



Euroopa Liit
Euroopa Sotsiaalfond



Eesti tuleviku heaks



Republic of Estonia

1. TITLE OF THE CERTIFICATE ⁽¹⁾

Sepp, tase 4

⁽¹⁾ in the original language

2. TRANSLATED TITLE OF THE CERTIFICATE ⁽¹⁾

Blacksmith, level 4

⁽¹⁾ if applicable. This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCIES

Forging is a type of metal forming where the product or half-finished product is made by deforming a heated work piece. As a result of manual forging, the shape of the work piece on the anvil is gradually changed by means of a sledge hammer, hammer drill and other blacksmith tools. The main operations of forging include upsetting, drawing, smoothing, punching, fullering, bending, straining and forged welding. Since the fibres of the metal are not cut during forging, forged products have better mechanical properties than products made by cutting.

Blacksmith of level 4 makes high-quality and aesthetic forgings according to working drawings prepared by him/her or specified designs, work instructions or simpler items, using the most important traditional and modern techniques, work practices and production methods. He/she forges traditional tools, handicrafts and necessities (e.g. coat hooks, handles, fireplace items) from different metals. His/her tasks are related to preparation, heat treatment and forging of metals, assembling a forging, finishing the surface of the forging and repairing simpler forgings.

The work requires orienting in the main historical styles and periods that have influenced forging, e.g. the Renaissance, Baroque, Classicism and Art Nouveau.

Blacksmith of level 4 assumes responsibility for performance of one's tasks but might need the assistance of a master with more complicated tasks. He/she is ready to share his/her experience.

It is important to follow the ethical requirements of a master craftsman and occupational safety and environmental requirements.

Blacksmith of level 4 is able to act as an undertaking, market his/her products, communicate with customers and provide services (e.g. making forgings according to specified designs, subcontracting and supervising amateurs within the limits of his/her skills).

Competencies

- Making forgings
- Preparing working drawings and reading designs
- Provision and use of materials
- Preparation of work process
- Preparation and use of tools and equipment
- Establishment of ergonomic and safe working environment
- Making and finishing products
- Marketing forged products and blacksmith services
- Designing products and services
- Trading products and services

^(*) Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information available at: <http://europass.cedefop.europa.eu/en/home>

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4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE ⁽¹⁾

Maker of forgings, metal artist assistant, designer assistant

⁽¹⁾ If applicable

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate The occupational certificate that has been issued by the professional council that operates under the activity license issued by a Awarding Body	Name and status of the national/regional authority providing accreditation/recognition of the certificate Sector Skills Council approved by a Regulation of the Government of the Republic
Level of the certificate (national or international) Estonian Qualification Framework level 4 European Qualification Framework level 4	Grading scale / Pass requirements passed/fail
Access to next level of education/training Blacksmith, level 5	International agreements
Legal basis Occupational Qualifications Act (RT I 2008, 24, 156; 01.09.2008)	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.

More information (including a description of the national qualifications system) available at:
www.kutsekoda.ee