

1. TITLE OF THE CERTIFICATE (DE) <sup>1</sup>

**Abschlussprüfung im staatlich anerkannten Ausbildungsberuf  
Bautechnischer Konstrukteur/ Bautechnische Konstrukteurin in der Fachrichtung Tief-,  
Verkehrswege- und Landschaftsbau**

<sup>1</sup> in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN) <sup>1</sup>

**Final examination in the state-recognized training occupation construction engineer –  
specialism of civil engineering, traffic route construction and landscaping**

<sup>1</sup> This translation has no legal status.

## 3. PROFILE OF SKILLS AND COMPETENCES

- Carry out construction engineering, graphic, mathematical and organisational tasks in digital building planning processes, acting both independently and in cooperation with others
- Apply digital and analogue collaborative working methods
- Construct components and construction elements
- Apply model-based digital working methods in project execution
- Record inventory data and update such data until conclusion of the planning process
- Draw up and manage technical documents
- Create floor plans, sections, views and details and prepare planning documentation
- Carry out technical calculations in accordance with recognised technical rules
- Accord due consideration to the basic principles of environmental protection, safety and health and safety at work and health
- Apply quality assurance measures
- Evaluate building materials with regard to use and sustainability
- Take account of the circular economy in the planning process
- Visualise and prepare presentations
- Take account of system-specific requirements in traffic route, civil engineering and landscaping projects
- Assist with the drawing up of landscaping design plans
- Assist with the construction of pipeline networks and roads
- Prepare site plans, contour maps and layout plans.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE <sup>1</sup>

Construction engineers in the above specialism work in the areas of civil engineering, traffic route construction and landscaping. They are deployed in planning offices, business enterprises and government administration offices.

<sup>1</sup> if applicable

**\* Explanatory notes**

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

## 5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the body awarding the certificate</b> Chamber of Industry and Commerce	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Chamber of Industry and Commerce
<b>Level of the certificate (national or international)</b> ISCED 354 This qualification corresponds to Level - of the German and European Qualifications Framework; cf. publication from 1 August 2013 (BAnz AT 20/11/2013 B2).	<b>Grading scale / Pass requirements</b> 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  A total of at least 50 grade points are required to pass the examination.
<b>Access to next level of education / training</b>	<b>International agreements</b> 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 and between Germany and Switzerland.
<b>Legal basis</b> Ordinance on Initial Vocational Education and Training in the Occupation of construction engineer – specialism of civil engineering, traffic route construction and landscaping of 09/03/2025 (Federal Law Gazette, Part I, nr 203)	

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Final examination administered by the competent body:

1. after completion of dual training in a company/ training organisation 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

## 7. ADDITIONAL INFORMATION

**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.

**Duration of training:** 3 years

**Training in the "dual system":**

The knowledge, skills and competences delivered in a training occupation are based on the typical requirements of work processes and prepare the trainees for a specific job as well as for further qualifications.

**The training is provided in a company/ training organisation and at vocational school:** Trainees spend 75% of the duration of training in the company. Here they acquire practical skills in a real working environment. Trainees complete 25% of training time in vocational school where they are taught general and vocational knowledge as it relates to their training occupation.

**More information** is available at:

[www.berufenet.de](http://www.berufenet.de)

[www.europass-info.de](http://www.europass-info.de)