

STORYBOARD

VIDEO 7: WIRING AND MEASUREMENTS OF ELECTRICAL INSTALLATIONS (2.54)

Education goals:

Student has knowledge to:

- take care on safety at work,
- prepare working documentation,
- communicate with management and co-workers,
- use and understand technical drawings,
- wire and measure electrical installations.

BESEDILO - TON	SLIKA	STRUKTURA	DOLŽINA
See the goal Secondary vocational education Program Mechatronic operator		GRAPHIC: <ul style="list-style-type: none"> • logo STG • Secondary vocational education • Program Mechatronic operator 	10 sec
Sound: Wiring and measurements of electrical installations		GRAPHIC: Working task Wiring and measurements of electrical installations	5 sec
Sound: In this educational video we are going to show you wiring and measurements of electrical installations.	Wiring		5 sec
Sound: In accordance with safety at work, the student will	Organising tools Checks work documentation	GRAPHIC: Safety at work	20 sec

prepare a workplace and examine the working documentation, on the basis of which he will perform the wiring of the electrical installation. After completing the task, the measurement of the electrical installation follows.	Menthor gives instructions Measurement		
		GRAPHIC: title STG	3 sec
Voice: The student prepares an ergonomically organised workplace. It's important that the workplace is organised, because in this way he can do his job easier.	Brings equipment Dialog in team	GRAPHIC: Prepare and organizing workplace GRAFIKA: Expert communication with co-workers and management	45 sec
		GRAPHIC: title STG	
Voice: First, he checks the working documentation and marks the work task. Then he starts with the wiring process. With the appropriate tool he removes the insulation from the wire, clamps the tube on the wire and screws the cable in the appropriate clamp.	Check the working task Starts wiring process	GRAPHIC: Use and understand technical draws GRAPHIC: Wiring and measurement of electric	60 sec
Voice: He checks the following work.	Checks documentation		5 sec
Voice: Then he replaces the fuse in the electrical installation.	Replacing the fuse		30 sec

<p>The student measures the conductance and checks whether the fuse is working.</p> <p>The student checks the proper execution of the electrical wiring with the help of electrical measurements and eliminates errors in the electrical installation.</p> <p>It is also important that after the completion of the task, he appropriately cleans up the tools and the working environment.</p>	<p>Measuring the conductance and checks whether the fuse is working</p> <p>Checks wiring</p> <p>Cleaning working place</p>		
	<p>Short video clips with key task summary.</p>	<p>Graphic:</p> <ul style="list-style-type: none"> • safety at work • Wiring and measurements of electrical installations • Expert communication with co-workers and management • Use and understand technical draws 	<p>10 sec</p>