SLOVENSKO
OGRODJE
KVALIFIKACIJ

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Brizgalec/brizgalka plastičnih mas

Selected qualifications

Name of qualification	Brizgalec/brizgalka plastičnih mas
Translated title (no legal status)	Plastic injection moulding worker
Type of qualification	Dodatna kvalifikacija, SOK raven 4
Category of qualification	Dodatna kvalifikacija
Duration	52 hours
Admission requirements	• At least completed upper secondary vocational education, • 1 year of work experience in polymer processing procedures or 2 years in industrial production.
ISCED field	Field Tehnika, proizvodne tehnologije in gradbeništvo
ISCED subfield	subfield lesarska, papirniška, plastična, steklarska in podobna tehnologija

Qualification level

SQF 4
EQF 4

Valid

Monday, 1. January 2018 - 0:00 to Saturday, 31. December 2022 - 0:00

Learning outcomes

Candidates will be able to:

- use plastic materials and check their suitability: is familiar with trade names, specifications and basic chemical, processing and physical properties of basic plastic materials
- prepare material in advance and identify independently the key parameter values for processing using the injection moulding procedure, and explain process parameters and protocols;
- understand the basics of the design and assembly of injection moulding tools;
- identify the injection moulding technology for a particular material or product;
- mount, assemble, disassemble and dismount injection moulding tools independently;
- set peripheral devices (material dryers, mills, manipulators, process control, temperature control devices) and injection moulding machines
- supervise a selected production process of injection moulding, carry out the basic optimisation of the process and eliminate the most obvious product defects pursuant to the prescribed protocol;
- put forth options for technological improvements of a process, tools or installation;
- manage controllers and process parameter settings on a machine

Assessment and completion

Verification of the attainment of the learning outcomes identified in the qualification standard will be carried out in several ways:

- Written assignments
- Practical examination
- Oral defence

Condition for obtaining certificate

- Attendance at lectures (at least 75%);
- Successfully passed examination.

Awarding body

Razvojni center orodjarstva Slovenije - TECOS

URL

Razvojni center orodjarstva Slovenije - TECOS