



EQF assigned occupational profiles and curricula: EQF in the dual system approach in Austria

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In the paper, you can find background information about the dual system and respective occupational profiles [in Austria]. The dual system is the prototype of an outcomes-oriented VET-pathway.

Although there are some slight differences in the lexis of skills competences – compared to the European lexis of ECVET und EQF – the dual system focuses to the requirement of the work of skilled and competent work. Some recent occupational profiles shall prove this. Beginning with 2010 the lexis shall adapted to the European speech (ECVET, EQF).

1. Outcomes orientation in the Austrian dual system

In the Austrian apprenticeship system work process, orientation and outcomes orientation has functioned as the basis of the development of new occupational profiles or of modernization of occupational profiles since a long time. This is an ongoing process involving much research an expert cooperation with a close connection to the respective branches. Continuous modernisation of training regulations is of great importance to ensure that requirements on modern occupational profiles are met.

Although it can be stated that the dual system has a long tradition of work based and learning outcomes oriented education and training Austria is very open to learn from the new ideas which was distributed in connection with ECVET and EQF and the involved und uses European VET-related lexis.

Nevertheless, the system has always been outcomes-oriented to a high degree. The overall philosophy of the dual system can be found in the following sentences published by the respective minister:

„The knowledge and skills required for an apprenticeship trade are specified in training regulations as a result of labour market requirements.

In this respect, the ability to exercise an occupation is in the foreground: Training in an apprenticeship aims to qualify graduates to take up their chosen occupation immediately upon termination of training.

Training regulations thus lay down the minimum requirements on the training content to be imparted in the training enterprise. At the same time, a consistent training level for the individual apprenticeship trade is ensured. When specifying and wording the concrete training content, i.e. the individual elements of the occupational profile, it must always be considered that qualification and skills requirements are subject to regular changes.

Therefore, the individual items of the occupational profile are not laid down statically, but rather formulated dynamically, so that training can be adjusted easily to new developments.

Training regulations place much emphasis on the provision of key skills: independence, individual responsibility, teamwork, etc. are promoted significantly by enterprise-based training.

Environmentally friendly and quality-oriented work forms an integral part of every modern training regulation.

When creating training regulations, European integration is also taken increasingly into account.

This aims to increase the Austrian skilled workforce's willingness to be mobile and at the same time strengthen the Austrian enterprises' competitiveness.“

Source: Federal Ministry of Economy, Family and Youth: Apprenticeship. Dual Vocational Education and Training in Austria - Modern Training with a Future, p. 20. In the Internet:

http://www.ibw.at/de/infomaterial?page=shop.product_details&flypage=flypage.tpl&product_id=235&category_id=11 (21.08.2011)

Usually the social partners take the initiative for a new regulation. In any case, professional and practical requirements of the sector are always in the foreground. The Federal Advisory Board on Apprenticeship or the Ministry of the Economy prepares the content of training regulations. In this work, they are supported by sound research.

The following survey provides an official overview of procedures connected with the introduction of a new apprenticeship trade.

BOX 1. How to set up new VET-profiles

„Introducing a new apprenticeship trade

1. Preparation

- Identification of vocational and specialist prerequisites (e.g. due to the emergence of a new occupational field or changes in requirements in an existing occupational field) to design a new or adapt an existing apprenticeship trade, on the initiative of the Ministry of the Economy, the social partners or company representatives
- Clarification of the basic framework by the Ministry of Economy and the social partners
- Consideration of European and international developments as well as solutions introduced in other countries

2. Elaboration of the training regulation and framework curriculum

- Preparation of draft training regulations
- Expert discussions in the Federal Advisory Board on Apprenticeship
- Submission of expert opinions of the Federal Advisory Board on Apprenticeship to the Ministry of Economy
- Establishment of an expert group from the part-time vocational school area and the social partners under the leadership of the Education Ministry to develop a framework curriculum in compliance with the training regulation
- Preparation of drafts for nationwide review

3. Issuing of regulations

- Involvement of all stakeholders in a consultation and review process
- Evaluation of opinions and comments
- Issuing of apprenticeship training regulations by the Ministry of Economy and of framework curricula for part-time vocational schools by the Education Ministry

4. Follow-up measures

- Elaboration of supportive manuals and additional material by the companies' professional organisation, partly supported by the employees' representation or VET institutes to support training companies
- Provision of information to training enterprises by apprenticeship offices
- Training of trainers in enterprises and of teachers in part-time vocational schools

- Training of examiners of apprenticeship-leave examinations
- Continuous evaluation“

Source: Federal Ministry of Economy, Family and Youth: Apprenticeship. Dual Vocational Education and Training in Austria - Modern Training with a Future, p. 22). In the Internet:

http://www.ibw.at/de/infomaterial?page=shop.product_details&flypage=flypage.tpl&product_id=235&category_id=11 (21.08.2011)

This work package touches not only the question of work process orientation as the basis of outcome-oriented qualifications but also the consideration of country peculiarities and difficulties/obstacles.

2. Innovative modularized occupational profiles

A country peculiarity of Austria is the ongoing process of setting modularized occupational profiles. This is based on the general concept of a flexible VET. For this reason, it can be difficult to find strict correspondences to the three defined sectors. The amendment to the Vocational Training Act (BAG) in January 2006 created the possibility of modularising apprenticeships. It aims to increase the attractiveness of apprenticeship training.

BOX 2: The concept of modularisation in Austrian VET

„In modular apprenticeships, training comprises three modules:

Basic module

The basic module aims to impart the knowledge and skills required for carrying out basic activities of the modular apprenticeship. The basic module has a minimum duration of two years. In justified exceptional cases it can also be only one year long.

Main module

The main module comprises the knowledge and skills required for exercising the chosen specialisation (e. g. ventilation technology in the modular apprenticeship “Installations and Building Technology”). It has a minimum duration of one year. The combined duration of basic and main module must be at least three years.

Should the basic module - as mentioned above - only take one year in justified exceptional cases, the main module must therefore have a minimum duration of two years.

Special module

The special module aims to impart the knowledge and skills for special services, products or their production. It covers a training period of half a year or a full year. Within this system it is possible to combine different modules: Every apprentice in a modular scheme is obliged to complete the basic module and select a main module. In addition, the apprentice can be trained in another main module and one or several special modules. It must be noted that the overall training period must not exceed the total apprenticeship period of four years. The combination of modules must be selected as early as when concluding the apprenticeship contract - hence at the beginning of the apprenticeship period.

Although it is possible to change between the modules, this will lead to a change in the apprenticeship contract.

The modular structure - Benefits of modularisation

The option of combining different modules in case of modular apprenticeships offers the benefit for companies and apprentices that training can be designed more flexibly.

But it is not only in the training design that there is increased flexibility. In the introduction of new training content wider scope for action is also created by this modular system. Rather than modernising an entire

apprenticeship or adapting it to urgent skills requirements of the economy, modular apprenticeships also allow individual modules to be exchanged or updated. This makes quicker responses to changing sectoral requirements possible.

Thanks to modularisation it is furthermore no longer absolutely necessary to newly introduce an entire apprenticeship occupation. Rather it is possible to add new training content to existing systems in the form of modules. This has the advantage that the number of individual apprenticeships does not rise continually, which leads to enhanced transparency of the apprenticeship occupation landscape.

But the benefits of modularisation will be used not only in the new introduction and modernisation of apprenticeships. Existing individual apprenticeship occupations can also be combined in a modular system if contents overlap. This can lead to a useful reduction of the number of apprenticeships (while maintaining training diversity), which in turn improves clarity.“

Source: Federal Ministry of Economy, Family and Youth: Apprenticeship. Dual Vocational Education and Training in Austria - Modern Training with a Future, p. 24). In the Internet:

http://www.ibw.at/de/infomaterial?page=shop.product_details&flypage=flypage.tpl&product_id=235&category_id=11 (21.08.2011)

3. VET-profiles based on Units and Moduls of skills and competences

1. TITLE OF THE CERTIFICATE (DE)P^{(1)P}
Lehrabschlussprüfungszeugnis: Elektrotechnik – Automatisierungs- und Prozessleittechnik
(1) in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)P^{(2)P}
Certificate of Apprenticeship “Electrical Engineering specialising in Automation and Process Control Engineering” (f/m)
(2) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES^{P P}
<p>Basic and main module:</p> <ul style="list-style-type: none"> ▪ installation and commissioning of automation and process control systems ▪ servicing and maintenance of automation and process control systems ▪ search for and elimination of faults and defects on automation and process control systems ▪ optimisation and adaptation of automation and process control systems ▪ performance of the work taking into consideration relevant safety regulations, standards, environmental and quality standards ▪ appropriate written and oral command of language and mode of expression as well as use of job-related foreign language <p>Training courses in one of the following special modules can be provided in addition to the basic and main module, with the aim of offering more in-depth know-how and specialisation.</p> <p>Special module "Central Building Control Technology":</p> <ul style="list-style-type: none"> ▪ installation, programming, parameterising, commissioning and testing of building control systems ▪ servicing and maintenance of building control systems ▪ systematic search, localisation and elimination of faults, defects and failures of building control systems ▪ provision of advisory services to customers about issues related to central building control technology <p>Special module "Building Technology specialising in Service Work":</p> <ul style="list-style-type: none"> ▪ operation of building control systems ▪ systematic search, localisation and elimination of faults, defects and failures by using building control systems ▪ simple service and maintenance work on devices and installations of sanitary, heating, air conditioning and

<p>ventilation technology</p> <ul style="list-style-type: none"> ▪ systematic search, localisation and elimination of faults, defects and failures on devices and installations of sanitary, heating, air conditioning and ventilation technology ▪ provision of advisory services to customers about issues related to central building technology <p>Special module "Renewable Energies":</p> <ul style="list-style-type: none"> ▪ planning and dimensioning of installations with renewable energies ▪ installation, commissioning and testing of installations with renewable energies ▪ servicing and maintenance of installations with renewable energies ▪ systematic search, localisation and elimination of faults, defects and failures of installations with renewable energies ▪ provision of advisory services to customers about issues related to renewable energies
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<p>4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE ⁽³⁾</p> <p>Range of occupations: Employment primarily in industry.</p> <p>Pursuit of regulated professions on a self-employed basis: Qualifications pursuant to the 1994 <i>Gewerbeordnung</i> (Crafts, Trade and Industry Act): The crafts and trades regulated on the basis of the Crafts, Trade and Industry Act are subject to the provisions contained in the ordinances on the certificates of competence regarding the furnishing of certificates of competence for the self-employed exercising of a craft or trade. Final apprenticeship examinations that have been completed successfully shall replace, in particular, those parts of the master craftsperson examination which refer to subject-specific skills and knowledge related to the various crafts and trades.</p> <p>⁽³⁾ if applicable</p>

<p>(*) Explanatory note</p> <p>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 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/614/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.</p> <p>More information on transparency is available at: http://europass.cedefop.eu or www.europass.at</p>

<p>5. OFFICIAL BASIS OF THE CERTIFICATE</p>	
<p>Name and status of the body awarding the certificate Lehrlingsstelle der Wirtschaftskammer (Apprenticeship Office of the Economic Chamber; for the address, see certificate)</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate Bundesministerium für Wirtschaft, Familie und Jugend (Federal Ministry of Economics, Family and Youth)</p>
<p>Level of the certificate (national or international) ISCED 3B</p>	<p>Grading scale / Pass requirements Overall performance: Pass with Distinction Good Pass Pass Fail</p>
<p>Access to next level of education/training Access to the <i>Berufsreifeprüfung</i> (i.e. certificate providing university access for skilled workers), a part-time industrial master college or a VET college for people under employment. Access to courses at a <i>Fachhochschule</i> (i.e. university level study programme of at least three years' duration with vocational-technical orientation); additional examinations must be taken if the educational objective</p>	<p>International agreements International agreements on the mutual recognition of apprenticeship trades have been concluded between Germany, Hungary, the South Tyrol and Austria. More information on this topic may be obtained at the Austrian Federal Ministry of Economics and Labour.</p>

of the respective course requires it.	
<p>Legal basis</p> <ol style="list-style-type: none"> 1. Training Regulation and Examination Regulation for Electrical Engineering BGBl. II (Federal Law Gazette) No. 195/10 (enterprise-based training) 2. Curriculum framework (education at the vocational school for apprentices) 3. The present apprenticeship trade replaces the apprenticeship trade Complex Machinery Electrician (Training and Examination Regulation BGBl. II [Federal Law Gazette] No. 243/04, as amended by BGBl. II No. 177/05 and BGBl. II No. 104/07), Electrical Industrial Engineering specialising in Steering Systems (Training and Examination Regulation BGBl. II No. 326/99, as amended by BGBl. II No. 177/05, BGBl. II No. 104/07 and BGBl. II No. 99/08) and Steering Systems Technician (Training and Examination Regulation BGBl. II No. 1094/94, as amended by BGBl. II No. 177/05) which expired as of 30 June 2010. 4. The apprenticeship "Electrical Engineering" has been set up as a modular apprenticeship. Following the basic and main module, there exists the option to provide training in an additional main module or a special module. Apprentices can select the special modules "Central Building Control Technology", "Building Technology specialising in Service Work" and "Renewable Energies". Apprentices can select the additional main modules "Electrical and Building Engineering" or "Plant and Industrial Engineering". Information about the main modules is provided in the Certificate of Apprenticeship. 	

<p>6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE</p> <ol style="list-style-type: none"> 1. Training in the framework of the given Training Regulation for Electrical Engineering and of the curriculum of the vocational school for apprentices. Admission to the final apprenticeship examination upon completion of the apprenticeship period specified for the apprenticeship trade concerned. The final apprenticeship examination aims to establish whether the apprentice has acquired the skills and competences required for the respective apprenticeship trade and is able to carry out the activities particular to the learned trade herself/himself in an appropriate manner. 2. Admission to the final apprenticeship examination in accordance with Article 23 (5) of the Berufsausbildungsgesetz (Vocational Training Act). An applicant for an examination is entitled to sit the final apprenticeship examination without completing a formal apprenticeship training if she/he has reached 18 years of age and is able to prove acquisition of the required skills and competences by means of a relevant practical or an on-the-job training activity of appropriate length, by attending relevant courses etc. 	
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<p>Additional information:</p> <p>Entry requirements: successful completion of 9 years of compulsory schooling</p> <p>Duration of training: Basic module and main module: 3 ½ years; basic module, main module and special module/additional main modul: 4 years.</p> <p>Enterprise-based training: Enterprise-based training comprises 4/5 of the entire duration of the training and focuses on the provision of job-specific skills and competences according to Article 3 of the Training Regulation, BGBl. II (Federal Law Gazette) No. 195/10, enabling the apprentice to exercise qualified activities as defined by the profile of skills and competences specified above.</p> <p>Education at vocational school: School-based education comprises 1/5 of the entire duration of the training. The vocational school for apprentices has the tasks of imparting to apprentices the basic theoretical knowledge, of supplementing their enterprise-based training and of widening their general education in the framework of subject-oriented part-time instruction.</p> <p>More information (including a description of the national qualifications system) available at: www.zeugnisinfo.at or www.bmwfj.gv.at</p> <p>National Europass center: info@zeugnisinfo.at</p> <p>National reference point: Schottengasse 4, 1010 Vienna, Austria, tel. + 43 (1) 532 47 26 / 29 or 16</p>

1. TITLE OF THE CERTIFICATE (DE)P ^{(1)P}
Lehrabschlussprüfungszeugnis: Elektrotechnik – Anlagen- und Betriebstechnik
(1) in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)P ^{(2)P}
Certificate of Apprenticeship "Electrical Engineering specialising in Plant and Industrial Engineering" (f/m)
(2) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES^P
<p>Basic and main module:</p> <ul style="list-style-type: none"> ▪ installation and commissioning of electrical machinery and devices and company-specific plants ▪ servicing and maintenance of electrical machinery and devices, company-specific plants and systems related to building technology ▪ search for and elimination of faults and defects of electrical machinery and devices, company-specific plants and systems related to building technology ▪ installation, commissioning, testing, servicing and maintenance of systems of control and feedback control systems as well as search for and elimination of faults and defects of these systems ▪ performance of the work taking into consideration relevant safety regulations, standards, environmental and quality standards ▪ appropriate written and oral command of language and mode of expression as well as use of job-related foreign language <p>Training courses in one of the following special modules can be provided in addition to the basic and main module, with the aim of offering more in-depth know-how and specialisation.</p> <p>Special module "Central Building Control Technology":</p> <ul style="list-style-type: none"> ▪ installation, programming, parameterising, commissioning and testing of building control systems ▪ servicing and maintenance of building control systems ▪ systematic search, localisation and elimination of faults, defects and failures of building control systems ▪ provision of advisory services to customers about issues related to central building control technology <p>Special module "Building Technology specialising in Service Work":</p> <ul style="list-style-type: none"> ▪ operation of building control systems ▪ systematic search, localisation and elimination of faults, defects and failures by using building control systems ▪ simple service and maintenance work on devices and installations of sanitary, heating, air conditioning and ventilation technology ▪ systematic search, localisation and elimination of faults, defects and failures on devices and installations of sanitary, heating, air conditioning and ventilation technology ▪ provision of advisory services to customers about issues related to central building technology <p>Special module "Renewable Energies":</p> <ul style="list-style-type: none"> ▪ planning and dimensioning of installations with renewable energies ▪ installation, commissioning and testing of installations with renewable energies ▪ servicing and maintenance of installations with renewable energies ▪ systematic search, localisation and elimination of faults, defects and failures of installations with renewable energies ▪ provision of advisory services to customers about issues related to renewable energies <p>Special module "Electrical Engineering for Railways":</p> <ul style="list-style-type: none"> ▪ performance of recurrent testing of electrical engineering systems of railways (power engineering and traction energy) ▪ compilation of error diagnoses of electrical engineering systems of railways ▪ acceptance of failure reports and implementation of emergency measures ▪ performance of the work by taking the special risks of railway operations into account <p>Special module "Rail Safety Technology":</p> <ul style="list-style-type: none"> ▪ performance of recurrent testing of safety installations (e.g. signals, switches, signal boxes etc.)

- servicing and maintenance of safety installations
- search for and elimination of faults and defects on safety installations
- acceptance of failure reports and implementation of emergency measures
- performance of the work taking the special risks of railway operations into account

Special module "Railway Vehicle Technology":

- performance of testing, disassembly and assembly work on freight cars or railway carriages
- servicing and maintenance of freight cars or railway carriages
- search for and elimination of faults and defects on freight cars or railway carriages
- performance of work taking the special risks of freight cars or railway carriages into account

Special module "Railway Transport Engineering":

- operation of traction units (electrical or diesel traction units) when railway running operations are restricted locally
- application and implementation of company-specific and technical regulations of standards
- customer-oriented behaviour and customer-oriented communication
- performance of the work taking the special risks of railway vehicle operations into account

Special module "Railway Vehicle Maintenance Technology":

- performance of testing, disassembly and assembly work on railway vehicles
- servicing and maintenance of railway vehicles
- search for and elimination of faults and defects on railway vehicles
- performance of the work taking the special risks of railway vehicle operations into account

Special module "Railway Operations Technology":

- secure operation of mechanical, electrical and electronic signal control systems, company-specific communication facilities, railway power supply systems and company-specific safety systems if necessary
- application and implementation of the company's regulations of standards to attain the highest security of action
- customer-oriented behaviour and customer-oriented communication
- performance of the work taking the special risks of railway operations into account

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE ⁽³⁾

Range of occupations:

Employment in particular in industry as well as railway companies.

Pursuit of regulated professions on a self-employed basis:

Qualifications pursuant to the 1994 *Gewerbeordnung* (Crafts, Trade and Industry Act): The crafts and trades regulated on the basis of the Crafts, Trade and Industry Act are subject to the provisions contained in the ordinances on the certificates of competence regarding the furnishing of certificates of competence for the self-employed exercising of a craft or trade. Final apprenticeship examinations that have been completed successfully shall replace, in particular, those parts of the master craftsperson examination which refer to subject-specific skills and knowledge related to the various crafts and trades.

⁽³⁾ if applicable

(*) 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 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/614/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.eu> or www.europass.at

5. OFFICIAL BASIS OF THE CERTIFICATE	
Name and status of the body awarding the certificate Lehrlingsstelle der Wirtschaftskammer (Apprenticeship Office of the Economic Chamber; for the address, see certificate)	Name and status of the national/regional authority providing accreditation/recognition of the certificate Bundesministerium für Wirtschaft, Familie und Jugend (Federal Ministry of Economics, Family and Youth)
Level of the certificate (national or international) ISCED 3B	Grading scale / Pass requirements Overall performance: Pass with Distinction Good Pass Pass Fail
Access to next level of education/training Access to the <i>Berufsreifeprüfung</i> (i.e. certificate providing university access for skilled workers), a part-time industrial master college or a VET college for people under employment. Access to courses at a <i>Fachhochschule</i> (i.e. university level study programme of at least three years' duration with vocational-technical orientation); additional examinations must be taken if the educational objective of the respective course requires it.	International agreements International agreements on the mutual recognition of apprenticeship trades have been concluded between Germany, Hungary, the South Tyrol and Austria. More information on this topic may be obtained at the Austrian Federal Ministry of Economics and Labour.
Legal basis 5. Training Regulation and Examination Regulation for Electrical Engineering BGBl. II (Federal Law Gazette) No. 195/10 (enterprise-based training) 6. Curriculum framework (education at the vocational school for apprentices) 7. The present apprenticeship trade replaces the apprenticeship trade Complex Machinery Electrician (Training and Examination Regulation BGBl. II [Federal Law Gazette] No. 243/04, as amended by BGBl. II No. 177/05 and BGBl. II No. 104/07) and Electrical Plant Engineering (Training and Examination Regulation BGBl. II No. 325/99, as amended by BGBl. II No. 177/05) which expired as of 30 June 2010. 8. The apprenticeship "Electrical Engineering" has been set up as a modular apprenticeship. Following the basic and main module, there exists the option to provide training in an additional main module or a special module. Apprentices can select the special modules "Central Building Control Technology", "Building Technology specialising in Service Work", "Renewable Energies", "Electrical Engineering for railways", "Rail Safety Technology", "Railway Vehicle Technology", "Railway Vehicle Maintenance Technology" and "Railway Operations Technology". Apprentices can select the additional main modules "automation and steering systems engineering". Information about the main modules is provided in the Certificate of Apprenticeship.	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE
3. Training in the framework of the given Training Regulation for Electrical Engineering and of the curriculum of the vocational school for apprentices. Admission to the final apprenticeship examination upon completion of the apprenticeship period specified for the apprenticeship trade concerned. The final apprenticeship examination aims to establish whether the apprentice has acquired the skills and competences required for the respective apprenticeship trade and is able to carry out the activities particular to the learned trade herself/himself in an appropriate manner.
4. Admission to the final apprenticeship examination in accordance with Article 23 (5) of the Berufsausbildungsgesetz (Vocational Training Act). An applicant for an examination is entitled to sit the final apprenticeship examination without completing a formal apprenticeship training if she/he has reached 18 years of age and is able to prove acquisition of the required skills and competences by means of a relevant practical or an on-the-job training activity of appropriate length, by attending relevant courses etc.
Additional information: Entry requirements: successful completion of 9 years of compulsory schooling Duration of training: Basic module and main module: 3 ½ years; basic module, main module and special module/additional main modul: 4 years.
Enterprise-based training: Enterprise-based training comprises 4/5 of the entire duration of the training and

focuses on the provision of job-specific skills and competences according to Article 3 of the Training Regulation, BGBl. II (Federal Law Gazette) No. 195/10, enabling the apprentice to exercise qualified activities as defined by the profile of skills and competences specified above.

Education at vocational school: School-based education comprises $\frac{1}{5}$ of the entire duration of the training. The vocational school for apprentices has the tasks of imparting to apprentices the basic theoretical knowledge, of supplementing their enterprise-based training and of widening their general education in the framework of subject-oriented part-time instruction.

More information (including a description of the national qualifications system) available at:
www.zeugnisinfo.at or www.bmwfj.gv.at

National Europass center: info@zeugnisinfo.at

National reference point: Schottengasse 4, 1010 Vienna, Austria, tel. + 43 (1) 532 47 26 / 29 or 16

1. TITLE OF THE CERTIFICATE (DE)^{(1)P}

Lehrabschlussprüfungszeugnis Elektronik – Mikrotechnik

⁽¹⁾ in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)^{(2)P}

Certificate of Apprenticeship “Electronic Engineering specialising in Microengineering” (f/m)

⁽²⁾ This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES^P

Basic and main module:

- ▣ programming, installation, operation, feeding, conversion and monitoring of production plants
- ▣ monitoring, logging and optimisation of production processes
- ▣ implementation of process-accompanying tests and final tests as well as their computer-based documentation
- ▣ systematic search, localisation and elimination of faults, defects and failures of production facilities
- ▣ servicing and maintenance of production facilities
- ▣ compliance with the company's guidelines related to clean room clothing and behaviour in clean rooms
- ▣ performance of all tasks taking into consideration relevant quality, safety and environmental standards
- ▣ appropriate written and oral command of language and specialist terminology as well as use of job-related foreign language

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE ⁽³⁾

Range of occupations:

Employment in particular in the industry section and in the crafts and trade section.

Pursuit of regulated professions on a self-employed basis:

Qualifications pursuant to the 1994 *Gewerbeordnung* (Crafts, Trade and Industry Act): The crafts and trades regulated on the basis of the Crafts, Trade and Industry Act are subject to the provisions contained in the ordinances on the certificates of competence regarding the furnishing of certificates of competence for the self-employed exercising of a craft or trade. Final apprenticeship examinations that have been completed successfully shall replace, in particular, those parts of the master craftsperson examination which refer to subject-specific skills and knowledge related to the various crafts and trades.

⁽³⁾ if applicable

(*) Explanatory note

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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> or www.europass.at

5. OFFICIAL BASIS OF THE CERTIFICATE	
Name and status of the body awarding the certificate Lehrlingsstelle der Wirtschaftskammer (Apprenticeship Office of the Economic Chamber; for the address, see certificate)	Name and status of the national/regional authority providing accreditation/recognition of the certificate Bundesministerium für Wirtschaft, Familie und Jugend (Federal Ministry of Economy, Family and Youth)
Level of the certificate (national or international) ISCED 3B	Grading scale / Pass requirements Overall performance: Pass with Distinction Good Pass Pass Fail
Access to next level of education/training Access to the <i>Berufsreifeprüfung</i> (i.e. certificate providing university access for skilled workers), a part-time industrial master college or a VET college for people under employment. Access to courses at a <i>Fachhochschule</i> (i.e. a university level study programme of at least three years' duration with vocational-technical orientation); additional examinations must be taken if the educational objective of the respective course requires it.	International agreements International agreements on the mutual recognition of apprenticeship trades have been concluded between Germany, Hungary, the South Tyrol and Austria. More information on this topic may be obtained at the Austrian Federal Ministry of Economy, Family and Youth.
Legal basis 9. Training Regulation and Examination Regulation for Electronic Engineering BGBl. II (Federal Law Gazette) No. 147/11 (enterprise-based training) 10. Curriculum framework (education at the vocational school for apprentices) 11. The present apprenticeship trade replaces the apprenticeship trade Electronic Engineering (Training and Examination Regulation BGBl. II (Federal Law Gazette) No. 148/06), which expired as of 31 May 2011. 12. The apprenticeship "Electronic Engineering" has been set up as a modular apprenticeship. Following the basic and main module, there exists the option to provide training in an additional main module. Apprentices can select the additional main module "Applied Electronics". Information about the main modules is provided in the Certificate of Apprenticeship.	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE
5. Training within the framework of the given Training Regulation for Electronic Engineering and of the curriculum of the vocational school for apprentices. Admission to the final apprenticeship examination upon completion of the apprenticeship period specified for the apprenticeship trade concerned. The final apprenticeship examination aims to establish whether the apprentice has acquired the skills and competences required for the respective apprenticeship trade and is able to carry out the activities particular to the learned trade herself/himself in an appropriate manner. 6. Admission to the final apprenticeship examination in accordance with Article 23 (5) of the <i>Berufsausbildungsgesetz</i> (Vocational Training Act). An applicant for an examination is entitled to sit the final apprenticeship examination without completing a formal apprenticeship training if she/he has reached 18 years of age and is able to prove acquisition of the required skills and competences by means of a relevant practical or an on-the-job training activity of appropriate length, by attending relevant courses etc.
Additional information: Entry requirements: successful completion of 9 years of compulsory schooling

Duration of training: Basic module and main module: 3.5 years; basic module, main module and special module/additional main module: 4 years.

Enterprise-based training: Enterprise-based training comprises $\frac{4}{5}$ of the entire duration of the training and focuses on the provision of job-specific skills and competences according to Article 3 of the Training Regulation, BGBl. II (Federal Law Gazette) No. 147/11, enabling the apprentice to exercise qualified activities as defined by the profile of skills and competences specified above.

Education at vocational school: School-based education comprises $\frac{1}{5}$ of the entire duration of the training. The vocational school for apprentices has the tasks of imparting to apprentices the basic theoretical knowledge, of supplementing their enterprise-based training and of widening their general education within the framework of subject-oriented part-time instruction.

More information (including a description of the national qualification system) is available at:

<http://www.edusystem.at> and www.bmwfj.gv.at

National Reference Point: info@zeugnisinfo.at

National Europass Center: info@europass-info.at

1. TITLE OF THE CERTIFICATE (DE)P^{(1)P}
Lehrabschlussprüfungszeugnis Kraftfahrzeugtechnik – Motorradtechnik
(1) in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)P^{(2)P}
Certificate of Apprenticeship Motor Vehicle Engineering specialising in Motorcycle Engineering” (f/m)
(2) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES^P
<ul style="list-style-type: none"> ▪ application of mechanical, electrical and electronic measuring and testing procedures as well as computer-aided diagnostic equipment, and evaluation of results ▪ testing, dismantling and mounting, maintenance and servicing of mechanical components, engines and power transmission equipment installed in motorcycles ▪ testing, dismantling and mounting, maintenance and servicing of vehicle components such as the motorcycle frame, springing, wheel control, wheel suspension, steering system, brakes, wheels and tyres ▪ testing, dismantling and mounting, maintenance and servicing of a motorcycle's electrical and electronic installations ▪ simple testing, dismantling and mounting, maintenance and servicing of a motorcycle's safety, convenience and communications electronics ▪ testing, assessment, application and exchange of all coolants and lubricants as well as other fluids necessary for the operation of a motorcycle ▪ performance of the work by taking into consideration relevant safety regulations, basic technical and legal regulations, standards, safety standards and environmental standards related to motor vehicles ▪ appropriate written and oral command of language and mode of expression as well as use of job-related foreign language <p>Training in the following special module can be attended in addition to the basic and main module, with the aim of acquiring more in-depth know-how and specialisation. Special module "Systems Electronics":</p> <ul style="list-style-type: none"> ▪ implementation of testing, dismantling, mounting, maintenance, servicing and programming tasks on the convenience electronics and car-theft protection systems ▪ implementation of testing, dismantling, mounting, maintenance, servicing and programming tasks on the audiovisual telecommunications and entertainment electronics systems ▪ provision of advisory services to customers regarding the operation, settings and programming of car-theft protection systems and convenience and communications electronics devices

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE⁽³⁾
<p>Range of occupations: Employment in particular in motor vehicle workshops and garages of the crafts and trade sector, enterprises of the motor vehicle industry, vehicle fleets of public institutions and transport enterprises, companies with their own large vehicle fleet, or service institutions of automobile clubs.</p> <p>Pursuit of regulated professions on a self-employed basis: Qualifications pursuant to the 1994 <i>Gewerbeordnung</i> (Crafts, Trade, Service and Industry Act): The crafts, services and trades regulated on the basis of the 2002 Amendment to the <i>Gewerbeordnung</i> are subject to the provisions of the <i>Gewerbeordnung</i> on the furnishing of certificates of competency as contained in the respective regulations. Final apprenticeship examinations completed successfully replace, in particular, those parts of the master craftsperson examination which relate to subject-specific skills and competences in the various crafts and trades.</p>
(3) if applicable

<p>(*) 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 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/614/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training,</p>
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volunteers, teachers and trainers.
 More information on transparency is available at: <http://europass.cedefop.eu> or www.europass.at

5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the body awarding the certificate Lehrlingsstelle der Wirtschaftskammer (Apprenticeship Office of the Economic Chamber; for the address, see certificate)</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate Bundesministerium für Wirtschaft, Familie und Jugend (Federal Ministry of Economics, Family and Youth)</p>
<p>Level of the certificate (national or international) ISCED 3B</p>	<p>Grading scale / Pass requirements Overall performance: Pass with Distinction Good Pass Pass Fail</p>
<p>Access to next level of education/training Access to the Berufsreifeprüfung (i.e. certificate providing university access for skilled workers) or a technical and vocational college for people in employment. Access to courses at a Fachhochschule (i.e. university level study programme of at least three years' duration with vocational-technical orientation); additional examinations must be taken if the educational objective of the respective course requires it.</p>	<p>International agreements International agreements on the mutual recognition of apprenticeship trades have been concluded between Germany, Hungary, the South Tyrol and Austria. More information on this topic may be obtained at the Austrian Federal Ministry of Economics and Labour.</p>
<p>Legal basis 13. Training Regulation and Examination Regulation for Motor Vehicle Engineering BGBl. II (Federal Law Gazette) No. 408/08 (enterprise-based training) 14. Curriculum framework (education at the vocational school for apprentices) 15. The present apprenticeship trade replaces the apprenticeship trades Motor Vehicle Engineering (Training and Examination Regulation BGBl. [Federal Law Gazette] No. 191/00, last amended by BGBl. II Nr. 273/05) and Motor Vehicle Electrician (Training and Examination Regulation BGBl. II [Federal Law Gazette] No. 75/72, last amended by BGBl. Nr. 177/05) which expired as of 30 April 2009. 4. The apprenticeship "Motor Vehicle Engineering" has been set up as a modular apprenticeship. Following the basic and main module, there are two optional training variants: a special module or another main module. Apprentices can select the special module "Systems Electronics". Apprentices can select between the following additional main modules: Passenger Motor Vehicle Engineering and Commercial Vehicle Engineering. Information about the main and special modules is provided in the Certificate of Apprenticeship.</p>	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

<p>7. Training in the framework of the given Training Regulation for Motor Vehicle Engineering and of the curriculum of the vocational school for apprentices. Admission to the final apprenticeship examination upon completion of the apprenticeship period specified for the apprenticeship trade concerned. The final apprenticeship examination aims to establish whether the apprentice has acquired the skills and competences required for the respective apprenticeship trade and is able to carry out the activities particular to the learned trade herself/himself in an appropriate manner.</p> <p>8. Admission to the final apprenticeship examination in accordance with Article 23 (5) of the Berufsausbildungsgesetz (Vocational Training Act). An applicant for an examination is entitled to sit the final apprenticeship examination without completing a formal apprenticeship training if she/he has reached 18 years of age and is able to prove acquisition of the required skills and competences by means of a relevant practical or an on-the-job training activity of appropriate length, by attending relevant courses etc.</p>
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Additional information:

Entry requirements: successful completion of 9 years of compulsory schooling

Duration of training: Basic module and main module: 3 ½ years; basic module, main module and special module/additional main module: 4 years

Enterprise-based training: Enterprise-based training comprises 4/5 of the entire duration of the training and focuses on the provision of job-specific skills and competences according to Article 3 of the Training Regulation, BGBl. II (Federal Law Gazette) No. 408/08, enabling the apprentice to exercise qualified activities as defined by the profile of skills and competences specified above.

Education at vocational school: School-based education comprises 1/5 of the entire duration of the training. The vocational school for apprentices has the tasks of imparting to apprentices the basic theoretical knowledge, of supplementing their enterprise-based training and of widening their general education in the framework of subject-oriented part-time instruction.

More information (including a description of the national qualifications system) available at:
www.zeugnisinfo.at or www.bmwfj.gv.at

National Europass center: info@zeugnisinfo.at

National reference point: Schottengasse 4, 1010 Vienna, Austria, tel. + 43 (1) 532 47 26 / 29 or 16

1. TITLE OF THE CERTIFICATE (DE)P^{(1)P}
Lehrabschlussprüfungszeugnis Kraftfahrzeugtechnik – Nutzfahrzeugtechnik
(1) in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)P^{(2)P}
Certificate of Apprenticeship “Motor Vehicle Engineering specialising in Commercial Vehicle Engineering” (f/m)
(2) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES^P
<ul style="list-style-type: none"> ▪ application of mechanical, electrical and electronic measuring and testing procedures as well as computer-aided diagnostic equipment, and evaluation of results ▪ testing, dismantling and mounting, maintenance and servicing of mechanical components, engines and power transmission equipment installed in commercial vehicles ▪ testing, dismantling and mounting, maintenance and servicing of superstructures and vehicle components such as the car body, springing, wheel control, wheel suspension, frames, steering system, brakes, compressed-air installation, wheels and tyres ▪ testing, dismantling and mounting, maintenance and servicing of a commercial vehicle's electrical and electronic installations as well as EC checking devices and speed limiting devices ▪ simple testing, dismantling and mounting, maintenance and servicing of a commercial vehicle's safety, convenience and communications electronics ▪ testing, assessment, application and exchange of all coolants and lubricants as well as other fluids necessary for the operation of a commercial vehicle ▪ performance of the work by taking into consideration relevant safety regulations in the operation of commercial vehicles, basic technical and legal regulations, standards, safety standards and environmental standards related to motor vehicles ▪ appropriate written and oral command of language and mode of expression as well as use of job-related foreign language <p>Training in the following special module can be attended in addition to the basic and main module, with the aim of acquiring more in-depth know-how and specialisation.</p> <p>Special module "Systems Electronics":</p> <ul style="list-style-type: none"> ▪ implementation of testing, dismantling, mounting, maintenance, servicing and programming tasks on the convenience electronics and car-theft protection systems ▪ implementation of testing, dismantling, mounting, maintenance, servicing and programming tasks on the audiovisual telecommunications and entertainment electronics systems ▪ provision of advisory services to customers regarding the operation, settings and programming of car-theft protection systems and convenience and communications electronics devices

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE⁽³⁾
<p>Range of occupations: Employment in particular in motor vehicle workshops and garages of the crafts and trade sector, enterprises of the motor vehicle industry, vehicle fleets of public institutions and transport enterprises, companies with their own large vehicle fleet, or service institutions of automobile clubs.</p> <p>Pursuit of regulated professions on a self-employed basis: Qualifications pursuant to the 1994 <i>Gewerbeordnung</i> (Crafts, Trade, Service and Industry Act): The crafts, services and trades regulated on the basis of the 2002 Amendment to the <i>Gewerbeordnung</i> are subject to the provisions of the <i>Gewerbeordnung</i> on the furnishing of certificates of competency as contained in the respective regulations. Final apprenticeship examinations completed successfully replace, in particular, those parts of the master craftsperson examination which relate to subject-specific skills and competences in the various crafts and trades.</p>
(3) if applicable

<p>(*) Explanatory note This document is designed to provide additional information about the specified certificate and does not have any</p>
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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 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/614/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.eu> or www.europass.at

5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the body awarding the certificate Lehrlingsstelle der Wirtschaftskammer (Apprenticeship Office of the Economic Chamber; for the address, see certificate)</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate Bundesministerium für Wirtschaft, Familie und Jugend (Federal Ministry of Economics, Family and Youth)</p>
<p>Level of the certificate (national or international) ISCED 3B</p>	<p>Grading scale / Pass requirements Overall performance: Pass with Distinction Good Pass Pass Fail</p>
<p>Access to next level of education/training Access to the Berufsreifeprüfung (i.e. certificate providing university access for skilled workers) or a technical and vocational college for people in employment. Access to courses at a Fachhochschule (i.e. university level study programme of at least three years' duration with vocational-technical orientation); additional examinations must be taken if the educational objective of the respective course requires it.</p>	<p>International agreements International agreements on the mutual recognition of apprenticeship trades have been concluded between Germany, Hungary, the South Tyrol and Austria. More information on this topic may be obtained at the Austrian Federal Ministry of Economics and Labour.</p>
<p>Legal basis 16. Training Regulation and Examination Regulation for Motor Vehicle Engineering BGBl. II (Federal Law Gazette) No. 408/08 (enterprise-based training) 17. Curriculum framework (education at the vocational school for apprentices) 18. The present apprenticeship trade replaces the apprenticeship trades Motor Vehicle Engineering (Training and Examination Regulation BGBl. [Federal Law Gazette] No. 191/00, last amended by BGBl. II Nr. 273/05) and Motor Vehicle Electrician (Training and Examination Regulation BGBl. II [Federal Law Gazette] No. 75/72, last amended by BGBl. Nr. 177/05) which expired as of 30 April 2009. 5. The apprenticeship "Motor Vehicle Engineering" has been set up as a modular apprenticeship. Following the basic and main module, there are two optional training variants: a special module or another main module. Apprentices can select the special module "Systems Electronics". Apprentices can select between the following additional main modules: Passenger Motor Vehicle Engineering and Motorcycle Engineering. Information about the main and special modules is provided in the Certificate of Apprenticeship.</p>	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

9. Training in the framework of the given Training Regulation for Motor Vehicle Engineering and of the curriculum of the vocational school for apprentices. Admission to the final apprenticeship examination upon completion of the apprenticeship period specified for the apprenticeship trade concerned. The final apprenticeship examination aims to establish whether the apprentice has acquired the skills and competences required for the respective apprenticeship trade and is able to carry out the activities particular to the learned trade herself/himself in an appropriate manner.
10. Admission to the final apprenticeship examination in accordance with Article 23 (5) of the Berufsausbildungsgesetz (Vocational Training Act). An applicant for an examination is entitled to sit the final apprenticeship examination without completing a formal apprenticeship training if she/he has reached 18 years of age and is able to prove acquisition of the required skills and competences by means of a relevant practical or an on-the-job training activity of appropriate length, by attending relevant courses etc.

Additional information:

Entry requirements: successful completion of 9 years of compulsory schooling

Duration of training: Basic module and main module: 3 ½ years; basic module, main module and special module/additional main module: 4 years

Enterprise-based training: Enterprise-based training comprises 4/5 of the entire duration of the training and focuses on the provision of job-specific skills and competences according to Article 3 of the Training Regulation, BGBl. II (Federal Law Gazette) No. 408/08, enabling the apprentice to exercise qualified activities as defined by the profile of skills and competences specified above.

Education at vocational school: School-based education comprises 1/5 of the entire duration of the training. The vocational school for apprentices has the tasks of imparting to apprentices the basic theoretical knowledge, of supplementing their enterprise-based training and of widening their general education in the framework of subject-oriented part-time instruction.

More information (including a description of the national qualifications system) available at:
www.zeugnisinfo.at or www.bmwfj.gv.at

National Europass center: info@zeugnisinfo.at

National reference point: Schottengasse 4, 1010 Vienna, Austria, tel. + 43 (1) 532 47 26 / 29 or 16

1. TITLE OF THE CERTIFICATE (DE)P ^{(1)P}
Lehrabschlussprüfungszeugnis Kraftfahrzeugtechnik – Personenkraftwagentechnik (1) in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)P ^{(2)P}
Certificate of Apprenticeship "Motor Vehicle Engineering specialising in Passenger Motor Vehicle Engineering" (f/m)
(2) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES^P
<ul style="list-style-type: none"> ▪ application of mechanical, electrical and electronic measuring and testing procedures as well as computer-aided diagnostic equipment, and evaluation of results ▪ testing, dismounting and mounting, maintenance and servicing of mechanical components, engines and power transmission equipment installed in passenger vehicles ▪ testing, dismounting and mounting, maintenance and servicing of vehicle components such as the car body, springing, wheel control, wheel suspension, steering system, brakes, wheels and tyres ▪ testing, dismounting and mounting, maintenance and servicing of a passenger vehicle's electrical and electronic installations ▪ simple testing, dismounting and mounting, maintenance and servicing of a passenger vehicle's safety, convenience and communications electronics ▪ testing, assessment, application and exchange of all coolants and lubricants as well as other fluids necessary for the operation of a passenger vehicle ▪ performance of the work by taking into consideration relevant safety regulations, basic technical and legal regulations, standards, safety standards and environmental standards related to motor vehicles ▪ appropriate written and oral command of language and mode of expression as well as use of job-related foreign language <p>Training in the following special module can be attended in addition to the basic and main module, with the aim of acquiring more in-depth know-how and specialisation.</p> <p>Special module "Systems Electronics":</p> <ul style="list-style-type: none"> ▪ implementation of testing, dismounting, mounting, maintenance, servicing and programming tasks on the convenience electronics and car-theft protection systems ▪ implementation of testing, dismounting, mounting, maintenance, servicing and programming tasks on the audiovisual telecommunications and entertainment electronics systems ▪ provision of advisory services to customers regarding the operation, settings and programming of car-theft protection systems and convenience and communications electronics devices

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE ⁽³⁾
<p>Range of occupations: Employment in particular in motor vehicle workshops and garages of the crafts and trade sector, enterprises of the motor vehicle industry, vehicle fleets of public institutions and transport enterprises, companies with their own large vehicle fleet, or service institutions of automobile clubs.</p> <p>Pursuit of regulated professions on a self-employed basis: Qualifications pursuant to the 1994 <i>Gewerbeordnung</i> (Crafts, Trade, Service and Industry Act): The crafts, services and trades regulated on the basis of the 2002 Amendment to the <i>Gewerbeordnung</i> are subject to the provisions of the <i>Gewerbeordnung</i> on the furnishing of certificates of competency as contained in the respective regulations. Final apprenticeship examinations completed successfully replace, in particular, those parts of the master craftsperson examination which relate to subject-specific skills and competences in the various crafts and trades.</p>
(3) if applicable

<p>(*) 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 96/C 224/04 of 15 July 1996 on the</p>

transparency of vocational training certificates, and Recommendation 2001/614/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.eu> or www.europass.at

5. OFFICIAL BASIS OF THE CERTIFICATE	
Name and status of the body awarding the certificate Lehrlingsstelle der Wirtschaftskammer (Apprenticeship Office of the Economic Chamber; for the address, see certificate)	Name and status of the national/regional authority providing accreditation/recognition of the certificate Bundesministerium für Wirtschaft, Familie und Jugend (Federal Ministry of Economics, Family and Youth)
Level of the certificate (national or international) ISCED 3B	Grading scale / Pass requirements Overall performance: Pass with Distinction Good Pass Pass Fail
Access to next level of education/training Access to the Berufsreifeprüfung (i.e. certificate providing university access for skilled workers) or a technical and vocational college for people in employment. Access to courses at a Fachhochschule (i.e. university level study programme of at least three years' duration with vocational-technical orientation); additional examinations must be taken if the educational objective of the respective course requires it.	International agreements International agreements on the mutual recognition of apprenticeship trades have been concluded between Germany, Hungary, the South Tyrol and Austria. More information on this topic may be obtained at the Austrian Federal Ministry of Economics and Labour.
Legal basis 19. Training Regulation and Examination Regulation for Motor Vehicle Engineering BGBl. II (Federal Law Gazette) No. 408/08 (enterprise-based training) 20. Curriculum framework (education at the vocational school for apprentices) 21. The present apprenticeship trade replaces the apprenticeship trades Motor Vehicle Engineering (Training and Examination Regulation BGBl. [Federal Law Gazette] No. 191/00, last amended by BGBl. II Nr. 273/05) and Motor Vehicle Electrician (Training and Examination Regulation BGBl. II [Federal Law Gazette] No. 75/72, last amended by BGBl. Nr. 177/05) which expired as of 30 April 2009. 6. The apprenticeship "Motor Vehicle Engineering" has been set up as a modular apprenticeship. Following the basic and main module, there are two optional training variants: a special module or another main module. Apprentices can select the special module "Systems Electronics". Apprentices can select between the following additional main modules: Commercial Vehicle Engineering and Motorcycle Engineering. Information about the main and special modules is provided in the Certificate of Apprenticeship.	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE
11. Training in the framework of the given Training Regulation for Motor Vehicle Engineering and of the curriculum of the vocational school for apprentices. Admission to the final apprenticeship examination upon completion of the apprenticeship period specified for the apprenticeship trade concerned. The final apprenticeship examination aims to establish whether the apprentice has acquired the skills and competences required for the respective apprenticeship trade and is able to carry out the activities particular to the learned trade herself/himself in an appropriate manner. 12. Admission to the final apprenticeship examination in accordance with Article 23 (5) of the Berufsausbildungsgesetz (Vocational Training Act). An applicant for an examination is entitled to sit the final apprenticeship examination without completing a formal apprenticeship training if she/he has reached 18 years of age and is able to prove acquisition of the required skills and competences by means of a relevant practical or an on-the-job training activity of appropriate length, by attending relevant courses etc.
Additional information: Entry requirements: successful completion of 9 years of compulsory schooling Duration of training: Basic module and main module: 3 ½ years; basic module, main module and special

module/additional main module: 4 years

Enterprise-based training: Enterprise-based training comprises $\frac{4}{5}$ of the entire duration of the training and focuses on the provision of job-specific skills and competences according to Article 3 of the Training Regulation, BGBl. II (Federal Law Gazette) No. 408/08, enabling the apprentice to exercise qualified activities as defined by the profile of skills and competences specified above.

Education at vocational school: School-based education comprises $\frac{1}{5}$ of the entire duration of the training. The vocational school for apprentices has the tasks of imparting to apprentices the basic theoretical knowledge, of supplementing their enterprise-based training and of widening their general education in the framework of subject-oriented part-time instruction.

More information (including a description of the national qualifications system) available at:
www.zeugnisinfo.at or www.bmwfj.gv.at

National Europass center: info@zeugnisinfo.at

National reference point: Schottengasse 4, 1010 Vienna, Austria, tel. + 43 (1) 532 47 26 / 29 or 16

For further information on the project please consult:

www.project-predict.eu

For further information on the paper please contact:

schneeberger@ibw.at