**BEM Micro-credential**

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| **BEM content****(for all partners)** | Title/name of the credential | **Doors and Windows Installation** |
| Function of the micro-credentials / purpose  | Program is designed on the needs of industry-specific skills. It is vocational training program. |
| Possible target groups | Any interested person, idividuals can study on the program. |
| Branch/sector of application | Architecture and construction  |
| Fields of application / work environment | Person can be employed in the construction sectory. |
| Typical work/professional tasks | 1. Research and document the properties of various door and window materials (e.g., wood, metal, PVC).
* Develop a comprehensive guide on the installation processes for each material type.

2. Train personnel on how to interpret architectural and construction drawings accurately.- Calculate the quantities of materials required for projects based on the drawings.3. Implement safety protocols and guidelines to ensure a safe working environment.- Conduct regular safety audits and training sessions for workers.4. Follow specific procedures for the proper installation and dismantling of MDF doors.- Ensure that tools and techniques used are appropriate for MDF material.5. Execute the installation and dismantling of metal doors according to industry standards.- Address any specific challenges associated with metal door handling.6. Adhere to fire safety regulations during the installation and dismantling of fireproof doors.- Verify that fireproof doors meet required safety certifications.7. Implement best practices for the installation and dismantling of metal-plastic windows.- Ensure proper sealing and insulation during the installation process to enhance energy efficiency. |
| Learning outcomes (personal and job related) | Knowledge | Skills | competences |
| **Knowledge**1. **Types and characteristics of materials:**
	* Understanding the characteristics of various door and window materials, including MDF, metal, fireproof, and metal-plastic options.
2. **Installation processes:**
	* Knowledge of the installation and dismantling processes for doors and windows.
3. **Technical drawing literacy:**
	* Familiarity with architectural and construction drawings to determine material quantities accurately.
4. **Labor safety standards:**
	* Understanding the norms and practices for organizing a safe working environment.

**Skills**1. **Door installation and dismantling:**
	* Proficiency in installing and dismantling MDF, metal, and fireproof doors.
2. **Window installation and dismantling:**
	* Practical skills in installing and dismantling metal-plastic windows.
3. **Material estimation:**
	* Ability to calculate the required quantity of construction materials from technical drawings.
4. **Worksite organization:**
	* Organizing the workspace to ensure compliance with labor safety standards and efficient workflow.

**Competencies**1. **Safe and efficient task execution:**
	* Competence in managing tasks independently while adhering to safety norms.
2. **Technical adaptability:**
	* Ability to apply knowledge and skills to different types of door and window materials and installation scenarios.
3. **Problem-solving in installations:**
	* Capability to address challenges during the installation and dismantling of doors and windows, ensuring quality and precision.
4. **Project planning and execution:**
	* Competence in interpreting drawings, planning tasks, and executing installation projects efficiently.
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| Validation  | criteria | procedures |
| There is formative and determinative assessment. Formative assessment may be conducted using both scoring and counting principles. Determinative evaluation provides for the use of a system based only on the principles of inclusion (based on the confirmation of competences) and allows the following two types of evaluation:a) the learning outcome has been confirmed;b) The learning outcome could not be confirmed.In case of receiving a negative result during the assessment, the student has the right to request an additional assessment of the achievement of learning outcomes before the end of the program. |
| Recognised/accepted (documented by MoU) | Name of companiesLLC “Gorgia”  |
| Provider(s) | LLC “Gorgia” training center |
| **Additional information****(if needed)** | Entry level / prerequisites | Prerequisites for admission to the program: basic education and age 18 years and above.Program duration in hours: 96 h.Program duration in weeks: 8 weeks. |
| Possible duration (recommendation) |
| **Specific content (national)****(if needed)** | Position in the chain of educational programmes | Level III – Vocational education (NQF) |
| Reference to NQF |
| Credits |