Listening comprehension (RA1)

Exercise 1. Listen and circle the right answer (A,B,C) or answer the questions:

1. This is an interview about jobs for…

a) a local newspaper.

b) a school report.

c) a radio program.

2. The lineman who is interviewed…

a) has always worked in the same workshop.

b) has not experience as a lineman.

c) is an experienced lineman.

3. This lineman works…

a) for more than 8 hours a day.

b) 7 and a half hours a day.

c) less than 8 hours a day.

4. He works…

a) for a small company.

b) for a big company.

c) for a medium-size company.

5. Write down three tools or pieces of equipment he mentions:

LIVEWORKSHEETS

Reading comprehension (RA2)

The Electrical industry touches every part of our daily lives. We take electricity for granted, but we can't do anything without the people who install and maintain the equipment too. So a career in the electrical industry is a career choice that really makes a difference.

Working as an electrician is hard, especially when you have a demanding supervisor, complaining customers and limited time. However, many people are applying for this job. Today every family, every home has all kinds of electrical appliances, so an electrical repair shop or any other business related to Electricity and Electronics is a good business, but the field is also stressful and competitive.

There are several jobs in electricity, from lineman workers and electrical engineers to maintenance electricians.

Maintenance electricians repair or replace electric and electronic equipment when it breaks. They may replace items such as circuit breakers, fuses, switches, electrical and electronic components, or wire.

Electricians use a variety of hand tools, power tools and other instruments which are part of the equipment found in an electrical workshop. Hand tools include pliers of different types, screwdrivers, cutting and gripping tools, measuring devices, testing tools. They need power tools too, either stationary or portable.

It can be a dangerous profession, so it is essential for electricians to follow all the regulations and wear Personal Protective Equipment to prevent electrical shock. Protective clothing includes helmets, ear defenders, gloves, rubber soled shoes and glasses to protect the eyes.

Exercise 2. Read the previous text and tick the sentences true (T) or false (F) according to the text. Correct the false sentences.

		TRUE	FALSE
1	Being an electrician today is not easy.		
2	Not many people want to work as electricians because it is hard		
3	Any electrician can repair electric equipment.		
4	Electricians don't need any especial equipment to work.		
5	Electrical shock is one of the dangers electricians face.		

Exercise 3. Read again and answer the following questions:

1. Write down the reasons why a job in the field of electricity can be especially hard.

   _____

2. Why is any job related to electricity a good business?

   _____

3. What do maintenance electricians do?

   _____

4. What kind of tools do electricians use?

   _____

5. How can electricians prevent electrical shock?

   _____

LIVEWORKSHEETS

Vocabulary (RA2)

Exercise 4. Write the name of each tool below its corresponding image, and then match each tool (1–20) with its corresponding definition (A-T).

				
1.	2.	3.	4.	5.
				
6.	7.	8.	9.	10.
				
11.	12.	13.	14.	15.
				
16.	17.	18.	19.	20.

LIVEWORKSHEETS

A. _____ Sharp end of a drill used to cut into objects to make holes.

B. _____ L-shaped piece of metal with a six-sided head used to tighten screws and bolts.

C. _____ Protective plastic shield for the eyes and face.

D. _____ instrument that twists objects made of metal.

E. _____ Measuring instrument used to determine internal, external, or depth dimensions.

F. _____ Gripping tool used for pushing connectors around bare wires.

G. _____ Cutting tool that is only used for cutting wire and do not grip.

H. _____ Power tool used to make holes in different kinds of material.

I. _____ Kind of strip made of plastic or vinyl that is used to insulate electrical wires.

J. _____ Long, metal instrument that electricians use to put electrical wires in walls.

K. _____ Tool with a metal top used for hitting nails or other objects.

L. _____ Power tool which hits hard surfaces (e.g. concrete) repeatedly to break it apart.

M. _____ Protective equipment designed to shield the head from workplace hazards.

N. _____ Hand instrument with narrow jaws used for holding, bending, or reaching wires.

O. _____ Tool with a long piece of thin metal, paper or plastic with numbers on it.

P. _____ Retractable strip used to determine distances or sizes in a portable way.

Q. _____ Protective gear used to safeguard the hands from cuts and heat.

R. _____ Device used to determine a wire's amount of voltage and power.

S. _____ A protective eye shield that protects electricians' eyes from dangerous materials.

T. _____ Tool used to tighten or loosen screws.

LIVEWORKSHEETS

Grammar (RA4)

Exercise 7. Choose the correct verb from the box and put it into the correct form: Present Simple and Present Continuous.

use · repair · wear · measure · install · connect · work · check · test · switch on

1. An electrician usually _____ a multimeter to measure voltage.
2. Look! The technician _____ a new electrical socket.
3. Electricians _____ safety gloves when they work.
4. The students _____ the electrical circuit at the moment.
5. _____ you usually _____ a screwdriver in the workshop?
6. The electric motor _____ properly today. It is broken.
7. _____ the electrician _____ the voltage right now?
8. My father _____ the electrical panel every month.
9. We _____ the power drill today because it is damaged.
10. The technician _____ the new electrical equipment at the moment.

Exercise 8. Rewrite each sentence as indicated.

1. The electrician uses a screwdriver.

- Negative: _____
- Interrogative: _____

2. The technician is testing the voltage.

- Negative: _____
- Interrogative: _____

3. They connect the electrical wires.

- Negative: _____
- Interrogative: _____

4. She is repairing the electric motor.

- Negative: _____
- Interrogative: _____

5. A multimeter measures voltage.

- Negative: _____
- Interrogative: _____

LIVEWORKSHEETS