



1. TITLE OF THE CERTIFICATE (DE) ⁽¹⁾
Reife- und Diplomprüfungszeugnis der Höheren Lehranstalt für Aviation Technology
⁽¹⁾ in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN) ⁽²⁾
School Leaving Certificate and Diploma Certificate of the Higher Federal Technical College of Aviation Technology
⁽²⁾ This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES
<p>A typical holder of the certificate is able to</p> <ul style="list-style-type: none"> ▪ carry out typical engineering activities in the fields of aviation management systems, engineering mechanics, materials science and manufacturing engineering, lightweight design, engine technology and avionics. The focus here is on the development, calculation, design, manufacture and testing of aeronautical components. ▪ communicate about technical and economic matters orally and in writing in the English language <p>apply typical engineering principles in the fields of:</p> <ul style="list-style-type: none"> ▪ generally have a sound understanding of the design, planning, certification, manufacture of aircraft components and a solid understanding of the interaction of planning, testing and manufacture, as well as a high level of application security in the listed areas of activity: ▪ Aviation management systems, human performance capability ▪ Certification and quality management systems of aviation-related quality systems (EASA, ISO, JAA) ▪ Design, product development and simulation with focus on aviation and components ▪ Calculations on aircraft and their components (flow, statics, strength, durability, electrics) ▪ Designing and testing machine elements ▪ Materials science and manufacturing engineering (metallic materials, plastics, composites) ▪ Material and component testing ▪ Test bench technology and laboratory operation, DOE. ▪ Conceiving and designing, simulating and optimising aircraft engines and their assemblies ▪ Aircraft electronics, flight control systems, air navigation, radio navigation and satellite navigation ▪ Planning and operational controlling, calculation and investment calculation <p>prepare to contribute their personal and social competences in the fields of interdisciplinary work and activities in management, as well as their problem-solving skills, capacity for teamwork, creativity, entrepreneurial thinking and acting, customer-orientation</p>

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE ⁽³⁾
<p>Range of occupations: Technical expert and senior manager in the development, calculation, simulation, design and realisation of equipment in the mechanical engineering sector, as well as in the aeronautical engineering sector, metrological inspection, testing and validation, certification, quality assurance and maintenance of components. Project manager. Senior employee and project leader.</p> <p>Pursuit of regulated professions on a self-employed basis (www.gewerbeordnung.at)</p>

⁽³⁾ if applicable
<p>(*) Explanatory note The Certificate supplement provides additional information about the certificate and does not have any legal status in itself. Its format is based on the Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.</p>

5. OFFICIAL BASIS OF THE CERTIFICATE	
Name and status of the body awarding the certificate Educational institution recognized by the State of Austria, for address see certificate	Name and status of the national/regional authority providing accreditation/recognition of the certificate Federal Ministry of Education, Science and Research
Level of the certificate (national or international) EQF/NQF 5 ISCED 55	Grading scale / Pass requirements 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
Access to next level of education/training In accordance with the School Organisation Act (Schulorganisationsgesetz), Federal Law Gazette no. 242/1962 as amended, this certificate entitles holders to attend a university, a post-secondary VET course (Kolleg), and a post-secondary VET college (Akademie); in accordance with the Act on Fachhochschule Study Programmes (Bundesgesetz über Fachhochschul-Studiengänge), Federal Law Gazette no. 340/1993 as amended, to attend a Fachhochschule study programme; and in accordance with the 2005 Higher Education Act (Hochschulgesetz), Federal Law Gazette I no. 30/2006 as amended, to attend a university college of teacher education (Pädagogische Hochschule).	International agreements <ul style="list-style-type: none"> • European Convention on the Equivalence of Diplomas leading to Admission to Universities, Federal Law Gazette no. 44/1957 • Convention on the Recognition of Qualifications concerning Higher Education in the European Region, Chapter IV, Federal Law Gazette III no. 71/1999 • Training completed with this certificate is a regulated education and training programme in accordance with Article 11, point (c) (ii) of Directive 2005/36/EC on the recognition of professional qualifications, as last amended by Directive 2013/55/EU. The level of training corresponds to point (c) of Article 11 of the Directive.
Legal basis National curriculum, Federal Law Gazette no. II Nr. 383/2021 current version Examination specification BMHS (concerning the final exams in vocational schools and colleges), Federal Law Gazette II no. 177/2012 current version	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE
1. Training and education as defined by the National Curriculum for Secondary Colleges of Aeronautical Engineering 2. External certification as defined in Federal Law Gazette II no. 362/1979 current version
Additional information Entry requirements: successful completion of school year 8; if necessary entrance examination Duration of Education: 5 years Duration of compulsory work placement: totally 8 weeks Educational objectives: Intensive five-year initial training programme in occupation-related practice and occupation-related theory, as well as in general education subjects, technical-scientific and business-related subjects. Independent use of thinking methods as well as attitudes towards work and decision-making which qualify graduates to immediately exercise professions at executive level in the engineering, arts and crafts sector in industry and trade as well as to take up higher studies. Use of personal and social competences in the way they are required for modern forms of work and communication – including in multicultural teams. Modern frames of mind and attitudes to work such as a cosmopolitan approach, creativity and innovation capacity. Subjects include: see List of Subjects in the Reifeprüfung-Certificate and VET-Diploma More information (including a description of the national qualification system) is available at: http://www.certificate.at or at http://www.edusystem.at or at http://www.bmbwf.gv.at National Europass Centre: europass@oead.at OeAD, Ebendorferstraße 7, A-1010 Wien; Tel. + 43 1 53408-684