German public employment agency, Michael van der Cammen **MYSKILLS - RECOGNIZING PROFESSIONAL COMPETENCIES** 

# DO YOU SEE FURNITURE WHERE OTHERS 0 **ONLY SEE** WOOD?



Do you have experience in working in carpentry? Germany is looking for your skills. Test them now. www.myskills.de



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**MYSKILLS** BERUFLICHE KOMPETENZEN ERKENNEN



## German public employment agency

- Federal public corporation with selfgovernance
- Organisational Structure
  - 1 Headquarter
  - 10 Regional Directorates
  - 156 Local Agencies with over 600 satellite offices
  - 303 job center (joint entities together with cities an districts)
- Personnel: 95 000
- Budget: 39 billion Euro in total,
  - 9.8 billion Euro Active Labour Market Measures
     1,7 billion Euro promoting vocational training
  - 14,7 billion Euro Unemployment benefits



- Mission
  - Securing balanced labour market and creating equal opportunities
  - Securing livelihoods for jobseeker and their families
  - Providing advice and funding in cases of (threatened) unemployment



# **German Labour Market: Key Figures**



**Population** 82,8 million



**Gross Domestic Product** 3.277 billion EUR



**Employed Persons** 44,8 million



Vacancies 1,2 million



**Unemployment Rate** 3,5 percent





Quelle: 2017; Statistisches Bundesamt; Statistik der Bundesagentur für Arbeit



# On the German job market, a lack of formal qualifications often means a job in unskilled labor

Source: Berufsbildungsbericht

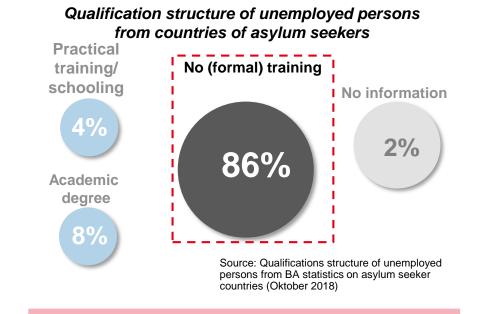
2016



#### The employment market in Germany is highly dependent on formal certification

#### Low-skilled domestic workers

- 13.8% of people age 25 to 34 (1.39 million) have no formal job qualifications
- Many long-term unemployed persons have work experience, but no formal training
   → Currently no way to use non-formal/informally acquired competencies



Refugees

# Result: Potential is lost, and skilled workers spend their lives performing low-skill jobs



## What is MYSKILLS about?



- Goal: MYSKILLS aims to identify informally or non-formally acquired **competencies** through technology-based testing.
- $\rightarrow$  Improvement of Career advisory and job market integration



**Target group**: Refugees, migrants and low-skilled workers, Qualified Workers, who have not worked in jobs belonging to their skills for a long time





# Clients, placement staff, and employers profit from MYSKILLS

### Clients

- Assessment of job-related skills
- ✓ Effective, tailored advisory
- ✓ Integration support

### Placement staff

- ✓ Validation of self-assessments
- Documented assessment of existing job skills
- ✓ Goal-oriented advisory and decision aid for training measures



- ✓ Insights for suitable placement
- ✓ Better fit of placement recommendations

Employers



## **MYSKILLS** professions



#### 2) Salesperson

3) Electronics technician

4 Farmer

**5**) Metals technology expert

6 Hospitality expert

Carpenter

8 Cook

9 Construction expert

(10) Interior construction expert

- 11) Hairdresser
- 12 Installations expert
- (13) Elderly care expert
- (14) Tailor
- (15) Building and object coater
- (16) Baker
- (17) Warehouse clerk
- 18 Driver/trucker
- 19 IT specialist

(20) Industrial electrician

- (21) Machine & equipment operator
  - Underground construction expert
  - Furniture, kitchen, and moving specialist
- **24** Food salesperson
- 25 Plumber

22

(23

- 26) Process mechanic
- 27) Housekeeper
- 28 Gardener

(30)

29 Building cleaner

Food processing technology

# **Testexample: Painter**

B - Surface coating inside and outside - Task 2 of 5 Surface coating indoors

A wall with wallpaper has stains and open seams. You want to repair this. What tools do you need? Please click on 2 to 4 areas.



0	10
(i)	Info
0	Video



# **Testexample: Painter**

B - Surface coating inside and outside - Task 4 of 5 Surface coating indoors

You want to paint a room in a single colo Please put the list into the correct order.









Your remaining time in this test section (in percent) 0 (i)

0 Video

Info

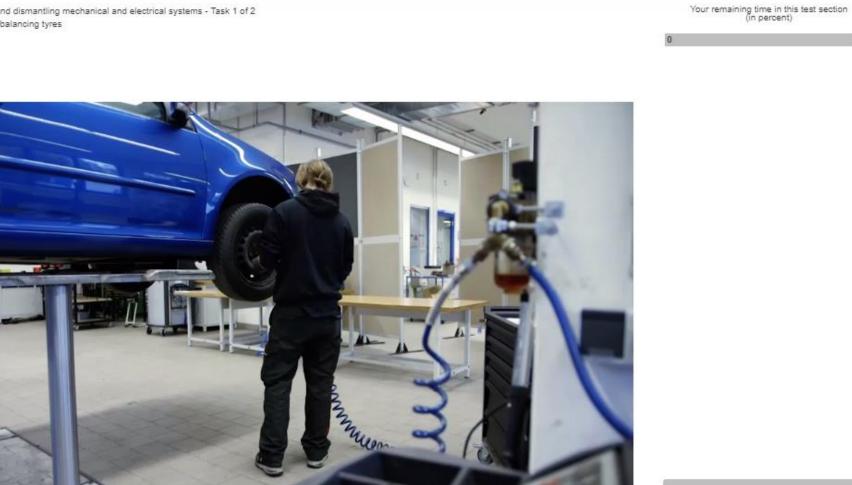
100

Next



# **Testexample: Mechatronics technician**

C - Installing and dismantling mechanical and electrical systems - Task 1 of 2 Mounting and balancing tyres



Next

100

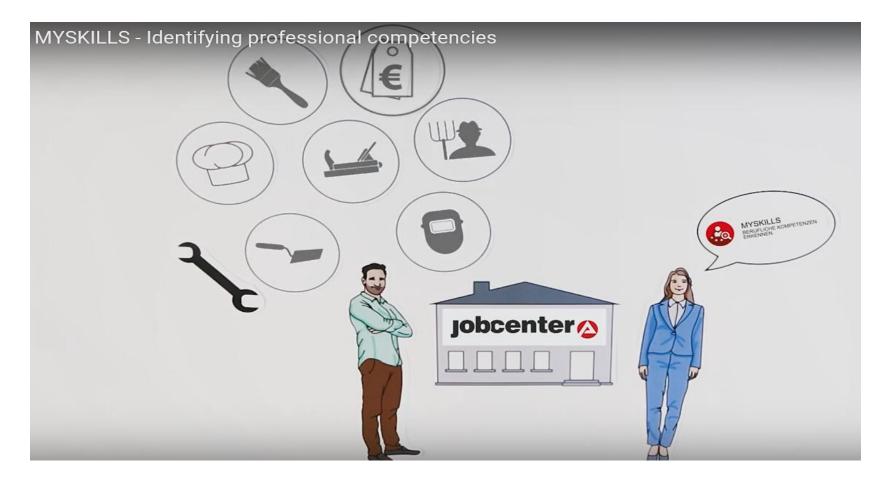


Bundesagentur für Arbeit



# **Overview MYSKILLS**

# https://www.youtube.com/watch?v=W8N0lbA2gjg





MYSKILLS BERUFLICHE KOMPETENZEN ERKENNEN

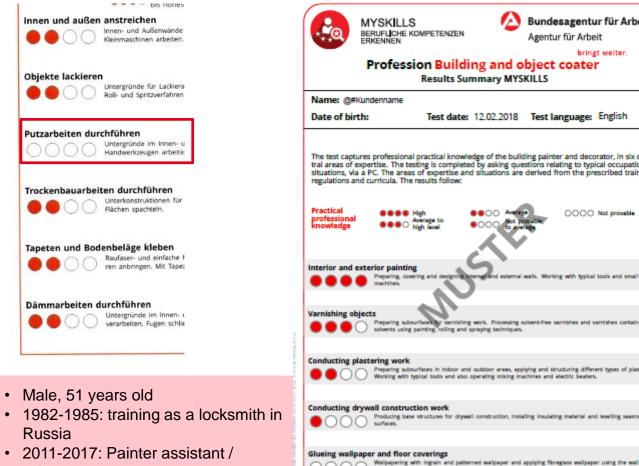




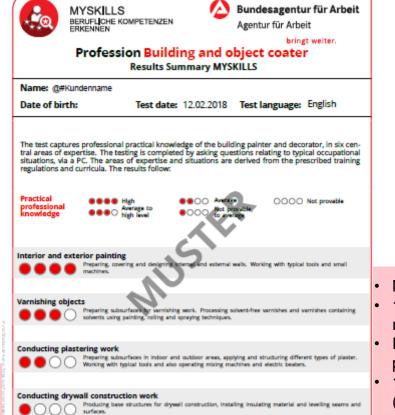
# Backup

# **Practical experience? Unexpected Discoveries!**





- refinisher in a temporary employment agency
- 2017-2018: In-house technician
- Currently unemployed



glueing method. Working with wellpapering tools. Covering floors and laying simple floor covers.

Preparing subsurfaces in indoor and outdoor areas. Setting plinth and completion rails. Processing

insulating materials, closing joints and applying reinforcement fabric and plaster using the usual methods

Conducting insulation work

Cannot be assessed



- Male, 41 years old
- 1993-1997: Training as painter / refinisher
- Resume repeatedly interrupted by periods of unemployment
- 10 employments as painter / refinisher (of those, 6 employment periods at the same company)
- Occasionally, for short periods of time, also employed as building construction assistant and warehousing assistant



Test development -

# Strict quality assurance in test development process for all 30 reference jobs



1	Definition of action fields	2 Task formulation	3 Translation & media production	4 Field testing	5 Pre-testing and statistical analyses	6 Item revision/ selection
•	Identification of action fields Construction of	<ul> <li>Formulation of tasks for action fields</li> </ul>	<ul> <li>Production of video- and image-based test content</li> </ul>	<ul> <li>Conduct of field test (incl. interviews)</li> </ul>	<ul><li>Conduct of pretesting</li><li>Statistical ana-</li></ul>	<ul> <li>Revision and selection of test tasks for final test</li> </ul>
	competence model Curricular & economic	<ul> <li>Curricular &amp; economic validation (expert rating)</li> </ul>	<ul> <li>Translation into test languages</li> </ul>	<ul> <li>Review for:         <ul> <li>understanding,</li> <li>level of</li> <li>difficulty,</li> </ul> </li> </ul>	lyses (reliability, Rasch model, dimensionality) • Calibration	<ul> <li>Consultation with career experts on the</li> </ul>
	validation (expert rating) • Psychometric review of all tasks		- correct language	based on sampling	basis of statis- tical analyses	

#### **Quality assurance with standards for test development and scientists / career experts**