

**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 |  Planning the laying of electrical cables;   Developing and approving electrical cable laying plans;   Ensuring the uninterrupted operation of industrial and civil enterprises in all sectors. | | | |
| Learning outcomes (personal and job related) | **Knowledgе**   Orientation in the terrain;   Condition of the soil;   Technical characteristics of electrical cables; | **Skills**   Use of machines and tools for digging trenches;   Use of locksmith tools;   Adherence to occupational safety rules. | | **ACTIVITIES Competences (autonomy/responsibility)**   Ability to take job responsibilities seriously;   Interaction with team members during work;   Knowledge of professional terminology;   Ability to act in non-standard situations;   Ability to work in a team;   Ability to make decisions independently. |
| Validation | **Criteria**   * 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**   Formation of a qualification commission (QC)   The applicant completes practical and theoretical tasks   Decision of the QC (employers, educational institution staff)   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 |