

BEM Micro-credential



Dniprorudne Professional Lyceum
State educational institution

BEM content (for all partners)	Title/name of the credential	Electric Cable Layer in Trenches		
	Function of the micro-credentials / purpose	Students learn modern methods and basic rules of cable installation.		
	Possible target groups	The micro-credential "Electrical Cable Layer in Trenches" within the framework of vocational education and training (VET) is aimed at students and workers who wish to acquire skills and abilities, awarding the qualification of "Electrical Cable Layer in Trenches".		
	Branch/sector of application	Urban and rural municipal management; Industrial enterprises Governmental; Private institutions.		
	Fields of application / work environment	Urban and rural municipal management; Industrial enterprises Governmental; Private institutions.		
	Typical work/professional tasks	<input type="checkbox"/> Planning the laying of electrical cables; <input type="checkbox"/> Developing and approving electrical cable laying plans; <input type="checkbox"/> Ensuring the uninterrupted operation of industrial and civil enterprises in all sectors.		
	Learning outcomes (personal and job related)	Knowledge <ul style="list-style-type: none"> <input type="checkbox"/> Orientation in the terrain; <input type="checkbox"/> Condition of the soil; <input type="checkbox"/> Technical characteristics of electrical cables; 	Skills <ul style="list-style-type: none"> <input type="checkbox"/> Use of machines and tools for digging trenches; <input type="checkbox"/> Use of locksmith tools; <input type="checkbox"/> Adherence to occupational safety rules. 	ACTIVITIES Competences (autonomy/responsibility) <ul style="list-style-type: none"> <input type="checkbox"/> Ability to take job responsibilities seriously; <input type="checkbox"/> Interaction with team members during work;

				<input type="checkbox"/> Knowledge of professional terminology; <input type="checkbox"/> Ability to act in non-standard situations; <input type="checkbox"/> Ability to work in a team; <input type="checkbox"/> Ability to make decisions independently.
	Validation	Criteria <ul style="list-style-type: none"> ● Application of acquired knowledge; ● Improvement of production conditions; ● Evaluation of the final product; ● Compliance with requirements of completed tasks; ● Meeting customer expectations and requirements; ● Mechanism for checking and testing completed work. 	Procedures <ul style="list-style-type: none"> <input type="checkbox"/> Formation of a qualification commission (QC) <input type="checkbox"/> The applicant completes practical and theoretical tasks <input type="checkbox"/> Decision of the QC (employers, educational institution staff) <input type="checkbox"/> Awarding with a certificate or digital badge. 	
	Recognised/accepted (documented by MoU)	Cooperation agreement with enterprises: Private Joint Stock Company Zaporizkyi Iron-Ore Plant (PJSC Zaporizkyi Iron-Ore Plant); DTEK; Zaporizhzhia Thermal Power Plant; Municipal Enterprise Comfort.		
	Provider(s)	Private and state sectors		
Additional information (if needed)	Entry level / prerequisites	150 hours		
	Possible duration (recommendation)			
Specific content (national)	Position in the chain of educational programmes	Part of the qualification: the micro-credential can be integrated into the construction field and can be introduced as a specialized topic within the profession of Electrician.		

		Independent unit: the micro-credential provides a wide range of skills and abilities and can advance the field of construction technologies and energy efficiency.
	Reference to NQF	
	Credits	