



1. TITLE OF THE CERTIFICATE (DE) (1)

**Abschlussprüfung / Gesellenprüfung im staatlich anerkannten Ausbildungsberuf
Anlagenmechaniker für Sanitär-, Heizungs- und Klimatechnik und Anlagenmechanikerin
für Sanitär-, Heizungs- und Klimatechnik**

(1) in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)(1)

**Final examination / journeyman's examination in the state-recognized training occupation
Plant mechanic for sanitary, heating and air conditioning systems**

(1) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

- Process orders in a customer-oriented manner, work autonomously or as part of a team to plan and control work processes, cooperate with other trades
- Advise and support customers with regard to products and services offered by the company according due consideration to economic, environmental, innovative and technical aspects
- Assemble and dismantle technical supply and disposal plants, systems and their components, and pipe conduits and ducts
- Commission technical supply and disposal plants and systems, hand over technical supply and disposal plants and systems to the customer and instruct the customer in the operation of such plants and systems
- Carry out hygiene measures
- Produce electrical connections for supply and disposal plants and systems and install and test electrical sub-assemblies and components in such systems
- Install, test and set index values for measuring systems, open and closed loop control systems, safety and monitoring equipment
- Test, adjust, optimise and maintain the functionality of supply and disposal plants and systems
- Inspect, check, maintain and repair supply and disposal plants and systems
- Carry out insulation, sealing and protective measures, in particular measures to protect against corrosion, noise and fire
- Monitor and assess results and apply quality assurance systems
- Accord due consideration to sustainable energy and water use systems
- Use specialist English language terminology
- Maintain operating equipment.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE (1)

Plant mechanic for sanitary, heating and air conditioning systems primarily work at customers' premises on the planning, installation and maintenance of complex plants and systems in the areas of sanitary, heating, ventilation and air conditioning engineering and in the fields of environmental technology and renewable energies.

(1) if applicable

(*) Explanatory notes

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 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information on transparency is available at: www.europass.cedefop.eu.int/transparency

5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the body awarding the certificate</p> <p>Chamber of Crafts and Trades, Chamber of Industry and Commerce</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Chamber of Crafts and Trades, Chamber of Industry and Commerce</p>
<p>Level of the certificate (national or international)</p> <p>ISCED 3B German Qualifications Framework (DQR) level 4 (alignment is preliminary pursuant to "German Qualifications Framework for Lifelong Learning" - German EQF - Referencing report of 15 November 2012). Published by: Federal Ministry of Education and Research (BMBF), Berlin and Bonn; Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany (Conference of the Ministers of Education and Cultural Affairs - KMK), Berlin)</p>	<p>Grading scale / Pass requirements</p> <p>100-92 points = 1 = excellent 91 - 81 points = 2 = good 80 - 67 points = 3 = average 66 - 50 points = 4 = pass 49 - 30 points = 5 = poor 29 - 0 points = 6 = fail</p> <p>A total of at least 50 grade points are required to pass the examination.</p>
<p>Access to next level of education / training</p> <p>Master craftsman qualification – installer and heating fitter, Certified energy networks foreman State certified technician in the relevant specialisms</p>	<p>International agreements</p> <p>In the field of vocational training, joint declarations on the comparability of qualifications obtained in the respective vocational training systems have been signed on the basis of bilateral agreements concluded between Germany and France and between Germany and Austria.</p>
<p>Legal basis Ordinance on Initial Vocational Education and Training in the Occupation of Plant mechanic for sanitary, heating and air conditioning systems of 04/28/2016 (Federal Law Gazette, Part I, p 1025) Resolution of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany, KMK, of 29.01.2016), (Federal Gazette, No AT 13.07.2016 B1 of 13.07.2016)</p>	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

<p>Final examination administered by the competent body:</p> <ol style="list-style-type: none"> 1. after completion of dual training in a company and at part-time vocational school (normal procedure) 2. after retraining in a recognized training occupation 3. as an external examination for working people without formal vocational qualifications or persons who have been trained at full-time vocational schools or other vocational training institutions
<p>Additional information</p> <p>Entry requirements: Entry requirements are not governed by legislation; as a rule, young people are admitted after completing (nine or ten years of) general education.</p> <p>Duration of training: 3,5 years.</p> <p>Training in the "dual system": Teaching of the knowledge, skills and competences needed for an occupation is based on the typical requirements of work and business processes and prepares the trainees for a specific job. The training is provided in a company and at part-time vocational school: In the company, the trainees acquire practical skills in a real working environment. On one or two days per week, the trainees attend part-time vocational school, where they are taught general and vocational knowledge related to their training occupation.</p> <p>More information is available at: www.berufenet.arbeitsagentur.de</p> <p>National Europass Centre www.europass-info.de</p>