

Izdelovalec/izdelovalka kovinskih konstrukcij

Selected qualifications

Podkovski kovač/podkovska kovačica 

Name of qualification	Izdelovalec/izdelovalka kovinskih konstrukcij
Translated title (no legal status)	Metal Construction Maker
Type of qualification	Srednja poklicna izobrazba
Category of qualification	Izobrazba
Type of education	Upper secondary vocational education
Duration	3 years
Credits	180 credits
Admission requirements	<ul style="list-style-type: none">• Elementary school education or• lower vocational education, or• equivalent education under previous regulations.
ISCED field	Field Tehnika, proizvodne tehnologije in gradbeništvo

ISCED subfield

subfield metalurgija, strojništvo in kovinarstvo

Qualification level

SQF 4
EQF 4

Learning outcomes

The holder of the certificate is qualified to:

- use technology and technology procedures for the manufacture of constructions and metal construction elements;
- manufacture different steel construction products and install elements and semi-manufactured products correctly and safely;
- perform transport of construction parts, assemble, protect and maintain constructions and construction elements;
- treat load constructions and use testing procedures;
- correctly select materials and treatment process in the light of product requirements;
- perform basic procedures of welding by fire and soldering as well as sticking of metal and non-metallic materials;
- select appropriate burners, feeder materials and set welding parameters;
- prepare welding edges and clean welding surfaces in compliance with welding procedure requirements and perform visual and dimensional; control of components;
- carry out basic shredding methods, mechanical treatment of materials and corrosion preventing procedures;
- employ technical and technology documentation, technical regulations, standards, technical plans and manufacturer's instructions;
- chose and carry out technological treatment procedures, transformation or joining of materials in the light of material and the purpose of use;
- use measuring and control devices, tools and machines for construction manufacture and assembly;
- carry out and provide for measures aimed at health and safety at work, environment protection, fire safety and accident prevention;
- have a positive attitude towards measures aimed at pollution reduction and environment protection;
- estimate on rational energy use, use of energy resources and waste management;
- cooperate in a group, communicate in writing and orally with co-workers, experts and clients by employing basic professional terminology;
- use modern IT, work with resources, data and materials;
- think entrepreneurially, manage costs and calculations, act responsibly and socially in the working environment.

Optional:

- select materials and use different equipment for MIG/MAG and TIG welding procedures;
- carry out MIG/MAG/TIG welding procedures and manufacture simple welding compounds.
- use different arc-welding machines and choose basic and feeder elements;
- weld different joints and materials in different positions.
- assess the use of special welding procedures;
- conduct an ecological impact assessment on the use of individual machines, appliances and welding procedures.

In addition, the holder of the certificate also upgraded his/her key professional skills and competences with

key general knowledge and skills in line with national standards.

Assessment and completion

S preverjanjem in ocenjevanjem se ugotavlja, kako dijak obvladuje poklicne zmožnosti, spretnosti in veščine ter kako izpolnjuje pogoje za doseganje kreditnih točk v skladu z izobraževalnim programom. Pri ocenjevanju dijaka se upošteva tudi neformalno pridobljeno znanje, ki mora biti ustrezno dokazano. Dijaki so ocenjeni z ocenami od 5 (odlično) do 1 (nezadostno).

Progression

Students may progress to a higher year if at the end of the academic year they achieve a positive score in all general education subjects and technical modules for the year as set out in the school's operational curriculum, and have completed all extracurricular activities and practical on-the-job training, or progress on the basis of a programme faculty decision.

For students with individual learning agreements, passing an intermediate test is a condition for progression from the second year to the third year.

Transitions

Secondary technical, vocational or vocational-technical education; master craftsman/foreman/shop manager examination (SQF level 5).

Condition for obtaining certificate

In order to complete the education and obtain the qualification, the student/apprentice must successfully pass with positive grades:

- general education subjects,
- mandatory professional modules,
- one of the optional professional modules,
- open part of the open curriculum.

In addition, he/she must complete:

- other forms of extracurricular activities (active citizenship and interest activities),
- obligations in practical training through work placement,
- intermediate test (applies to apprentice form of education and students with an individual learning contract in the school form of education),
- final exam.

The final exam includes:

written and oral examination of Slovenian language,
presenting and defending a service

Awarding body

Vocational and technical secondary schools and adult education institutions.

URL

<https://paka3.mss.edus.si/registriweb/ProgramPodatki.aspx>
