

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

**Abschlussprüfung / Gesellenprüfung im staatlich anerkannten Ausbildungsberuf  
Feinoptiker/Feinoptikerin**

(1) in original language

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

**Final examination / journeyman's examination in the state-recognized training  
occupation  
Precision optician (m/f)**

(1) This translation has no legal status.

## 3. PROFILE OF SKILLS AND COMPETENCES

- Produce optical components and sub-assemblies made of glass and other materials for equipment with optical elements on an individual and mass production basis
- Produce flat and round optical components in accordance with technical drawings with a high degree of accuracy to gauge, both manually and using semi-automatic and completely automatic machines
- Use a range of techniques to assemble optical components
- Deploy a range of procedures to clean and finish optical surfaces
- Assemble and adjust optical and precision mechanical components into sub-assemblies
- Measure, test and inspect optical components for optical and geometric requirements
- Programme and operate numerically controlled machines
- Operate production plants, monitor the production process, ascertain faults, rectify faults or arrange for the rectification of faulty
- Check, store and care for stock
- Advise customers with regard to products and services and deal with complaints
- Carry out work assignments autonomously and as part of a team according due consideration to the relevant regulations and safety provisions and on the basis of technical documentation
- Procure information
- Plan, coordinate and document work using German and foreign-language technical terminology
- Coordinate work with line managers, colleagues and other divisions according due consideration to customer requirements
- Initiate quality assurances measures and measures for health and safety at work and environmental protection
- Plan and control work processes
- Control, log and evaluate results
- Apply standards and guidelines to ensure product quality

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

Precision opticians work in craft trade businesses or in the industrial production of optical elements or precision mechanical components, of products from the fields of measurement, of control engineering or communications technology products or of photographic or projection equipment. They also work for wholesalers of optical products.

(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](http://www.europass.cedefop.eu.int/transparency)

## 5. OFFICIAL BASIS OF THE CERTIFICATE

<p><b>Name and status of the body awarding the certificate</b></p> <p>Chamber of Crafts and Trades, Chamber of Industry and Commerce</p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b></p> <p>Chamber of Crafts and Trades, Chamber of Industry and Commerce</p>
<p><b>Level of the certificate (national or international)</b></p> <p>ISCED 3B</p>	<p><b>Grading scale / Pass requirements</b></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><b>Access to next level of education / training</b></p> <p>Master craftsman qualification in precision optics, certified industrial foreman in precision optics, certified industrial foreman in glass making, certified industrial foreman in optics</p>	<p><b>International agreements</b></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><b>Legal basis</b></p> <p>Ordinance on Initial Vocational Education and Training in the Occupation of Precision optician (m/f) of 07/22/2002 (Federal Law Gazette, Part I, p 2748) Resolution of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany, KMK, of 14.06.2002), (Federal Gazette, No 213a of 15.11.2002)</p>	

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

<p>Final examination administered by the competent body:</p> <ol style="list-style-type: none"> <li>1. after completion of dual training in a company and at part-time vocational school (normal procedure)</li> <li>2. after retraining in a recognized training occupation</li> <li>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</li> </ol>
<p><b>Additional information</b></p> <p><b>Entry requirements:</b> 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><b>Duration of training:</b> 3,5 years.</p> <p><b>Training in the "dual system":</b>        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. <b>The training is provided in a company and at part-time vocational school:</b> 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><b>More information</b> is available at:  <a href="http://www.berufenet.arbeitsagentur.de">www.berufenet.arbeitsagentur.de</a></p> <p><b>National Europass Centre</b>  <a href="http://www.europass-info.de">www.europass-info.de</a></p>