

ВЕМ Микрокреденцијал



BEM content (for all partners)	Title/name of the credential	Operator of machines for the production of plastic components by injection molding (plastic worker)		
	Function of the micro-credentials / purpose	The purpose of the microcredential program is to train participants to independently perform work on the production of plastic products, maintain tools, machines and devices in the production of plastic parts.		
	Possible target groups	unemployed people, people who want to retrain		
	Branch/sector of application	Plastic workers can work in various industries that produce finished or semi-finished products from plastic: light industry, food industry, aviation and automotive industry.		
	Fields of application / work environment	mechanical engineering, electronics, production of packaging, sports equipment, electric motor parts, etc		
	Typical work/professional tasks	Placement of tools on machines, removal of jams and control of machine operation Stops the machine in case of non-compliance Material filling - preparation and filling of raw materials into injection molding machines Application of technological - working instructions and instructions Quality control - visual inspection of finished products to ensure their compliance with quality standards Packaging - packaging of finished products and preparation for further processing or transport		
	Learning outcomes (personal and job related)	Knowledge - distinguishes types of plastic materials and their properties; - explain the technological process of plastic production and processing; - explain the basics of pneumatic and hydraulic techniques management in the automation process; - describe the types, constructions and operation of injection molding machines; - explain the monitoring, control and optimization of all process parameters; - explain the procedure for detecting and removing errors on the product; - differentiates the methods of quality control of the plastic artist's work;	Skills - uses technical-technological documentation during work; - prepares the necessary equipment, devices and tools according to the work order; - preparation of raw materials for processing as prescribed recipes; - installs, assembles and connects machines and devices for manufacture of plastics and plastic products; - sets machine and device parameters in accordance with technical documentation; - operates the injection molding machine; - replaces tools, molds and simple assemblies on machines for making plastics according to instructions and under supervision; - checks the operation of	Key competencies - Preparation and organization of work; - Management of the machine for injection molding of plastics and products from plastic; - Maintenance of tools, machines and devices in production plastics and plastic products; - Quality control in accordance with standards production process;

		<ul style="list-style-type: none"> - describe the procedures of standard tool maintenance measures, machines and devices; - describe the types of technical documentation and guidance records; - describe environmental protection procedures in the process production and processing of plastics; 	<ul style="list-style-type: none"> machines by monitoring parameters and eliminates machine jams; - performs regular machine maintenance ensuring its optimal operation; - disposes of waste material in the prescribed manner; - ensures the quality of the product; - disposes of waste material in a prescribed manner; - effectively applies prescribed life protection measures environment in the process of production and processing of plastics; 	
	Validation	<p><i>Eligibility criteria</i></p> <ul style="list-style-type: none"> - 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); - diversity of assessment methods: (choice of appropriate and application of different assessment methods and techniques to ensure the validity, reliability and objectivity of assessments); - evaluation without discrimination and selection on any basis; 	<p><i>Procedures</i></p> <ul style="list-style-type: none"> - formation of the examination committee; - determining the list of tasks for the exam; - extraction of work tasks; - verification of competence by performance of tasks; - examination records; - awarding of certificates; 	
	Recognised/accepted (documented by MoU)	<p>Company name:</p> <p>Johnson Electric d.o.o. Nis, Serbia</p>		
	Organizers of training and training/ Provider(s)	<p>Vocational secondary schools</p> <p>Publicly recognised organisers of educational activities (JIIOA)</p>		
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	Non-formal training		
	Reference to NQF	3rd level of NOKS; 3rd level EOK		
	Credits	5		