

COUNTRY INFORMATION OF WELMEC MEMBERS



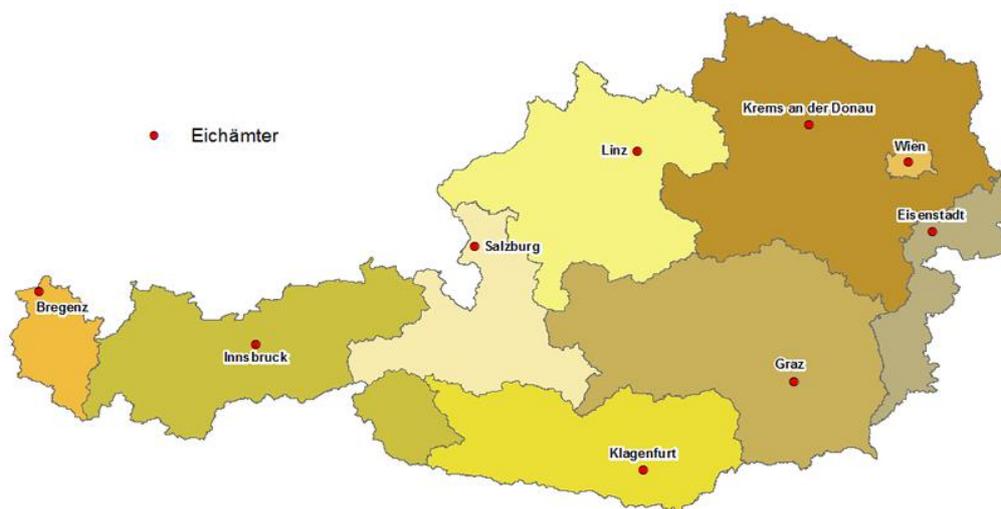
AUSTRIA

1. Organizational Structure and Background

In Austria, the **Metrology Service of the Bundesamt für Eich- und Vermessungswesen**, or **BEV** (Federal Office of Metrology and Surveying, www.bev.gv.at) located in Vienna, is the national metrology institute (NMI) and the national legal metrology authority in Austria. BEV is a **subordinate authority of the Bundeministerium für Wirtschaft, Energie und Tourismus or BMWET** (Federal Ministry of Economy, Energy and Tourism). For historical reasons, the Metrology Service is consolidated into a common organisation with the national authority for land surveying. The statutory basis of the activities of BEV in the field of metrology is the Metrology Act (MEG) Federal Gazette (BGBl.) Nr. 152/1950 as amended.

As NMI, BEV has the task to maintain the national measuring standards of the legal units of measurement and to lay down methods of realisation of these units as well as to carry out international comparisons. The legal units of measurement are disseminated by calibration and testing of measuring instruments/devices. The **Physikalisch-technischer Prüfdienst** of BEV or **PTP** (Physico-Technical Testing Service), which is a restricted legal entity, is entrusted with calibration, testing and related training. The transfer of expert knowledge is provided by seminars and training courses dealing with metrological legislation and other metrological matters.

The tasks of BEV, as legal metrology authority, comprise type approval and verification of measuring instruments, market surveillance and in-service-inspection, control of pre-packages and authorisation and surveillance of verification bodies (Eichstellen). Verifications are only carried out by BEV or the 9 local verification offices (Eichämter) of BEV, if no authorised verification body exists or if the measuring instrument falls into the following category: health service, environmental protection, road traffic and safety purposes.



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Austria is a member of the Metre Convention (since its foundation in 1875 as a former part of the Austro-Hungarian Empire), the OIML (since its foundation in 1955), EURAMET eV. and WELMEC eV.

The legislation in metrology is based, as mentioned above, on the Maß- und Eichgesetz (Metrology Act, MEG) as well as the Messgeräteverordnung, Eich-Zulassungsverordnung, Eichstellenverordnung and Eichvorschriften. Legislation concerning metrology can be found on the website of BEV (German language only): <https://www.bev.gv.at/Das-BEV/Rechtsgrundlagen-BEV/Rechtsgrundlagen-Mess-und-Eichwesens.html>

BEV is a **Notified Body** under the directives 2014/32/EU (MID) and 2014/31/EU (NAWID). The NB of BEV acts as well according to Regulation (EU) 2016/425, concerning personal protective equipment.

Directive 2014/32/EU (MID)

The BEV is a notified body for all modules of the following measuring instruments:

- MI-001 – Water meters
- MI-002 – Gas meters and volume conversion devices
- MI-003 – Active electrical energy meters
- MI-004 – Heat meters
- MI-005 – Measuring systems for the continuous and dynamic measurement of quantities of liquids other than water
- MI-006 – Automatic weighing instruments
- MI-007 – Taximeters
- MI-008 – Material measures (Material measures of length, capacity serving measures)
- MI-009 – Dimensional measuring instruments

A list of all Notified Bodys active in Austria can be found in the Nandoo database:

<https://webgate.ec.europa.eu/single-market-compliance-space/notified-bodies/notified-body-list?filter=countryId:40,notificationStatusId:1>

The **accreditation** of calibration laboratories, verification bodies, testing laboratories, certification bodies and inspection bodies is the responsibility of the Federal Ministry of Economy, Energy and Tourism (www.bmwet.gv.at).

2. Equipment Subject to National Controls with verification periods

Measuring instruments subject to legal control are generally subject to **type approval, initial verification and mandatory subsequent verification** (periodic and after repair). Instruments covered by new approach directives or regulations are excluded from the controls stipulated by Law on Metrology associated with putting them on the market and into use (type examination and initial verification). All the categories of measuring instruments under the EU Directive MID are subject to metrological regulation with the exception of MI-010 “exhaust analysers”. Measuring instruments subject to mandatory verification (with a few exceptions) have to be submitted for subsequent verification within certain periods (between 1 and 20 years, depending on the type of measuring instrument). Utility measuring instruments can alternatively be verified using a statistical sampling method, instead of subsequent verification.

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The following measuring instruments are subject to legal control in Austria:

Instruments for official and commercial transaction

- Measuring instruments for length area and volume
- Taximeters
- Measuring instruments for mass (Non-automatic weighing instruments and Automatic weighing instruments) including weights
- Gas volume meters
- Liquid volume metering instruments
- Measuring instruments for thermal energy
- Capacity measures (tanks)
- Electricity meters
- Measuring instruments for grading cereals
- Manometers
- Thermometers
- Sound level meters
- Dosimeters
- Activity meters
- Measuring instruments for round logs

Instruments for health service and environmental protection

- Weighing instruments
- Dosimeters and contamination meters
- Sound level meters
- Activity meters

Measuring instruments for safety purposes and road traffic

- Dosimeters and contamination meters
- Activity meters
- Axle and wheel weighing systems
- Traffic speed measuring instruments
- Sound level meters
- Breath analysers
- Tyre pressure gauges

Most of this equipment, apart from simple instruments and apart from measuring instruments covered by MID and NAWID is subject to type approval requirements, initial verification and mandatory subsequent verification.

Type approval is one of the tasks of BEV. The examination and testing work is carried out by the above mentioned PTP of BEV, but in some cases results of other competent laboratories may also be taken into account. This holds equally for test results from similar bodies abroad, especially on the basis of international agreements. Fees charged for the testing work are calculated on a full economic cost recovery principle.

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3. Markings used in type approval and verifications

Please visit

<https://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Gesetzesnummer=10012180>