

**1. TITLE OF THE CERTIFICATE (DE)<sup>(1)</sup>**

**Abschlussprüfungszeugnis der  
Fachschule für Maschinen- und Anlagentechnik**

<sup>(1)</sup> in original language

**2. TRANSLATED TITLE OF THE CERTIFICATE (EN)<sup>(2)</sup>**

**Final Examination Certificate of school of mechanical and plant engineering**

<sup>(2)</sup> This translation has no legal status.

**3. PROFILE OF SKILLS AND COMPETENCES**
**Technical competences:**

- manual and mechanical processing of metallic materials and plastics and the manufacture of complex workpieces and plant components
- manual and mechanical production of mechanical assemblies for plant engineering
- assembly of mechanical, pneumatic, hydraulic and control components and systems into functional units in mechanical and plant engineering
- commissioning, programming and adjustment of machine and plant subsystems as well as measuring, control, regulation and monitoring equipment
- maintenance and repair of machines and plants, the detection of malfunctions and the rectification of faults using suitable measuring, testing and diagnostic methods
- preparation, recording, planning and documentation of work processes, taking into account the requirements of quality management
- appropriate use of current control hardware and software for mechanical and plant engineering.

**Personal and social competences:**

- precise and systematic execution of practical tasks according to technical specifications, in conformity with standards and laws
- completion of work orders both independently and in a team with other specialists
- further training in the areas relevant to plant engineering and
- communication with customers and suppliers, creation of simple documentation, understanding of English descriptions and technical literature.

**4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE<sup>(3)</sup>**
**Range of occupations:**

- qualified use in the field of process engineering, heat and air conditioning technology and environmental technology
- production, assembly, installation, commissioning, troubleshooting and maintenance of components, machines and plants
- programming and parameter setting of control systems
- troubleshooting and diagnosis and rectification of faults in plant control systems
- documentation of machines and plants using relevant software
- creation of operating instructions and maintenance plans.

**Pursuit of regulated professions on a self-employed basis** (see also [www.gewerbeordnung.at](http://www.gewerbeordnung.at))

<sup>(3)</sup> if applicable

**(\*) Explanatory note**

This document has been developed with a view to providing additional information on individual certificates; it has no legal effect in its own right. This explanatory note refers to Council Resolutions 93/C 49/01 of 3 December 1992 on the transparency of qualifications and 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers. More information on transparency is available at: <http://europass.cedefop.europa.eu> and [www.europass.at](http://www.europass.at)

<b>5. OFFICIAL BASIS OF THE CERTIFICATE</b>	
<p><b>Name and status of the body awarding the certificate</b> Educational institution recognised by the State of Austria, for address see certificate</p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Federal Ministry of Education, Science and Research</p>
<p><b>Level of the certificate (national or international)</b> EQF/NQF 4 ISCED 35</p>	<p><b>Grading scale / Pass requirements</b> 1 = excellent (excellent performance) 2 = good (good performance throughout) 3 = satisfactory (balanced performance) 4 = sufficient (performance meeting minimum pass levels) 5 = not sufficient (performance not meeting minimum pass levels)  In addition, the overall performance at the final exam is rated as follows: Pass with distinction, Good pass, Pass, Fail</p>
<p><b>Access to next level of education/training</b> Access to the Berufsreifeprüfung, to an add-on course or a VET college for people in employment. The holder of the certificate has access to study at a university of applied sciences, but has to take additional examinations if the course taken requires this.</p>	<p><b>International agreements</b> The training level of a training programme completed with this certificate satisfies the requirements set out in Article 11, point (b) of Directive 2005/36/EC on the recognition of professional qualifications, as last amended by Directive 2013/55/EU.</p>
<p><b>Legal basis</b> Curriculum regulation, Federal Law Gazette II No 205/2007 and examination regulation for BMHS (concerning the final exams in vocational schools and colleges), Federal Law Gazette II No 177/2012 as amended</p>	

<b>6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE</b>
<p>1. Training and education as defined by the National Curriculum for school of mechanical and plant engineering 2. External examination procedure according to the external examination ordinance (Externistenprüfungsverordnung)</p>
<p><b>Additional information:</b> <b>Entry requirements:</b> successful completion of school year 8, if necessary entrance examination <b>Duration of education:</b> 4 years <b>Duration of work placement:</b> in total 4 weeks <b>Educational objectives:</b> Intensive four-year vocational training in general education, practical, theoretical and commercial subjects. Teaching of methods of thinking as well as working and decision-making skills which the graduates need to directly exercise professions in the business sphere, in administration and in the field of mechanical and production engineering. Further essential objectives include: personal growth and development, capacity for professional mobility and flexibility, creativity, critical faculty, social commitment, communication skills in the mother tongue and in at least one foreign language. <b>Subjects include:</b> see List of Subjects in the Final Examination Certificate <b>More information</b> (including a description of the national qualification system) is available at: <a href="http://www.zeugnisinfo.at">http://www.zeugnisinfo.at</a> and <a href="http://www.bildungssystem.at">http://www.bildungssystem.at</a> and <a href="http://www.bmbwf.at">http://www.bmbwf.at</a> <b>National Reference Point:</b> <a href="mailto:info@zeugnisinfo.at">info@zeugnisinfo.at</a> <b>National Europass Center:</b> <a href="mailto:europass@oead.at">europass@oead.at</a> Ebendorferstraße 7, A-1010 Vienna; Tel. + 43 1 53408-684</p>