

EXAM REVIEW

Listening Comprehension (RA1)

Exercise 1. Listen and circle the right answer or answer the questions:

1. Berta Jones...
 - a. is not happy with her job
 - b. is an electrician
 - c. is the senior electrician in a repair shop.

2. How old is Berta?

3. Mr. Wilson, the garage supervisor, is:
 - a. creative and responsible.
 - b. clean and responsible.
 - c. active and responsible.

4. Thomas...
 - a. works in Oxford.
 - b. is a computer engineer specialized in programming.
 - c. is a computer engineer in Canada.

5. What are his duties at work?
 - a. he repairs computers.
 - b. he repairs mobile phones.
 - c. he makes programs and designs special software

Reading Comprehension and Vocabulary (RA2) - Electrical Safety in the Workplace

Electrical safety is one of the most important aspects of working in construction, maintenance, and industrial environments. Every year, thousands of workplace accidents are caused by improper handling of electrical equipment. Many of these accidents could be prevented by following basic safety procedures and using appropriate protective equipment.

One of the main dangers of electricity is that it is invisible. Workers cannot see electrical current, but it can cause serious injuries such as burns, electric shock, or even electrocution. For this reason, it is essential to de-energize power sources before starting any repair or installation. Lockout and tagging systems are often used to ensure that equipment cannot be accidentally switched on while someone is working on it.

Another important factor in electrical safety is proper training. Workers must understand how voltage, current, and resistance function in a circuit. For example, high voltage increases the risk of severe injury, especially in wet conditions. In addition, faulty wiring and overloaded circuits are common causes of electrical fires. Regular inspections help identify potential hazards before they become serious problems.

Personal protective equipment (PPE) also plays a crucial role. Safety glasses protect the eyes from sparks and dust, insulated gloves prevent electric shock, and arc flash clothing reduces the risk of burns. Although safety procedures may seem time-consuming, they significantly reduce workplace accidents and save lives.

In conclusion, electrical safety depends on awareness, training, proper equipment, and strict adherence to safety regulations. Companies that invest in safety measures not only protect their employees but also reduce financial losses caused by accidents and equipment damage.

Exercise 1. Answer the following questions about the previous text:

1. Why is electricity considered especially dangerous compared to other workplace hazards?

2. What should workers do before starting repairs on electrical equipment, and why is this important?

3. What are two common causes of electrical fires mentioned in the text?

4. How does personal protective equipment reduce the risk of injury?

5. Why is proper training essential for workers who deal with electricity?

Exercise 2. Write a short definition or explanation (1–2 sentences) for each of the following words from the text.

1. Electrocution

2. De-energize

3. Voltage

4. Faulty wiring

5. Personal protective equipment (PPE)

Exercise 3. Complete the following sentences with Past Simple or Past Continuous:

1. While James _____ (install) the wiring, the lights suddenly went out.
2. She _____ (not / wear) safety gloves when the accident happened.
3. They _____ (test) the system when the power failed.
4. He _____ (forget) to turn off the current yesterday.
5. What _____ you _____ (do) when the alarm rang?
6. The electrician _____ (check) the cables while his assistant was preparing the tools.
7. We _____ (not / understand) the instructions at first.
8. The workers _____ (connect) the wires when it started to rain.
9. While I _____ (inspect) the panel, I found a loose wire.
10. She _____ (work) on the project all afternoon yesterday.

Exercise 4. Each sentence contains one vocabulary mistake. Rewrite the sentence correctly.

1. You should always wear hard hats to protect your eyes from dust when drilling.

2. Before working on the wires, make sure to energize the system.

3. Copper is used in wiring because it has high resistance.

4. He suffered a hazard when he touched the live cable.

5. Always connect the power supply before repairing electrical equipment.

6. Wet hands reduce the probability of electric shock.

7. The main cause of electrical fires is fixed wiring.

8. You should install the wiring to make sure it is safe and working properly.

Exercise 5. Rewrite the sentence using the word given. Do not change the meaning.

1. There is a possibility that you will get shocked if you touch that wire. (risk)

2. Turn off the electricity before you start the repair. (de-energize)

3. The cables are damaged because they are very old. (worn out)

4. The electrician checked the system carefully for problems. (inspect)

5. He had to bend his back to go through the low doorway. (stoop)
