

Union Pacific Railroad

Skilled Craft Battery Test: Diesel Electrician

*Sample Questions for Apprentice Diesel Electrician, Diesel
Electrician, & Passenger Car Electrician*

Workplace Practices Instructions

This section contains sample items for the Workplace Practices Test. The items contained in this section are meant to provide you with an idea of what to expect when taking the Workplace Practices Test.

This test has two sub-sections. Both sections include questions that describe peoples' attitudes about themselves and their work. Please answer each question in a way that best describes your own experiences, judgments, and opinions. It is very important that you answer each item honestly and as accurately as possible. There are no right or wrong answers to this test.

In the first section you are asked to read each statement, then decide whether you agree or disagree with what it says, and select your answer.

Section two contains two types of questions. Some questions ask you about work practices. Other questions describe a situation and ask you what you would do. Read each question and choose the one answer that most accurately reflects your opinion. For some questions, more than one answer may seem appropriate. In these instances, choose the one answer that most accurately reflects your opinion.

Section 1 Sample Question:

I'm flexible and open to change

- Strongly Agree
- Somewhat Agree
- Somewhat Disagree
- Strongly Disagree

Section 2 Sample Question:

How would you describe your attitude towards safety rules on the job?

- Some safety rules actually slow work down.
- Some are more important than others.
- If you're careful, you'll never need them.
- I'm glad that companies insist on them.
- A lot of safety rules could be eliminated.

Arithmetic Computations Instructions

This section contains sample items for the Arithmetic Computations Test. The items contained in this section are meant to provide you with an idea of what to expect when taking the Arithmetic Computations Test.

This is a test of your ability to solve arithmetic problems. This test will ask you to perform general arithmetic computations (addition, subtraction, multiplication, and division) for test questions involving whole numbers, fractions, decimals and percentages. You may use a calculator and/or scratch paper when solving the problems on the test.

When completing this test, you will need to work quickly and accurately to complete as many items as possible. Your score is based on the total number of items you answer correctly.

Example Questions:

1. 3% of 300 =
 - a. 9
 - b. 33
 - c. 39
 - d. 90
 - e. Other

2. $640 \div 25 =$
 - a. 22
 - b. 24
 - c. 25.5
 - d. 26.5
 - e. Other

3. $\frac{6}{9}$ of 54 =
 - a. 36
 - b. $\frac{54}{9}$
 - c. 81
 - d. 324
 - e. Other

Electrical Knowledge Test Instructions

This section contains sample items for the Electrical Knowledge Test. The items contained in this section are meant to provide you with an idea of what to expect when taking the Electrical Knowledge Test.

This is a test of your electrical knowledge. This test contains a series of questions from topics such as AC/DC theory, variable speed drives, basic electronics, and instrumentation. Your task is to read each question and select the best answer from the alternatives given. All the information you need to answer the questions will be provided.

Example Questions:

1. What tool is most often used when testing for insulation resistance?
 - a. **megger**
 - b. voltmeter
 - c. capacitance tester
 - d. amp meter

2. Ohms Law states that current is:
 - a. inversely proportional to voltage and directly proportional to resistance.
 - b. **directly proportional to voltage and inversely proportional to resistance.**
 - c. directly proportional to both voltage and resistance.
 - d. inversely proportional to both volts and ohms.

3. Which of the following types of gloves should you wear when working with chemicals?
 - a. **Butyl rubber gloves**
 - b. Fabric gloves
 - c. Leather gloves
 - d. Both A and C

ADEPT-15 Instructions

This section contains sample items for the Adaptive Employee Personality Test (ADEPT-15). The items contained in this section are meant to provide you with an idea of what to expect when taking the ADEPT-15.

This personality test will ask you to choose which of two statements you agree with more. You may find that you agree with both, or that you really don't agree with either. Pick the one that you agree with the most between the two, and select your level of agreement, whether it is 'slightly agree' or 'agree'. There are no right or wrong answers to this assessment, so please answer as honestly and accurately as possible.

The screenshot displays the ADEPT-15 assessment interface. At the top, there is a progress bar showing 5% completion. Below the progress bar, there are five rows of sample questions. Each row consists of two statements, a central Likert scale, and a navigation button on the right. The Likert scale has five points, with the second and fourth points labeled 'Slightly Agree' and the first and fifth points labeled 'Agree'. A white triangle indicates the current selection level.

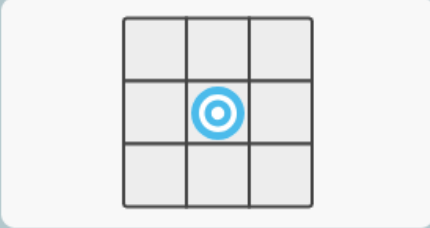
Statement 1	Agree	Slightly Agree	Slightly Agree	Agree	Statement 2
I bounce back very quickly after setbacks.	●	●	▲	●	I enjoy working with other people to achieve a common goal.
I can often persuade people to my point of view.	●	●	▲	●	I often stay calm during stressful situations.
I do all I can to achieve my goals, even though it can sometimes be very difficult.	●	●	▲	●	Whether I succeed or fail in my career, I am still the same person.
If given several tasks to complete in a short period of time, I would feel good if I completed most of them.	●	●	▲	●	My persistence has led me to finish tasks others may not have thought possible.
I sometimes like to make new friends.	●	●	▲	●	I sympathize with people who are having a bad day and always try my best to make them feel better.

G.A.M.E. Instructions


This section contains examples of the G.A.M.E. portion of the assessment. The items contained in this section are meant to provide you with an idea of what to expect when taking the G.A.M.E. assessment.

This interactive assessment consists of three mini-games designed to test your working memory. During each mini-game, a set of icons will appear on the screen in a specific place and order. It is important that you try to remember the place and order of the icons as you then complete a separate task. After the separate task, you will be asked to recall where and in what order the icons appeared on screen. This section will walk you through the instructions and tasks required of you for each of the three mini-games.

Mini-game 1:



In this mini-game, the icon above will appear in different places on a grid. Part of your job is to remember **where and in what order** the icons appear.



After you see the icon, you'll then see a picture flash on the screen.


The second part of your job is to quickly figure out if the right side of the picture is the mirror image of the left side.

Mirror?

True False

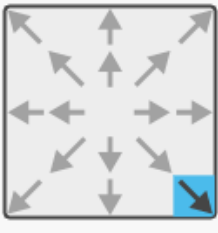
So, you would pick "False" when presented with the question above.

Where on the grid, and in what order, did the icons appear?



This will repeat until you've seen 2 to 5 icons... then you'll be asked to recall them in order. The animation above shows a full round of this mini-game.

Mini-game 2:



In this mini-game, different arrows will be highlighted, like the one above. Part of your job is to remember **where and in what order** the arrows are highlighted.

4 | 4

NORMAL | BACKWARDS

After seeing the arrow, you'll then see a number flash on the screen.

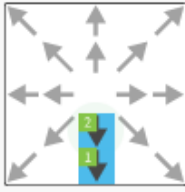
The second part of your job is to quickly figure out if the number is backwards or not.

Normal?

True False

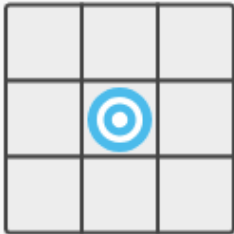
This will repeat until you've seen 2 to 5 arrows... then you'll be asked to recall them in order. The animation shows a full round of this mini-game.

Where, and in what order, did the arrows appear?

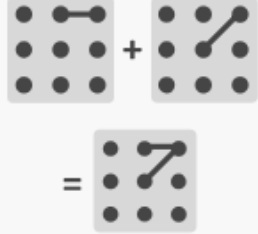


This will repeat until you've seen 2 to 5 arrows... then you'll be asked to recall them in order. The animation shows a full round of this mini-game.

Mini-game 3:



This mini-game is similar to the first one... part of your job is again to remember **where and in what order** the icons appear.




For this puzzle, you have to figure out whether the line shown in the top left box combines (+) with the line in the top right box to create the picture shown in the bottom box.

Correct?

Correct Incorrect

So, you would pick "Correct" when presented with the question above.

Where on the grid, and in what order, did the icons appear?



This will repeat until you've seen 2 to 5 icons... then you'll be asked to recall them in order. The animation above shows a full round of this mini-game.