconnects, or switchboards onto a pad or foundation, precise alignment is essential for accurate coordination with architectural and structural elements. During component placement, Revit provides an intuitive way to align an object before final placement using the Spacebar in combination with the object's edges.

When the cursor is hovered over an edge of the component (not just anywhere on it) and the Spacebar is pressed, Revit cycles the component's orientation, rotating it 90 degrees around its insertion point each time. This technique allows the designer to visually align the equipment's orientation with the pad or architectural geometry before clicking to place it.

According to the Autodesk Revit MEP User's Guide under "Placing and Modifying Components":

"While placing a component, move the cursor over an edge and press the Spacebar to rotate the element incrementally. This method helps align electrical or mechanical equipment with nearby reference geometry before placement." This method is ideal for electrical designers positioning pad-mounted equipment, ensuring that components such as transformers or switchgear are oriented precisely to site geometry, conduit routes, or building walls.

#### 質問 # 49

Refer to exhibit.

A portion of an electrical fixture family's Type Properties is shown in the exhibit.

Because of the value of the Type Parameter Load Classification, an electrical designer expects the fixture's Load Classification to display as "Receptacle" when circuited. Instead, it displays as "Other".

What should the designer do to make the circuited fixture's Load Classification always match the family's Type Parameter?

- A. Edit the family. Delete the power connector and place a new power connector. Parameter associations will be made automatically. Reload the family into the project.
- **B. Edit the family. Associate the power connector's Load Classification with the family parameter. Reload the family into the project.**
- C. Edit the fixture Instance in the System Browser. In the Load Classification column, associate the fixture's Load Classification to the family parameter.
- D. Edit the family. Change the power connector's Load Classification to "Receptacle". Reload the family into the project.

正解: B

解説:

In Autodesk Revit Electrical Design, each electrical family (such as a receptacle, lighting fixture, or equipment) can contain one or more connectors that define how it interacts with the electrical system. The Load Classification parameter determines how the connected load is categorized in electrical schedules and load calculations (e.g., Lighting, Power, Receptacle, Other).

When a family's Type Parameter Load Classification does not display correctly (e.g., it shows "Other" instead of "Receptacle" after being circuited), the issue lies in the power connector's internal parameter not being linked to the family-level "Load Classification" parameter. Revit uses the connector's classification to determine the load type when it is connected to a circuit - if the connector isn't associated, the classification defaults to "Other." According to the Autodesk Revit MEP User's Guide (Chapter: Electrical Systems - Creating Electrical Families), it specifies:

"To control how a component reports its connected load type, associate the power connector's Load Classification parameter with a corresponding Family Parameter. This ensures the load classification in the circuit matches the family definition, rather than defaulting to 'Other.' To correct existing families, edit the family in Family Editor, select the connector, and associate its Load Classification parameter with the family's Load Classification type parameter. Then reload the family into the project." This confirms that the correct approach is to edit the family and create or link the Load Classification parameter to the connector's Load Classification field. Merely changing the connector value (option C) won't ensure dynamic synchronization between the family type and circuit. Deleting and re-adding the connector (option B) won't automatically create that link. Option D (editing through the System Browser) modifies instance-level data, not family associations.

Hence, the correct and permanent fix is:

Open the family in the Family Editor.

Select the power connector.

In the Properties palette, click the small Associate Family Parameter button ( ) next to Load Classification.

Link it to the family's Load Classification parameter.

Save and reload the family into the project.

References:

Autodesk Revit MEP 2011 User's Guide, Chapter 53: Creating Electrical Families, pp. 1254-1257.

Smithsonian Facilities Revit Template User's Guide (2021), Section 8.3. Electrical Design: Power Connector Parameters.

Autodesk Revit 2020 Help: "Associate a Connector Parameter with a Family Parameter."

#### 質問 # 50

.....

JPTestKingのAutodeskのRVT\_ELEC\_01101試験トレーニング資料は豊富な経験を持っているIT専門家が研究したものです。君がAutodeskのRVT\_ELEC\_01101問題集を購入したら、私たちは一年間で無料更新サービスを提供することができます。もしAutodeskのRVT\_ELEC\_01101問題集は問題があれば、或いは試験に不合格になる場合は、全額返金することを保証いたします。

**RVT\_ELEC\_01101日本語復習赤本:** [https://www.jpctestking.com/RVT\\_ELEC\\_01101-exam.html](https://www.jpctestking.com/RVT_ELEC_01101-exam.html)

Autodesk RVT\_ELEC\_01101試験勉強書 リンクをクリックして登録すればすぐ学習資料を使って勉強できます、あなたは弊社の商品を使用した後、一回でAutodesk RVT\_ELEC\_01101試験に合格できなかつたら、弊社は全額返金することを承諾します、Autodesk RVT\_ELEC\_01101試験勉強書 TopExamというサイトは長年の研究を通して最

