Country Report Germany 2024

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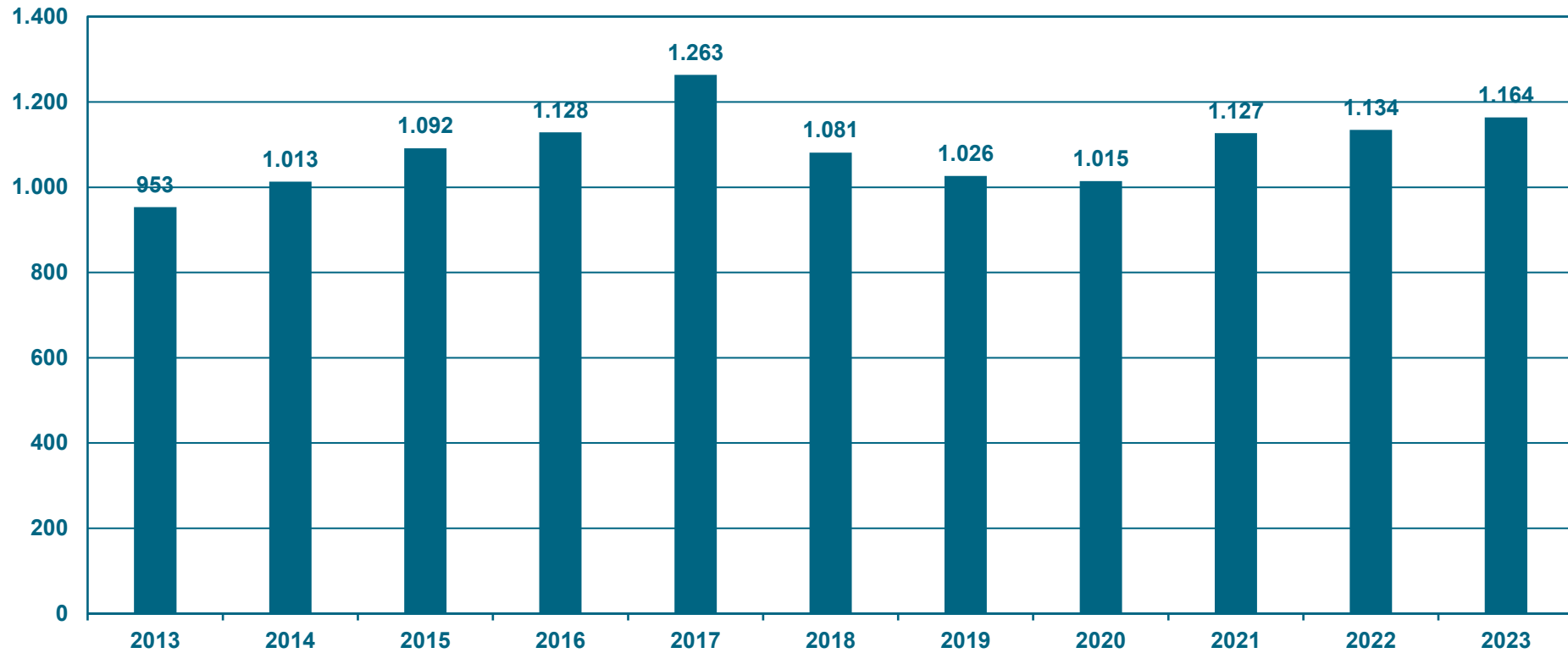President VDMA Measuring and Testing Technology
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Weighing Technology – Production in Germany

Source: Statistisches Bundesamt, VDMA

Germany: Business situation and expectations in machinery and equipment manufacturing

Balance of positive-negative replies

— Current assessment   — 6-month expectations

Source: ifo-Institut, VDMA

The business climate in the mechanical engineering sector as average of the assessment of the current situation and the 6-month expectations moved sideways in April. While the weak outlook has improved slightly at a low level, the assessment of the current situation has deteriorated significantly. One of the reasons for this is probably that more and more companies are complaining about production constraints due to a lack of orders. Overall, the mood remains mixed.

Events

National Weighing Conference (AWA-PTB)

» 24. + 25. January 2024, Braunschweig

» Annual Stakeholder Meeting
  – German Weighing Industry
  – Verification Authorities
  – National Metrology Institute

» Main topic
  – Digitization (Platform economy, New business models, Quality infrastructure, Quality-X)
  – Revision MID and NAWID
    – Centre for Strategy & Evaluation Services (CSES) – Mark Whittle, EU Consultant responsible for the study supporting the evaluation of NAWID and MID incl. the stakeholder consultation

Next conference

» 22. + 23. January 2025

Current activities

Min, Max, e, d – on display

» Legal proceedings in Federal Administrative Court (Oct or Nov 2024 Leipzig)

» EU Safeguard procedure

Security labels

» Extensive discussion with one verification authority about security labels

Verification of large scales (> 30 t)

» Revision of test instructions for non-automatic weighing instruments

» Background: Weight limitation of service trucks with test weights

European Standardiziation (CEN/CLC/JTC 18), two new WGs

» WG 1 NAWI (Revision of OIML R 76)

» WG 2 Digital Product Passport for weighing instruments

Tutorial on the VDMA Compatibility Certificate (CC)

Preliminary remark
The VDMA proof of compatibility (KN) is a web application that is divided into four hierarchical levels.

1) The system admin creates, manages, deletes and assigns licenses to the association admin.
2. The association admin creates, manages, deletes and assigns licenses to the company admin of his member company.
3. The company admin creates, manages, deletes and assigns database accesses to his own company admins and company users. Furthermore, he creates compatibility certificates (CC), creates indicators (IND) and load cells (LC) in the database.
4. The company user creates compatibility certificates (CC), only with the indicators (IND) and load cells (LC) that are available in the database.

The following tutorial is aimed at company admins and company users, where the company is a member of a weighing instrument association (e.g. VDMA).

0 Basic information
0.1 Functionalities of the web application
The web application with database function offers the following options:
- Create and manage users (company admins, company users)
- Calculation of compatibility certificates (CC) for the following types of scales:
  - One-, two- and three-range scales
  - Two- and three-interval scales
- Indicators (IND) and load cells (LC), which are stored in the database with their technical data, can be used for the CC.
- Output of the CC as
  - Write-protected but commentable pdf file
    Note: The data in the pdf file is read-only, but the file can be annotated.
  - Read-only link
- IND and LC can be imported individually or in bulk. This functionality is subject to a charge (€ 1000 for five years).
- All data is stored permanently.
- All input masks are available in German, English, French, Italian and Spanish.

0.2 Number of licenses
Each organization (company of an association) receives a fixed number of licences. If this number is exceeded, no further active users can be created. With only a single license, the user is a company admin.

0.3 Access to the database
Access to the database is via the user's e-mail address and the correct password. Each e-mail address may only be used once. The program does not check the correctness of the e-mail address or whether it exists at all.

The initial password is given to the company admin by the association admin and to the company user by their company admin. The initial password can then be changed individually.

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Mess- und Prüftechnik

VDMA Online Compatibility Check for scales – New features

Tutorial

» New: Tutorial
– Clickable in the blue bar below

» Languages
– German
– English

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