

**BEM Micro-credential**

**Rokytne Professional Lyceum**

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| **BEM content**  **(for all partners)** | Title/name of the credential | **Installation and maintenance of electrical wiring** | | | |
| Function of the micro-credentials / purpose | Improving the qualifications of an individual or an employee of an organization (company) | | | |
| Possible target groups | Individuals, employees of organizations | | | |
| Branch/sector of application | Branch of electricity and electrical engineering | | | |
| Fields of application / work environment | Industrial enterprises, private and state institutions | | | |
| Typical work/professional tasks | * Compilation of mounting schemes of electrical wiring * Planning the installation of electrical wiring * Installation of electrical wiring * Performing maintenance | | | |
| Learning outcomes (personal and job related) | **Knowledgе**  To know:  - The regulatory and technical documentation;  - The rules for the construction, installation and maintenance of electrical wiring;  - The requirements for cables and wires used in wiring installation;  - The marking of cable products used for wiring;  - The technology of electrical wiring maintenance works;  - The Safety rules during installation and maintenance of electrical wiring | **Skills**  - To compose, read and understand wiring schemes;  - To carry out wiring installation;  - To detect and eliminate electrical wiring malfunctions;  - To observe the necessary organizational and technical measures that ensure the safety of work. | | **Competences (autonomy/responsibility)**  - Makes wiring installation schemes;  - Performs wiring installation;  - Performs electrical wiring maintenance;  - Follows safe working conditions. |
| Validation | **Criteria** | | **Procedures** | |
| Conformity;  Flexibility and target orientation;  Reliability | | Creation of an examination  commission (EC);  The student performs the exam task;  Decision of the EC;  Delivery of a certificate or digital badge | |
| Recognised/accepted (documented by MoU) | Name of companies  Rokytnivskyi REM (district of electrical networks) | | | |
| Provider(s) | Private and public sector. Rokytne Professional Lyceum | | | |
| **Additional information**  **(if needed)** | Entry level / prerequisites | 150 hours (5 ECTS) | | | |
| Possible duration (recommendation) |
| **Specific content (national)** | Position in the chain of educational programmes | Part of the qualification: micro-qualification, as a separate course for mastering the skills of installation and maintenance of electrical wiring.  Self-contained unit: micro-qualification can be integrated in training for electrical engineering professions. | | | |
| Reference to NQF |
| Credits |