

Individual assessment card

Vocational technical education – Mechanic Technician

Levels and progression

The gained skills and qualifications are assessed over three levels: level one, two and three. These levels correspond to the levels used for other qualifications within the national qualifications framework.

Key Skills Level 1 - the student acquired basic skills and can take responsibility for some basic decisions. The student isn't able to work in on his/her own and requires constant substantive supervision. He/she has the communicative abilities at a basic level.

Key Skills Level 2 - the student is capable of responding to the demands of more complex activities. He/she demonstrates more explicit reasoning ability and personal responsibility in making decisions about how tasks are organized. He/she requires substantive supervision while exercising some more complex tasks.

Key Skills Level 3 - the student has substantial autonomy and responsibility for managing activities. He/she has ability to develop a strategy for using key skills over an extended period of time, monitor and critically reflect on progress and adapt strategy, as necessary, to achieve the quality of outcomes required. He/she apply his/her key skills in communication, working with others and problem solving, in an integrated way, in order to improve his/her learning and performance in managing professionally challenging work.

Score

2 pt. –Key Skills Level 3

1 pt. – Key Skills Level 2

0 pt. – Key Skills Level 1

Qualification : EKA.05.	Units of Learning	Outcome Learning	Outcome Knowledge	Skills/Attitude	Points 0-1-2
	Work planning and work organization	Organization of the workplace according to the applicable requirements of the work ergonomics, health and safety procedures, the fire and environment protection.	The student learns the rules applying to the health and safety procedures, the fire and environment protection rules. The student learns the rules applying to the working place organizing, according to the health and safety procedures, the fire and environment protection rules.	He/she recognizes the threats to life and health.	
				He/she recognizes harmful agents in the workplace	
				He/she organizes the working place according to the health and safety procedures	
				He/she gives the first aid to those injured during the accidents at work, if needed.	
Efficient planning and management of the given tasks	Work planning. Organizing the workplace.	The learner gets information concerning the given industry.	He /she respects the principles of the courteousness and ethics and applies the public communication rules at workplace.		
			The student learns how to plan and implement the given tasks within the specific time period and also how to monitor the execution of the given tasks and the ways of their modifying.	The student plans and implements the given tasks within the specific time period. He/she monitors the execution of the given tasks and the ways of modifying of the previously planned tasks. He/she conduct s his/her self-assessment of the completed job.	
			The student develops emotional intelligence.	He/she applies the stress management techniques, assertiveness principles in the interpersonal communication, social expressions and greetings in the written and oral communication as well as is creative and open to changes.	
Monitoring the qualitative parameters of the manufacturing	Unfinished products. Cutting procedures. Machine tools. Cutting and measuring	The student gets familiar with unfinished products made of metallurgical and foundry materials. The learner gets acquainted with the proper sequence of the cutting	He/she learns carries out cutting procedures, uses moulders, cutting and measuring machines to make external and cylindrical surfaces, threads and transverse and axial holes.		

	process.	tools for roughing-down and milling processing of the cylindrical surfaces.	procedures, parts of the machines and their classification according to the kind of the cutting procedures	The students makes schematic drawings of the chosen devices, components, assembly of machines and devices.	
	Computer program in the mechanic profession	Computer programmes used in technical drafting.	The students learn how to operate computer programmes used to create documentation of the assembly and cutting procedures.	He/she fulfils the material requirement card, controls on deliveries card and correction of the invoice. The students operates computer programmes used to create documentation of the assembly and cutting procedures.	
	Material management	Material management of the cutting procedures, machine parts. Waste management of the cutting procedures.	The student learns how to calculate the costs of the goods manufacturing.	He/she calculates the costs of the goods manufacturing. The student keeps the record of documentation, reporting documentation and applies the standards concerning the quotation.	
	Material processing	Instructions for the material processing: heat treatment and thermo-chemical treatment.	The student gets familiar with the technological process of the step shaft without the heat treatment, the technological processes of the: carburized step shaft which is hardened, the sleeve as well as of the parts like machine body, levers and flat parts in accordance with the documentation. The students learns about the technological process of the spur gear in the small series and series production.	He/she carries out the technological process of making step shafts without the heat treatment. The student makes the carburized step shafts, the sleeves as well as the parts like machine body, levers and flat parts in accordance with the documentation. The students manufactures the spur gears in the small series and series production.	
	Basic equipment of the assembly working place	Assembly working place.	The student gets familiar with tools and machines used in the locksmithery and machining purposes.	He/she uses tools and machines in the locksmithery and machining purposes.	

			The student learns how to fulfil the assembly cards for the vehicle components.	The student manufactures car parts, using mechanical appliances for car parts manufacturing. The student fulfils the assembly cards for the vehicle components.	
	Processing and assembly of the machines and devices components.	Stages of the technological process of the machines and devices processing and assembly.	The student familiarises himself with the documentation of the technological process of the machines and devices processing and assembly.	He/she uses technologies and machines used for assembling and disassembling of the machines and devices. The learner uses devices used in the internal transport during the production.	
	Additional skills and qualifications				