## **BEM Micro-credential**



	Title/name of the credential	Installer of distribution cabinets
BEM content (for all partners)	Function of the micro-credentials / purpose	The purpose of the micro-credential program is to train participants to independently perform tasks related to the selection, control and installation of switchboards in a business- residential building or industrial plant. Most often, he works in the field of installation works in construction, respecting the current regulations in the field of distribution cabinets.
	Possible target groups	unemployed persons, persons who want to retrain
	Branch/sector of application	electrical engineering, construction, industry and all other sectors that could not function successfully without the use of electricity
	Fields of application / work environment	residential, business, industrial, electrical operating premises
	Typical work/professional tasks	grouping of appliances and devices in a certain place according to the design and technical documentation in order to transform, ensure, manage and control electrical energy
	Learning outcomes (personal and job related)	KnowledgeSkillsCompetences• List the measures of safety, health and protection at work and environmental protectionSkills• application of design and technical documentation for the assembly of the distribution cabinet• knows the basic terms and definitions of electrical installations• uses technical instructions, catalogs• preparing the workplace for the installation of the distribution cabinet• distinguishes between types of low-voltage networks• prepares the workplace, the necessary tools, devices, instruments and accessories for the installation of the distribution cabinet• clear and correct configuration of electrical equipment in the distribution cabinet• lists the tools, equipment, devices, instruments and accessories for the installation of the distribution cabinet• mounts protective devices in the distribution cabinet on the basis of design and technical documentation• clear and correct configuration of electrical equipment in the distribution cabinet• lists the tools, equipment, devices, instruments and accessories for the installation of the distribution cabinet• mounts the basic elements of electrical equipment in 

	• describe the purpose of insulated parts of different poles	
	<ul> <li>electrical equipment</li> <li>elements that can be</li> <li>installed in the</li> <li>distribution cabinet</li> <li>explain the arrangement</li> <li>of electrical equipment</li> <li>elements inside the</li> <li>distribution cabinet</li> <li>knows the types of</li> <li>wiring conductors</li> <li>knows the marking of the</li> <li>connections of the</li> <li>elements of the</li> <li>distribution cabinet</li> <li>knows the basics of the</li> <li>distribution cabinet for</li> <li>the case of subsequent</li> <li>of electrical equipment</li> <li>of electrical equipment</li> <li>of electrical equipment</li> <li>connections cof the</li> <li>distribution cabinet for</li> <li>the case of subsequent</li> <li>of electrical equipment</li> <li>conducts tests to check the</li> <li>functionality</li> <li>fills in documentation,</li> <li>keeps records of</li> <li>completed tasks according</li> <li>to the work order and</li> <li>prepares a report on</li> <li>completed work</li> <li>implements and checks the</li> <li>application of rules and</li> <li>health at work as well as</li> <li>environmental protection</li> </ul>	
Validation	Criteria • reliability; (compliance of the assessment with established, public and precise assessment criteria); • validity; (the evaluation shows the effects of learning - achievement of the results, engagement and progress of the students); • variety of assessment methods: • (selection of appropriate and application different methods and techniques evaluations to ensure • validity, reliability and objectivity of grades); • assessment without discrimination and selection on any basis;	Procedures • formation of the exam room commissions; • determining the list of tasks for the exam; • extracting work assignments; • competence check • by creating assignments; • examination records; • awarding of certificates;
Recognised/accepted (documented by Mo <u>U</u> )	Company name: Johnson Electric d.o.o. Nis, Serbia	
Provider(s)	Vocational secondary schools Publicly recognized organizers of educational activities (JPC	A)

Additional information (if needed)	Entry level / prerequisites	NOKS level 1 - primary education and upbringing, primary adult education, primary ballet education and upbringing and primary music education and upbringing
	Possible duration (recommendation)	
		125 hours
Specific content (national) (if needed)	Position in the chain of educational programmes	Informal training
	Reference to NQF	2nd level of NOKS; 2nd level EOK
	Credits	5