

## SCRIPT

**SECTOR:** ELECTRONICS AND ELECTRICAL ENGINEERING  
IN GREECE AND CYPRUS

**TOPIC:** LEARN WHAT BEHAVIOUR IS EXPECTED OF YOU  
IN AN ELECTRICAL WORKSHOP INCLUDING THE MOST  
IMPORTANT SECURITY MEASURES.



Welcome to an electrical workshop **ηλεκτρολογικό εργαστήριο**. You can work in a low voltage **chamili tasi** electrical workshop that tests electrical appliances, lighting, sockets, plugs and accessories or you can work in a high voltage **ypsili tasi** electrical workshop that meets the needs of Greek industry quality control of electrical and electronic materials, machines and devices.

What do you need to know about your safety?

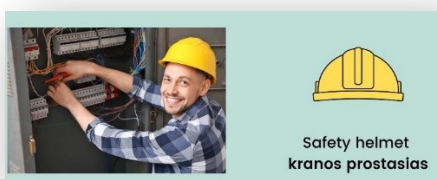


In an electrical workshop you will receive instructions about the equipment **εξοπλισμός**, the power tools **ηλεκτρικά εργαλεία** and the tasks **εργασίες** you have to accomplish by the electrical engineer **ηλεκτρολόγος μηχανικός**. He will give guidance how to protect yourself and the laboratory from a possible accident.



During your work as an electrician **ηλεκτρολόγος** you must follow individual protection measures which include:

- head protection measures **μεσα προστασίας κεφαλής**
- body protection measures **μεσα προστασίας σωματός**



You must wear a safety helmet **κρανος προστασίας** to protect yourself if you fall from a ladder or if you work in an area with falling objects.



Safety goggles - **prostateftika gialia**

Wear safety goggles **prostateftika gialia** to protect yourself from sparks from metal wires or small airborne objects.



Face mask  
**prostateftiki maska**

To protect yourself from electric shock, which can cause blindness, wear a face mask **prostateftiki maska**.

Electric shock - **ilektropliksia**

Protection gloves - **prostateytika gantia**



To protect yourself from electric shock **ilektropliksia** it is necessary to wear leather or synthetic protection gloves **prostateytika gantia** with resistance to electricity.



Fireproof jumpsuit -  
**olosomi forma pirantohis**  
Fire - **fotia**  
Short circuit - **vrachykykloma**

Wear a fireproof jumpsuit **olosomi forma pirantohis** to protect against fire **fotia** caused by an electric arc overheating the installation elements due to a short circuit **vrachykykloma** or overload as well as high operating temperatures of certain devices. Also a one-piece fireproof uniform will protect you in the case of an explosion in areas with flammable gases or dusts.

Safety shoes - **papoutsia asfalias**  
Electric shock - **ilektroplixia**



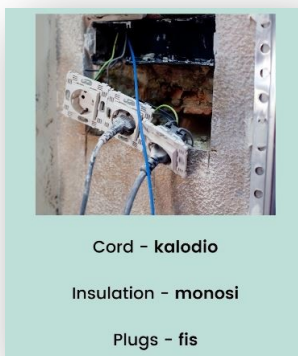
It is necessary for the technicians dealing with electrical and electronic devices during their work to wear safety shoes **papoutsia asfalias** of plastic or other insulating material like rubber which increases the resistance of the body and significantly reduces the leakage of the current to the ground in case of electric shock **ilektroplixia**.



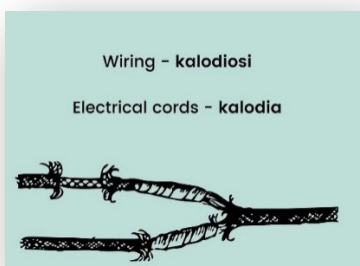
Wear protective coverings **epidesmo** such as protective elbow coverings and protective wrist coverings when you use hand tools **ergaleia chiros** because they require force or rotation and can cause tendonitis in the hands, wrists or elbows.



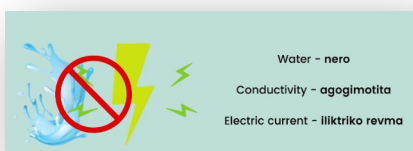
Always use tools **ergalia** with an insulated handle **monomeni lavi** in good condition. This will help you avoid electrical shock **ilektroplixia**.



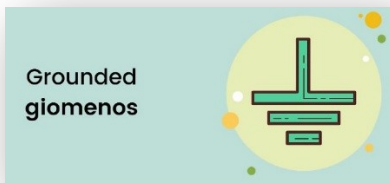
Never use equipment with frayed cords **kalodia**, damaged insulation **monosi** or broken plugs **fis**.



Inspect wiring **kalodiosi** of equipment before each use. Replace damaged or frayed electrical cords **kalodia** immediately.



Avoid water **nero** when working with electricity. It increases the conductivity **agogimatita** of the electric current **ilektriko revma**. Keep all electrical cords away from water. Never touch or try repairing any electrical equipment or circuits with wet hands.



Make sure all metal components of the laboratory such as metal benches, and metal ceilings frames which may receive an electrical voltage are grounded **giomenos**. All electrical equipments should be grounded with 3 prong plugs.



Never try repairing powered equipment **energopiimenos exoplismos**.  
Never change wiring **kalodiosi** with circuits plugged into the power source **pigji trofodosias**.



Unplug **aposindese** cords by pulling the plug and not the cord. Disconnect **aposindese** all electrical equipment when it is not in use.



Don't use or store highly flammable materials **eflekto iliko** near electrical equipment, because some materials can be ignited by sparks from the electrical equipment.



Know the location of and how to operate the circuit protection devices **siskeves prostasias kiklomatos**. Circuit protection devices are designed to automatically limit or shut off the flow of electricity in the event of a ground fault **vlavi giosis**, overload **iperfortosi** or short circuit **vraxikikloma** in the wiring system.



In case of fire due to electrical causes (e.g. short circuit) do not use water to put it out. Use suitable fire extinguishers **pirosvestiras** which should be available in the area of the laboratory.

## LIST OF VOCABULARY

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<b>GREEK</b>	<b>YOUR LANGUAGE</b>
<i>ilektrologiko ergastirio</i>	
<i>chamili tasi</i>	
<i>ypsili tasi</i>	
<i>exoplismos</i>	
<i>ilektrika ergaleia</i>	
<i>iliktrologos mihanikos</i>	
<i>ilektrologos</i>	
<i>mesa prostasias kefalis</i>	
<i>mesa prostasias somatos</i>	
<i>kranos prostasias</i>	
<i>prostateftika gialia</i>	
<i>prostateftiki maska</i>	
<i>ilektropliksia</i>	
<i>prostateytika gantia</i>	
<i>olosomi forma pirantohis</i>	
<i>fotia</i>	
<i>vrachykykloma</i>	
<i>papoutsia asfalias</i>	
<i>epidesmo</i>	
<i>ergaleia chiros</i>	
<i>ergalia</i>	
<i>monomeni lavi</i>	
<i>kalodia</i>	
<i>monosi</i>	
<i>fis</i>	
<i>kalodiosi</i>	
<i>kalodia</i>	
<i>nero</i>	
<i>agogimotita</i>	
<i>ilektriko revma</i>	
<i>giomenos</i>	

<i>energopiimenos exoplismo</i>	
<i>pigi trofodosias</i>	
<i>aposindese</i>	
<i>eflekto iliko</i>	
<i>siskeves prostasias kiklomatos</i>	
<i>vlavi giosis</i>	
<i>iperfortosi</i>	
<i>vraxikikloma</i>	
<i>pirosvestiras</i>	