Dual vocational education and training abroad

Offerings, Concept, Quality Management of the DIHK-AHK-IHK Network
INTRODUCTION

Thanks to the dual vocational education and training system, companies in Germany can qualify skilled workers exactly as their requirements. Abroad, the model of dual vocational education and training is often uncommon. This poses considerable challenges for companies, including German firms, in finding well-qualified skilled workers as needed. Made or planned direct investments of German companies abroad are at risk. For this reason, The German Chambers of Commerce, Delegations and Representations of German Industry and Commerce (AHKs), the German Chambers of Industry and Commerce (IHKs) and the Association of German Chambers of Industry and Commerce (DIHK e.V.) support companies in training skilled workers abroad based on the German model.

More than 45 AHKs offer vocational training services based on the German model and globally comparable standards to companies and interested partners, if there is a specific local need for dual vocational education and training or qualification of skilled workers.

The guiding principle of the AHKs is to establish „Dual Vocational Training“ abroad as an important topic of economic promotion. In this context, the AHKs consider themselves advisors and providers of organizational and quality assurance services, which are supported by the IHKs and coordinated by the DIHK e.V.

With the present publication, the DIHK e.V. describes the most important quality standards to which the AHK vocational training services are aligned. These overall 12 quality standards are formulated in terms of process and product. They are based on the „DIHK quality categories for AHK vocational education and training activities“. Through these, key elements of German dual vocational education and training can be resiliently and reliably mapped in the respective different local contexts.

The addressees of this publication are, on the one hand, interested companies as clients or principals and, on the other hand, institutional players - above all German, but also local ones - who are also involved in the field of dual vocational education and training abroad. From the point of view of DIHK e.V., it is of interest to cooperate with partners, wherever possible, in order to be able to offer services for the economy and political bodies even more coherently. Along with this publication goes the offer of developing new collaborations and a common understanding of the primary goal of successful dual vocational education and training abroad based on the German model. In the medium to long term, AHK dual vocational education and training services in the respective partner countries can have a positive impact on local vocational training systems.

All interested parties are invited to share and refine – together with the DIHK e.V. – the presented quality standards.
CONTENTS

1. Foundations and objectives of the commitment of AHKs, IHKs and DIHK e.V. for dual vocational training abroad ................................................................. 5

2. DIHK-AHK-IHK network – Division of tasks and cooperation ......................................................... 7

3. Quality categories and quality standards for AHK vocational training offerings .......................... 12
   a) DIHK quality category for AHK dual vocational education and training abroad .................. 12
   b) Quality standards for central AHK structures and processes in the field of dual vocational training ... 16
      Quality standard 1 – AHK vocational education committee .................................................. 16
      Quality standard 2 – Customized occupational profiles and advanced training profiles ............. 16
      Quality standard 3 – Customized vocational school curricula .................................................. 17
      Quality standard 4 – Trainer qualification concept „AdA – International“ ................................ 17
      Quality standard 5 – Suitability of the company as a training center ........................................ 17
      Quality standard 6 – Company training plan ............................................................................ 18
      Quality standard 7 – AHK vocational training management .................................................... 18
      Quality standard 8 – AHK organization of examinations from a single source ....................... 19
      Quality standard 9 – AHK examination board ........................................................................ 19
      Quality standard 10 – Qualified AHK examiners ................................................................. 19
      Quality standard 11 – Valid AHK exam tasks ....................................................................... 19
      Quality standard 12 – AHK-DIHK certification ..................................................................... 20

4. Facts and Figures ......................................................................................................................... 22

5. Appendix: Selected materials on the topic ................................................................................. 24
1. FOUNDATIONS AND OBJECTIVES OF THE COMMITMENT OF AHKS, IHKS AND DIHK E.V. FOR DUAL VOCATIONAL EDUCATION AND TRAINING ABROAD

There is growing interest in German dual vocational education and training abroad: Economy and political bodies worldwide are interested in German dual vocational training.

On the one hand, German companies with commitments in foreign countries in the form of production facilities and services often look for precisely qualified employees. They value the advantages of German dual vocational education and training and seek opportunities to qualify skilled workers in a dual manner abroad as well. Therefore, more and more companies are approaching AHKs, IHKs and DIHK e.V. with the request to support them on site.

On the other hand, German dual vocational education and training is in demand among governments in many countries – including developing, emerging and industrialized countries. The custom-fit orientation of qualifications to the labour market is seen as a key reason for the economic strength and low youth unemployment in Germany. AHKs, IHKs and DIHK e.V. are valued as political partners to advise other countries from an economic point of view on the dual vocational education and training system and to support reforms aimed at this.

The engagement of AHKs, IHKs and DIHK e.V. is focused on serving the demand of companies with a holistic concept and concrete offerings. The AHK vocational training activities are seamlessly integrated into the AHK’s mission of foreign trade promotion. To this end, the AHK-IHK-DIHK network is being further developed and a worldwide comparable AHK service portfolio for dual vocational education and training is being set up. With their engagement, AHKs, together with the IHKs, contribute to safeguarding foreign investments of German companies and their international competitiveness. This also benefits Germany as a business location.

The AHK vocational training services follow the German example and regularly have an impact in the respective partner countries beyond the circle of participating companies. The activities of the AHK can provide impulses for the modernization of vocational training systems in the dual sense. Due to this, AHK activities are often part of political cooperation and initiatives. Therefore, AHKs in partner countries showcase the German dual vocational education and training system.

In the spirit of foreign trade promotion, the aim of AHKs, IHKs and DIHK e.V. is to expand the range of the AHK service portfolio for dual vocational education and training in terms of quantity and quality. This is built on products and processes which have been introduced and proven to be effective in Germany and which have a high recognition value and high quality. Customizations to local conditions are self-evident as they are essential to success. An additional goal is to cooperate with interested partners as far as possible and appropriate.
AHKs offering dual vocational education and training services

AHK dual vocational education and training services have a long tradition, especially in Latin America and Europe. Today, even AHKs in Asia, North America and Africa offer vocational training services.

Already more than 2,000 companies cooperate with AHKs worldwide, and the trend is rising. Against the background of demand varying from country to country, the range of AHK services can vary.

AHKs with vocational training services (2019):
2. DIHK–AHK–IHK NETWORK – DIVISION OF TASKS AND COOPERATION

The tasks and cooperation of IHKs, AHKs and DIHK e.V. are as follows:

IHKs function at the regional level in Germany as for the representatives of the commercial economy and as „responsible units“ according to the Vocational Training Act. IHKs are points of contact and service providers for vocational training in Germany for their member companies.

Their duties include in particular

- To advise companies about vocational training,
- To confirm and monitor their suitability for training as well as that of trainers,
- To ensure compliance with company training plans and related processes,
- To coordinate and optimize the homogeneous training course between the two learning places – school and company,
- To organize the national final examinations according to the principle „By the economy - for the economy“,
- To attract, train and deploy the honorary examiners from companies and vocational schools,
- To issue IHK certificates regulated by public law to the graduates of initial and advanced vocational training examinations.

Pursuing vocational training activities abroad is not a compulsory task of the IHKs. In particular, this excludes issuing IHK certificates abroad. At the same time, IHK know-how relating to vocational training abroad is in great demand, e.g. from IHK member companies. The IHKs therefore contribute their expertise as part of their economic promotion mandate. They support their member companies in collaborating with an AHK abroad. This includes their consultation, networking and content support.

IHKs may independently offer vocational training services abroad if there is no AHK on site or if an existing AHK does not offer service relating to vocational training.
AHKs – Profile and functions

AHKs are institutions of German foreign trade promotion in foreign countries, which are funded proportional by the Federal Ministry for Economic Affairs and Energy (BMWi). AHKs support the economic relations between Germany and the partner country. Typically, they are set up bilaterally and represent the interests of German and local companies.

AHKs operate in three different, country-specific forms of organization. The bilateral chambers are independent member organizations of companies. Delegations of the German economy are dependent representatives of the DIHK e.V. in the respective countries. Representatives of the German Industry and Commerce are associated organizations of different constitution, which are supported by the DIHK e.V.

AHKs are points of contact for companies abroad. They have three functions: AHKs are the official representation of the German economy abroad, usually a membership organization with German and local member companies and service providers for companies, e.g. around dual vocational training. AHKs customize their services to the needs and the demand of the companies, operating business in a cost-covering, but not profit-oriented way.
The key AHK vocational training services currently include among others:

• To consult companies on the most suitable type of dual vocational education and training and related requirements in the target country

• To organize and modernize processes within which companies can adapt and - embedded in the framework conditions of a target country - determine German-standard training contents

• To organize and conduct trainings and examinations of in-company vocational training staff with aid of the globally used DIHK-qualification concept „AdA International – Vocational Trainer Qualification (AHK) – (Ausbildung der Ausbilder, AdA)

• To provide offerings of the German education industry locally

• To connect and cooperate all partners involved in the vocational training – training companies, apprentices, vocational schools, inter- company training centres and others

• To support companies during training activities and to promote the recognition of the degrees in the target country

• To organize and conduct valid and quality-assured final examinations

• To issue AHK-DIHK certificates to graduates of successful final examinations

• To award training companies with the AHK-DIHK certificate „Distinguished training provider“
AHK – The vocational training platform

AHKs are economy-supported platforms for vocational training activities of German and foreign stakeholders, providing them with organizational, advisory and quality assurance services on site.

AHK: Platform for dual vocational education and training abroad

Offerings
- Broad service portfolio (advisory, organization, quality assurance)
- Processes and standards depicted in transparent quality categories
- Certification with worldwide comparable AHK-DIHK certificates

Clients & Partners
- Companies incl. education sector
- Vocational schools
- Governments, chambers and business associations

Locally established
Closely linked to Germany and the IHK network
Access to IHK vocational training know-how
Showcasing vocational training “Made in Germany”
The DIHK e.V. is the umbrella organization of the 79 IHK in Germany. It coordinates the opinion formation within the IHK organization and represents its positions towards the political bodies, public administration, economy and society at federal, European and international level. The DIHK e.V. also controls and develops the worldwide AHK network, represented in 92 countries at 140 locations.

The DIHK e.V. handles the coordination, advisory and quality assurance with regards to vocational training activities abroad for the IHKs and AHKs. It is a point of contact for IHKs, AHKs and state institutions from Germany and in foreign countries on the subject of „dual vocational education and training abroad“. The DIHK e.V. provides strategic and operational support to assure quality of German dual vocational education abroad and to preserve its principles.

The DIHK e.V. promotes the networking of IHKs and AHKs among each other, with companies and other stakeholders in Germany and abroad, initiates the exchange of experience and arranges partnerships.

The DIHK e.V. pertinently positions the IHK-AHK network in Germany and internationally. With the quality-assured AHK-DIHK certificates under involvement of the IHKs, the DIHK e.V. makes a reliable contribution to the economy and politics around German dual vocational education and training “made in Germany”.

### Cooperation structure vocational training abroad

- **Platform and Service provider for Vocational Training in abroad**
- **IHK cooperation partners**
- **Consulting, organization, quality assurance**

#### DIHK e.V.
- **Strategy development**
- **Network coordination**
- **Standard definition incl. quality assurance, certification**
- **Policy consultation**

#### Know-how carriers and donors
- **Competent body for VET in Germany**
- **AHK cooperation partners**

#### DIHK Bildungs- und ServiceGmbH
- **Product development**
- **Project development**
- **Project management**
3. QUALITY CATEGORIES AND QUALITY STANDARDS FOR AHK VOCATIONAL TRAINING OFFERINGS

a) DIHK quality categories for dual AHK vocational training abroad

In Germany, the standards of dual vocational education and training are legally established in the Vocational Training Act. They form the basis for the quality of vocational training and the subsequent career advancement training (higher vocational education) throughout Germany. The focus is on holistic vocational qualifications and competency profiles. Additional quality standards are contained in the training regulations for vocational training and career advancement education and in the implementation agreements made by the economic and social partners. With the Vocational Training Act, the German legislator transfers key tasks regarding organization, quality assurance and certification of vocational training to the IHKs and other competent bodies.

When it comes to dual vocational education and training or qualification abroad, DIHK e.V. and AHKs first of all focus on the central quality standards contained in the Vocational Training Act. The quality of German dual vocational education and training standards is valued and expected in many places by companies and governments abroad.

At the same time, adjustments to the local framework conditions are often required for implementation. In this interplay between German quality standards and local adaptation, AHKs, IHKs and DIHK e.V. have agreed on a joint value commitment, which is expressed in three „DIHK quality categories for dual vocational education and training activities“. This way, the various local framework conditions and needs of companies in terms of dual vocational education and training or qualification abroad can be met in a flexible manner.

The DIHK quality categories are, so to speak, „corridors“, which describe the contents and structures of dual vocational education and training and make it possible to map the respective specific form of dual vocational education and training in foreign countries in a realistic manner. The DIHK quality categories are free of judgment and stand on equal footing. Essentially, it is about comprehensively clustering the complexity of dual vocational education and training, meeting the needs of companies and the expectations of the partners in a transparent manner. The three DIHK quality categories are divided into:

- German dual vocational education abroad (A)
- Local dual vocational education and training following the German model (B)
- Local dual qualification with elements of the German system (C)
Dual vocational education and training abroad

AHK vocational training services in this category largely conform to the quality requirements of dual vocational training, as described in the German Vocational Training Act as well as in the regulations for vocational training and career advancement education. This relates to standards governing the training system and standard. They contain only marginal adjustments to local conditions.

AHK vocational training services in this category consist of dual vocational education and training based heavily on the German model, but with enough flexibility for adjustments to local conditions. The standards governing the training system and standards are heavily oriented towards local conditions.

AHK vocational training services in this category consist of local vocational qualifications that are relevant to the local job market with a dual character. They may include e.g. partial qualifications, practical training, certificate courses or purely local qualifications. The fundamental character of the standards governing the training system and content are in line with the dual system but are largely shaped by local conditions.

Each DIHK quality category is backed by certain standards, which in their respective entirety contain a clearly defined and reliable value commitment.

Certificates as per DIHK quality categories

German dual vocational education abroad (A)

Local dual vocational education and training following the German model (B)

Local dual qualification with elements of the German system (C)

Overview DIHK quality categories
## DIHK-Quality Categories of the AHK–IHK–DIHK networks for dual vocational education and training overseas

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<th>Short Description</th>
<th>Category</th>
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<tbody>
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<td></td>
<td>German dual vocational education abroad (A)</td>
<td>Local dual vocational education and training following the German model (B)</td>
<td>Local dual qualification with elements of the German system (C)</td>
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### AHK Vocational Education and Training Committee
- AHK decision-making body, members from companies and relevant institutions
- Work basis: AHK rules of procedure (DIHK model)
- Foundation recommended
- Cooperation AHK, companies, relevant institutions

### Suitability of the training site
- Training suite suitable for dual training by type and equipment
- Spatial conditions and equipment enable the mediation of vocational competence

### Suitability of the trainers
- Trainer suitability is certified with „AdA – International – full version”
- Trainer suitability certified with „AdA – International – Basic Version”
- Professionally experienced, technically and personally suitable trainers

### Advising and assisting companies
- The AHK advises and assists companies relating to vocational training measures.
- Content and scope are based on company needs and German quality standards

### Registration of training relationships
- Registration of training relationships with AHK
- Registration of companies involved and persons participating in program

### Training content and duration
- Core, professional qualifications and duration of training according to German training regulations
- Slight adaptations in the light of local framework conditions (e.g. economics and social sciences)
- Core and professional qualifications cover at least 50 percent of the German training regulations
- Duration of training at least 28 months (for 3.5-year occupations), 24 months (for 3-year occupations), 16 months (for 2-year occupations)
- Qualification time at least 240 hours

### Duality
- At least 70 percent on-the-job training including learning workshops
- At least 50 percent on-the-job training including practical vocational institutions
- Reasonable amount of on-the-job training in company and practical vocational institution

### Training documents
- Use of a training record
- Monitoring by AHK
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<td>AHK examination board</td>
<td>At least three competent examiners suitable for the examination (two from practical side and one from theoretical side)</td>
<td>At least three competent examiners suitable for the examination (two from practical side and one from theoretical side)</td>
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<td>AHK examination Procedure</td>
<td>Work basis: AHK examination regulation (DIHK model)</td>
<td>Work basis: AHK examination regulation (DIHK model)</td>
<td>AHK testing procedure</td>
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<td>Written examination with original IHK exam tasks in national language</td>
<td>Written examination with original IHK exam tasks and / or tasks developed by the AHK examination board in national language</td>
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<td>AHK examiner</td>
<td>AHK examiners are independent, competent in the areas of examination and suitable for the examination</td>
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<td>AHK examiner trainings</td>
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<td>AHK-DIHK certificate</td>
<td>AHK-DIHK certification with German occupational title</td>
<td>DIHK AHK certificate with local occupational title</td>
<td>AHK certificates with description of the qualification</td>
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<td>Bilingual, under private law</td>
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b) Quality standards for key AHK structures and processes in the field of dual vocational training

The DIHK quality categories form the standard for an AHK-DIHK certification and are the responsibility of the AHK on site. The DIHK e.V. supports and secures the final quality based on a DIHK quality management system. The IHKs support the AHKs and the DIHK e.V. Thus, the IHKs and DIHK are jointly accountable for the quality of AHK vocational training services abroad.

The centerpiece of the DIHK coordination and the DIHK quality management system is the „DIHK Process Manual for AHK Vocational Education“. It contains relevant process descriptions, specifications, templates and models. The aim is to make AHK services in the field of dual vocational education and training comparable and transparent worldwide. The DIHK process manual concerns structures, know-how, processes, handling, quality standards and their securing. At the same time, it can flexibly address certain cultural or regulatory aspects in the partner country, while simultaneously maintaining the quality standards of AHK vocational training services in the relevant quality corridor.

Twelve DIHK quality standards underlie the AHK work processes. They are explained in more detail below.

Quality standard 1
AHK-Vocational education committee

The AHK maintains a vocational education committee, through which representatives of interested companies and relevant institutions in the partner country have a point of contact and platform for issues related to skilled workers. In the AHK vocational education committee, topics related to vocational education and training are addressed frequently in a need-based manner. It constitutes the cornerstone of business-related vocational training and works based on standing orders comparable across AHKs.

The AHK vocational education committee operates strategically with a long-term perspective. It is a protected working space in which, for example, exchanges will take place among HR managers, training needs are identified, companies network, joint training concepts / programs are developed and the know-how of vocational training experts from the industry is regularly brought together. The AHK invites to meetings of the vocational education committee, organizes the agendas, moderates the meetings, and absorbs needs and professional impulses. Surgical tasks derived from this, such as the creation of training regulations, training framework plans, coordination of co-operations with vocational schools, equipment of training sites, etc., can be transferred from the AHK vocational education committee to expert groups.

Quality standard 2
Customized occupational profiles and advanced training profiles

At many locations, German regulations for vocational training and career enhancement education form the basis for AHK vocational training programs and are regularly adapted to the legal, systemic and needs-based conditions in the partner country. The necessary procedures are executed in a manner that coordinated, quality-assured and embedded in the AHK vocational training structures. A working group set up by the AHK vocational education committee undertakes the adaptation or revision based on a process description of the DIHK e.V. The corresponding procedure is carried out on site, moderated by the AHK. For the evaluation of the work results, the AHK involves a suitable IHK. The IHK creates an expert report on the content, functional and temporal structure of the training regulation, based on which a decision about an AHK-DIHK certification is decision.
The curriculum for the vocational school part of a dual vocational education and training is synchronized with the training regulations of the AHK vocational training program and has been developed in a coordinated manner. The focus is on establishing a close link between the learning venues company and school. The working group that has been set up by the AHK vocational education committee for the respective trade works with representatives of the vocational school to ensure the linkage of the learning venues company and school with focus on business needs. Mutual visits to the learning sites help developing a better understanding of the dual partner. If suitable vocational school structures already exist, they can be used. The AHK organizes and moderates the work processes.

High-quality dual vocational education and training requires excellent company instructors who, in addition to having professional and personal competencies, possess occupational and work pedagogical knowledge, skills and abilities. Through AHK examinations, the AHK ensures that the company instructors have such competencies and certifies accordingly. It organizes preparatory courses for examinations, e.g. with German education providers or local institutions.

The „AdA International – Vocational Trainer Qualification (AHK) – (Ausbildung der Ausbilder, AdA), which was developed by DIHK e.V., AHKs and IHKs, is based on the standards of the Trainer Aptitude Ordinance (Ausbildereignungsverordnung, AEVO). At the same time, it enables considering the particularities of each country and contains a full and a basic version:

The full version is a prerequisite for certification in the DIHK quality category „German dual vocational education abroad“ (A). It is essentially about the standards of the AEVO. For this, the contents of the four fields of action were identified, which have to be adapted against the background of the local framework conditions. This concerns e.g. knowledge of the country-specific vocational education system or the statutory vocational training regulations. The AHK vocational education committees make it possible for experts from the respective countries to carry out the adjustments. As a result, there is a country-specific version, e.g. AdA - International / Mexico. The training materials and the examination documents are available in the national language.

The basic version is a prerequisite for certification in the DIHK quality category „Local dual vocational education and training following the German model“ (B). It contains all those occupational and work pedagogical foundations that are indispensable for trainers, regardless of the individual country. The basic version - as an independent curriculum - is a subset of the full version of „AdA - International“. There are options for skill crediting. The training materials and the examination documents are available in the national language.

Before and during the training, it needs to be ensured that the prerequisites for successful dual vocational education and training are fulfilled by the training company. For this, the company must be suitable as a training site and must provide appropriate premises. The specific place of training also must provide the chance to reproduce the work processes required for the apprenticeship profession and must provide the necessary technical equipment.

Furthermore, a trainer must be available who is personally and professionally qualified to train young people. In addition to the necessary occupational and work pedagogical aptitude (also refer to quality standard 4), he/she must possess the integrity to impart knowledge, skills and abilities to apprentices without endangering their character or morale and have the relevant professional skills.
On the basis of the training regulation and the training framework plan, each company prepares an individual, company-specific training plan for each apprentice, which is tailored to the specific conditions in the company. The AHK supports companies in this process as per their need.

The company training plan defines the factual and temporal structure of the vocational training for the apprentice in the company, depicted and documented by means of deployment or rotation plans. The factual structure covers all knowledge and skills defined in the training framework plan. These can be arranged in such a way as to create work units and projects. Additionally, the company training plan specifies on which machines and tools and at which workplaces in the company the required knowledge, skills and abilities are to be imparted. This way, holistic and action-oriented training is guaranteed.

Participants of vocational training are registered and supported by the AHK. Thus, it is known which trainees are trained in which companies according to which quality standards of dual vocational education and training or which participants of other vocational training measures are aiming for an AHK-DIHK or AHK certification. Together with the companies and the apprentices or the participants of vocational training measures, the AHK can work towards an ideal structure including the organization of examinations.

The AHK contributes to assuring the quality of vocational training measures throughout their duration. Primary, this is achieved by accompanying and advising the training companies and the trainers. For this, the companies and the schools are supported according to an agreed visit and consultation plan.

Visiting training companies and vocational schools helps to (continue to) ensure that they continue to be suitable. It also serves as an opportunity for exchange and coordination with the training or personnel management of the companies.

During visits, the trainees’ report books are examined. These do not only have an informative and pedagogical meaning, but are also important for quality assurance. In addition, the document helps to understand the current level of knowledge, skills and abilities.
The AHK organizes the mid-term and final examinations.

When certifying the quality category „German dual vocational education and training abroad“ (A) or the quality category „Local dual vocational education and training according to the German model“ (B), the AHK organizes the examination procedure. It determines the dates of examinations, invites the members of the AHK examination board and the examiners to the examinations, furnishes the examination tasks in compliance with secrecy principles or organizes the task preparation by the AHK examination board and issues the AHK-DIHK certificates. Details are regulated by an AHK-wide comparable examination regulation.

When certifying the quality category „Local dual qualification with German system elements“ (C), the AHK organizes and / or accompanies planned testing procedures and issues the AHK certificates. With the support of the DIHK e.V., they have comparable layouts and minimum content worldwide.

AHK examination boards are important instruments of quality assurance for dual vocational training. At least one AHK examination board is appointed for each vocational training profession or higher vocational training profile. They are locally appointed and consider the linguistic and intercultural characteristics of the partner countries. The members of the AHK examination boards receive an AHK certificate of appointment and usually participate in examinations on an honorary basis. An AHK examination committee consists of at least two company representatives and one representative of the vocational schools. It is crucial that the company side prevails in the AHK examination board. One of the tasks of an AHK board of examiners is to advise the AHK on technical questions concerning the admission to the examination, to create examination tasks, to carry out the examinations and to evaluate them.

Details and the examination procedure are regulated by an AHK examination regulation, which was adopted based on the DIHK model by the AHK vocational education committee.

AHK examiners must be knowledgeable in the areas of examination, suitable for the examination system and independent. The AHK appoints, registers and supports AHK examiners and adequately trains them for their work as examiners. The core component is the general and vocation-specific examination methods in connection with the assessment of examination performance.

The AHK examination regulation forms the foundation of examiners’ training, based on which a fundamental training independent of occupations in conducted. The training content includes examination regulations, methods, instruments, and tasks as well as testing principles and models. In addition, occupation-specific training is provided to ensure the professional suitability of the AHK examiners in the specific examination areas.

Prior to the exam, the AHK examination board will develop evaluation criteria and guidelines for the oral exam. Training is also conducted on this topic. The same applies to the development and processing of tasks by the AHK examination board.

Valid exams require well-defined quality criteria for the development of examination tasks. German exam tasks are developed by subject matter experts from companies and vocational schools in IHK task creation facilities. AHKs use this know-how when organizing and creating the AHK exam tasks.
When certifying the quality category „German dual vocational education and training abroad“ (A), the AHK will furnish the tasks for the written examination from Germany, translated into the respective national language. The tasks of the IHK task creation bodies are used for the written examinations.

Together with the AHK examination board, the AHK organizes the adaptation of the tasks to the country-specific regulations, laws and standards. The oral and practical examination tasks are prepared by the AHK examination board. The DIHK guideline for quality assurance and the AHK examination regulations form the basis for this process.

When certifying the quality category „Local dual vocational education and training according to the German model“ (B), the AHK usually furnishes the tasks for the written examination in the national language or organizes the task creation in collaboration with the AHK examination board. For the written examinations, the tasks of the IHK task creation bodies from Germany can be used fully or partially. Together with the AHK examination committee, the AHK organizes the adaptation of the tasks to the country-specific regulations, laws and standards or the creation process for own tasks. The oral and practical examination tasks are prepared by the AHK examination board. The DIHK guideline for quality assurance and the AHK examination regulation form the basis for this process.

When certifying the quality category „Local dual qualification with German system elements“ (C), the AHK organizes and / or supports intended test procedures and issues the certificates.

A vocational training or higher vocational training measure, which has been supported by the AHK, lead to an AHK-DIHK certificate or an AHK certificate. On request of companies and graduates, they reliably document based on which dual standard the training has been conducted and which occupational action competence was acquired.

For AHK-DIHK certificates as per the quality categories „German dual vocational education abroad“ (A) and „Local dual vocational education and training following the German model“ (B), the DIHK e.V. provides special certificate templates. The layout and content of the two types of certificates differs noticeably.

In order to impede forgery and abuses by third parties, DIHK quality seals are applied to the individualized certificates. These are holograms with the lettering „DIHK“. With the DIHK seal of quality and the required signatures, AHK and DIHK guarantee that the described knowledge, skills and abilities have been conveyed and that they correspond to objective expectations.

Certificates of the quality category „Local dual qualification with elements of the German system (C)“ contain only the AHK logo. The layout and minimum content follow a coordinated pattern.

AHK-DIHK certificates are of a private nature and, if required, can be recognized in Germany under public law, following the regulations of the Federal Recognition Act (Berufsbildungsbeauftragten-und-Berufsbildungsamtsgesetz, BQFG). The key prerequisite is that, in addition to the AHK-DIHK degree, a corresponding state-conferred degree is available. For all commercial, industrial-technical and service-related vocational qualifications, the Chambers of Commerce and Industry are responsible for the recognition procedure in Germany. They assume this responsibility mainly through the IHK-FOSA (Foreign Skills Approval).
For vocational qualifications for graduates of dual vocational trainings (e.g. mechatronics technician) or measures of higher vocational education / training programs (e.g. "Industriemeister", industrial master)

Training of trainers (AdA) – International for trainers and participants of measures of higher vocational education / career advancement education

For companies that successfully provide dual vocational education and training (Distinguished training company)
4. FACTS AND FIGURES (2019)

**DIHK-AHK-IHK network**
- More than 45 AHKs with vocational training services
- 2,000 companies are AHK clients
- 40 AHK vocational education committees established
- 150 AHK employees for vocational training
- 46 AHKs with AdA - International in the portfolio
- 8,200 AHK-supported apprentices
- 210 operating AHK examination boards
- 800 volunteering AHK examiners
- 10,000 AHK certifications per year

**Top five training occupations**
- Mechatronics technician
- Industrial mechanic
- Motor vehicle mechatronics technician
- Industrial clerk
- Tool mechanic
5. APPENDIX: SELECT PUBLICATIONS ON THE SUBJECT

**Berufliche Bildung im Ausland**

Engagement der IHKs und AHKs

**Costs and Benefits of Dual Vocational Training**

Good Reasons and Arguments of Dual Vocational Training Costs and Benefits in Other Countries based on the Experiences in Germany for the Introduction of Dual Vocational Training

**AdA International**

Vocational Trainer Qualification (AHK) Curriculum

**On the Ground. Worldwide for Businesses.**

Services by German chambers of commerce abroad
Dual vocational training for companies

**For the economy. Globally on site.**

AHK Services of Dual vocational education and training for companies (available in multiple languages)
The German Chambers of Commerce and Industry

Economic promotion through dual vocational education and training (available in multiple languages)

Dual vocational training in Germany

3. Action-oriented testing

The principle of action-oriented training also applies in testing, including several of the following aspects:

- Testing requirements
  - Testing requirements for measuring the competence of trainees and professional aptitude and their associated skills, knowledge and abilities. This results in testing requirements that are subdivided into evaluation tasks and requirements for competency assessment, weight and weighted. Different perspectives are explored, along with their various correspondents.

- Testing tasks
  - Testing tasks are developed in a systematic manner so that they are distinguished by functional reference, personal tasks, tasks that are divided into evaluation tasks and requirements for competency assessment, weight and weighted. Different perspectives are explored, along with their various correspondents.

- Verbal and practical testing:
  - Testing tasks include verbal and practical testing, with particular attention paid to evaluation tasks, tasks being divided into evaluation tasks and requirements for competency assessment, weight and weighted. Different perspectives are explored, along with their various correspondents.

- Testing and teamwork for industries
  - Testing and teamwork for industries involve the integration of action-oriented testing tools. These tools include formative instruction and placeholders for action and practical examination as well as being able to regulate and process action requirements.

- Development of criteria:
  - Forming action criteria plus determines assessment criteria and the development of criteria, with the priority being actual professional tests.

Impact and benefits of the action-oriented training method

In the course of action-oriented training, it has been found that trainees can develop skills, knowledge and abilities more quickly and effectively.

- Vocational training in Germany

Success factor action orientation (available in multiple languages)

Dual vocational education and training abroad

25
Dual vocational education and training abroad