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# Operater/operaterka sistema za 3D tisk in dodajalno tehnologijo

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## Selected qualifications

Vojak bolničar/vojakinja bolničarka 

**Name of qualification** Operater/operaterka sistema za 3D tisk in dodajalno tehnologijo

**Translated title (no legal status)** Operator of the 3D printing system and additive technology

**Type of qualification** Nacionalna poklicna kvalifikacija, SOK raven 5

**Category of qualification** Poklicna kvalifikacija

## Admission requirements

- Completed elementary school and at least five years of work experience in the field of 3D printing and additive technologies; the work experience can be demonstrated by the candidate with a contract of employment / work on the project or by the employer's letter with attached documentation\* of at least five products made with 3D printing technology or additional technologies, or
  - upper secondary vocational education and at least three years of work experience in the field of 3D printing and auxiliary technologies or at least upper secondary or secondary technical education and at least one year of work experience in the field of 3D printing and additional technologies. The candidate can prove his / her work experience with an employment / project contract or with the employer's reference letter with attached documentation \* for the production of at least one product made with 3D printing technology or additional technologies.
- \* Documentation includes: product or product photo (in case the product cannot be attached, the candidate explains why it was not attached), 3D computer model, technical description of the product (product purpose), measurements of product accuracy and justification of measurements and suitability of choice technology and material for the manufacture of the accompanying product.

## ISCED field

Field  
Tehnika, proizvodne tehnologije in gradbeništvo

## ISCED subfield

subfield metalurgija, strojništvo in kovinarstvo

## Qualification level

SQF 5  
EQF 4

## Learning outcomes

The candidate is able to:

- plan and organize their work and the work of the group
- rational use of energy, material and time
- ensure the quality and performance of work in the work environment in accordance with standards
- perform work in a way that does not endanger oneself, others, property and the environment
- in their work to take into account the principles of rational use of energy, materials and time
- behave responsibly, enterprisingly and ethically
- communicate with various stakeholders and use modern information and communication technology required in the field of 3D technology
- carry out the work in accordance with technical and technological instructions
- download, review and prepare a 3D file to create a 3d model / product
- to make a product in 3D printing technique and additive technology
- manage 3D printing system and additive technology
- perform finishing operations on the fabricated 3d-model / product

## Accessors

Verification and assessment are carried out by committees for the verification and validation of national vocational qualifications, appointed by the National Examination Centre (NEC). Committee members must be licensed by the National Examination Centre. Licences may be found [here](#).

## Assessment and completion

### VALIDATION

During the guidance process the candidate prepares a portfolio, which is evaluated by a committee. If the candidate has submitted authentic, valid and relevant proof of knowledge, skills and competences from the operational standard, the committee may:

- validate the contents of the occupational standard in full,
- validate the contents of the occupational standard in part and define the knowledge, skills and competence to be verified,
- refuse to validate any of the contents of the occupational standard because the candidate has not provided proof of any of the knowledge, skills and competences under the occupational standard, in which case it will verify the occupational standard in full.

### VERIFICATION METHOD

Service with an oral presentation.

## Condition for obtaining certificate

Candidates demonstrate attainment of the knowledge, skills and competences defined in the catalogue of standards of vocational knowledge and skills.

## Awarding body

Providers of procedures for identifying and validating national vocational qualifications are entered in a register of providers maintained in the relevant database of the National Reference Point for Occupational Qualifications. Providers include: vocational schools, companies, inter-company training centres, adult education centres, chambers of commerce, etc.

### URL

<https://www.nrpslo.org/podrobnosti/npk/85836141>

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