

# CERTIFICATE SUPPLEMENT (\*)

1. TITLE OF THE CERTIFICATE (DE) <sup>(1)</sup>
<b>Reife- und Diplomprüfungszeugnis der Höheren Lehranstalt für Rohstoff- und Energietechnik</b>
<sup>(1)</sup> in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN) <sup>(2)</sup>
<b>School Leaving Certificate and Diploma Certificate of the Higher Federal Technical College of Raw Materials and Energy Engineering</b>
<sup>(2)</sup> This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES
<p>A typical holder of the certificate is able to carry out typical engineering and business administration activities in the fields of raw materials and energy engineering taking into account ecological-economic considerations. A certificate holder is able to carry out typical engineering activities in the fields of</p> <ul style="list-style-type: none"><li>▪ business administration, such as planning, implementing and optimising business processes, as well as the efficient use of resources for production and services</li><li>▪ manage projects and take over leadership positions in businesses and organisations</li><li>▪ communicate about technical and economic matters orally and in writing in the English language</li></ul> <p>a certificate holder is also able to</p> <ul style="list-style-type: none"><li>▪ apply the principles of sales and marketing</li><li>▪ apply the principles of materials management and logistics</li><li>▪ apply the principles of process and production planning as well as of production control</li><li>▪ apply the principles of using information systems and enterprise resource planning (ERP)</li><li>▪ apply the principles of quality and environmental management</li><li>▪ apply the principles of accounting, balancing, cost accounting, financing and investment, economic and tax law</li><li>▪ apply the principles of human resources management and employee management, business organisation, workplace and production-site planning</li></ul> <p>apply typical engineering principles in the fields of</p> <ul style="list-style-type: none"><li>▪ geology, geotechnical engineering, depositology and mine surveying (including practical application)</li><li>▪ mining and recycling of mineral raw materials and their processing and refinement</li><li>▪ selection and design of modern and ecological energy supply- and storage systems</li></ul> <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 <sup>(3)</sup>
<b>Range of occupations:</b> Technical expert in the fields of geology, depositology, exploration, prospection, mining, conveying, processing, refining and recycling of mineral raw materials as well as technical expert in the fields of energy engineering. Senior manager in the field of technical procurement/purchasing and sales, material management, process and production planning and controlling, cost accounting and controlling, marketing, business information systems. Project manager. Engineer for quality management. Senior employee and project leader.
<b>Pursuit of regulated professions on a self-employed basis</b> ( <a href="http://www.gewerbeordnung.at">www.gewerbeordnung.at</a> )

<sup>(\*)</sup> Explanatory note  
This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution

## 5. OFFICIAL BASIS OF THE CERTIFICATE

<p><b>Name and status of the body awarding the certificate</b> Educational institution recognized 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</p>
<p><b>Level of the certificate (national or international)</b>  EQF/NQF 5 ISCED 550</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)</p> <p>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> 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).</p>	<p><b>International agreements</b></p> <ul style="list-style-type: none"> <li>• European Convention on the Equivalence of Diplomas leading to Admission to Universities, Federal Law Gazette no. 44/1957</li> <li>• Convention on the Recognition of Qualifications concerning Higher Education in the European Region, Chapter IV, Federal Law Gazette III no. 71/1999</li> <li>• 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.</li> </ul>
<p><b>Legal basis</b> National curriculum according to the regulation by the Federal Ministry of Education and Women, no. 23.348/0007-Präs.12/2016. Examination specification BMHS (concerning the final exams in vocational schools and colleges), Federal Law Gazette II no. 177/2012 current version</p>	

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

<p>1. Training and education as defined by the National Curriculum for Secondary Colleges of Industrial Engineering-Business IT 2. External certification as defined in Federal Law Gazette II no. 362/1979 current version</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> 5 years <b>Duration of compulsory work placement:</b> totally 8 weeks <b>Educational objectives:</b> 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.</p> <p><b>Subjects include:</b> see List of Subjects in the Reifeprüfung-Certificate and VET-Diploma <b>More information</b> (including a description of the national qualification system) is available at: <a href="http://www.certificate.at">http://www.certificate.at</a> or at <a href="http://www.edusystem.at">http://www.edusystem.at</a> or at <a href="http://www.bmbf.gv.at">http://www.bmbf.gv.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:info@europass-info.at">info@europass-info.at</a></p>