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| 1. Name of the Certificate 1 |
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| Field of study 2464 H machine engineer |
| 2. Translated title of the Certificate 2 |
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| Učebný odbor 2464 H strojný mechanik (sk) |
| 3. Profile of skills and competences |
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| The holder of the certificate is able:   * to act independently in social and professional life, * to express themselves in the official language and one foreign language in written and spoken form, * to apply the basic principles of financial literacy, consumer protection and to understand business and work, * to use information and communication technologies to solve practical tasks, * to work in diverse groups, to cooperate in a team, to organise their work, * to act environmentally with a view to a sustainable development strategy, * to apply the principles of occupational health and safety and environmental protection, * to characterise the construction, principles, and methods of operation of machines and equipment in mechanical engineering, * to name individual machine parts and determine their function in individual machines and equipment, * to select and prepare the necessary tools, devices, machines and devices, material and raw materials necessary for a specific technological process and to use them efficiently, * to carry out tasks in the manual working of metal, * to machine and shape metal and non-metal materials on machinery, * to design and implement the technological procedure of assembly and disassembly of groups and units in compliance with the principles for the use of components in units, * to use various types of mechanised tools, * to work in accordance with approved procedures, to comply with technical rules, technical and technological standards, including hygiene-related and safety and fire protection measures, to observe the principles of environmental protection and ecology, * to sharpen tools, * to assemble detachable component joints into simpler units and to do simple fitting of the parts and observe the assembly order, * to conduct checks of dimensions and shapes of products and to control the quality of completed work using suitable gauges and measurement devices, * to identify failures, to assess the effectiveness of product repair, to determine and implement optimal repair method. |
| 4. Range of occupations accessible to the holder of the certificate 3 |
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| Graduates find work in the mechanical engineering industry as engineers specialising in machines and equipment, assemblers – locksmiths, machine engineers, locksmiths in engineering, transport and construction companies specialising in production, assembly, and repair of machines and equipment, assembly of steel structures, pipes, and boilers, in welding and forging. |

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| 5. Official basis of the certificate | |
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| Body awarding the certificate | Authority providing accreditation / recognition of the certificate |
|  | Ministry of Education, Science, Research and Sport of the Slovak Republic  Stromová 1  813 30 Bratislava  Phone: +421 2/59 374 111  [www.minedu.sk](http://www.minedu.sk) |
| Level of the certificate (national or European) 1  Secondary vocational education  SKQF/EQF 3  ISCED 353 | Grading scale / Pass requirements  1 – excellent  2 – praiseworthy  3 – good  4 – sufficient  5 – insufficient |
| Access to e next level of education / training 1  Advanced study educational programmes for graduates of the 3-year field of study  SKQF/EQF 4, ISCED 454 | International agreements on the recognition of qualifications 1 |
| Legal basis | |
| Act No. 245/2008 Coll. on Education and Training (Education Act) and on amendment of certain acts; Act No. 61/2015 Coll. on Vocational Education and Training and on amendment of certain acts; Decree of the Ministry of Education of the Slovak Republic no. 318/2008 Coll. on the completion of studies at secondary schools, as amended. | |
| 6. Officially recognised ways of acquiring the certificate | |
| Successful completion of the three-year training program in the given field of study by passing the final examination. | |
| 7. Additional information  This Europass Certificate Supplement is valid together with the school leaving certificate issued by the relevant secondary school (the name and address of the school is specified on the certificate). More details about the education and training system are available at www.minedu.sk/data/files/7421.jpg, more details as to the organisation of the educational system are available at www.minedu.sk, and the details of educational programs are available at www.siov.sk and at the website of the specified school. | |
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| Entry requirements 1   * Completion of 9th year of primary school * Demonstration of required knowledge prerequisites via admission procedure | |
| More information (including a description of the national qualifications system) | |
| Ministry of Education, Science, Research and Sport of the Slovak Republic, Study and Training Group  <https://www.minedu.sk/18673-sk/studijne-a-ucebne-odbory-sauo/> | |
| National Europass Centre | |
| State Vocational Education Institute  Bellova 54/a,  837 63 Bratislava  [europass@siov.sk](mailto:europass@siov.sk)  [www.europass.sk](http://www.europass.sk) | |