

Archived

# Inštalater/inštalaterka strojnih inštalacij

## Selected qualifications

<b>Name of qualification</b>	Inštalater/inštalaterka strojnih inštalacij
<b>Translated title (no legal status)</b>	Installer of Machine Installations
<b>Type of qualification</b>	Srednja poklicna izobrazba
<b>Category of qualification</b>	Izobrazba
<b>Type of education</b>	Upper secondary vocational education
<b>Duration</b>	3 years
<b>Credits</b>	180 credits
<b>Admission requirements</b>	<ul style="list-style-type: none"><li>• Elementary school education or</li><li>• lower vocational or equivalent education under previous regulations.</li></ul>

## ISCED field

Field  
Tehnika, proizvodne tehnologije in gradbeništvo

## ISCED subfield

subfield metalurgija, strojništvo in kovinarstvo

## Qualification level

SQF 4  
EQF 4

## Learning outcomes

Certificate holders will be able to:

- carry out hot and cold forming processes with an emphasis on sheet metal, profiles and pipes;
- determine dimensions of basic elements of installations and select basic elements for a simple installation;
- carry out basic oxyacetylene welding, soldering and glueing procedures on metal and non-metal materials;
- design and make prefabricated elements and carry out repairs;
- carry out corrosion, heat and noise protection of mechanical installations;
- test and start up power plants and installations;
- maintain and service various mechanical installations;
- use appropriate measuring devices to take technical and technological measurements;
- use the measuring and control devices, tools and machines that are used in the manufacture and assembly of structures;
- implement protective measures for safe work and actively protect own health;
- show a positive attitude towards measures to reduce pollution, improve protection of the environment and promote the rational use of energy and materials;
- work in a group and communicate in writing and orally with colleagues, experts and customers, using basic professional terminology;
- use modern IT and work with resources, data and materials;
- demonstrate understanding of the role of entrepreneurship and familiarity with the enterprise process, financial operations, business plans and cost control, and
- carry out calculations;

(elective)

- install, assemble, connect, test and maintain simple heating and cooling systems;
- design, manufacture, assemble and connect simple prefabricated elements and maintain ventilation and air conditioning systems;
- install, assemble, connect, test and maintain simple water supply and drainage installations;
- manufacture simple prefabricated elements, install, assemble, maintain and repair gas installations.

Certificate holders supplement their key vocational knowledge and abilities with key general knowledge in line with national standards.

## Assessment and completion

Students' vocational abilities and skills, and the fulfilment of conditions to obtain credits in accordance with the relevant education programme are established through verification and assessment. Assessment of students also takes into account non-formally acquired knowledge, which must be adequately demonstrated. Students are assessed using grades from 5 (excellent) to 1 (inadequate).

## 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

Students must successfully (i.e. with passing grades) complete all general education subjects, compulsory vocational modules, three elective vocational modules and the open part of the curriculum. They must also complete all extracurricular activities, practical on-the-job training and pass a school-leaving examination. The school-leaving examination comprises a written and oral examination in Slovene, a service and an oral presentation.

## Awarding body

Vocational and technical secondary schools and adult education institutions.

URL

<https://paka3.mss.edus.si/registriweb/ProgramPodatki.aspx?ProgramID=5753>

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