

## **esz AG is an accredited provider of proficiency tests**

**esz AG calibration & metrology has been successfully accredited by the German Accreditation Body (DAkkS) as a provider of proficiency testing in accordance with DIN EN ISO/IEC 17043. esz AG has thus expanded its service portfolio by a further central element of quality assurance in metrology and underpins its leading role as an independent calibration service provider in Europe.** With the accreditation according to ISO/IEC 17043, esz AG fulfills all international requirements for providers of proficiency testing. The standard confirms the competence to organize and carry out these test procedures and to evaluate the results objectively and statistically.

### **Extensive test portfolio**

With one of the most comprehensive accredited test portfolios, esz AG immediately achieves a leading position in the market for proficiency testing. Whether electrical, mechanical or thermodynamic measurements - the company sets new standards with its variety of accredited areas and positions itself as one of the leading providers in Germany and Europe.

The newly acquired accreditation covers an impressive range of measurement parameters:

- Electrical measured variables (DC, LF, HF): current, voltage, resistance, capacitance, inductance, power and more
- Mechanical variables: Pressure, force, volume flow rate
- Automotive measurement technology: Exhaust gas measuring devices for gasoline and diesel engines
- Thermodynamics: temperature measurements with thermocouples, resistance thermometers or in climatic chambers
- Humidity measurement: relative/absolute humidity, dew point temperature
- Time and frequency: time intervals, frequency, speed
- Optical measurands: Photometry
- Dimensional sizes: Length gauges, threads, gauge blocks, line gauges

### **Quality creates trust**

"By receiving ISO 17043 accreditation, we are underlining our consistent commitment to the highest quality standards in measurement and calibration. Our customers can now also rely on the customary precision, reliability and expertise of esz AG in the field of proficiency testing. Thanks to our broad service portfolio of accredited measurement parameters, esz AG has positioned itself right from the start among the leading providers of proficiency tests - both in Germany and throughout Europe," says Daniel Herrmann, Managing Director Sales at esz AG.

### **What are aptitude tests - and why are they important?**

Proficiency tests are comparative tests in which several laboratories work independently of each other on an identical measurement or test task. The results of the participants are then compared in order to objectively assess the performance and competence of the participating laboratories under the same conditions. These tests are a proven means of external quality assurance and are used in particular by accredited laboratories to validate their methods, processes and results.



Participation provides laboratories with valuable insights into their analysis quality, enables the identification of potential sources of error and supports continuous improvement. As a provider, esz AG assumes a responsible role: it organizes, coordinates and evaluates the proficiency tests professionally and in accordance with standards.

Further information on the aptitude tests offered and how to register can be found at: [www.esz-ag.de](http://www.esz-ag.de) or you can send your request by e-mail to: [pt@esz-ag.de](mailto:pt@esz-ag.de) or [vertrieb@esz-ag.de](mailto:vertrieb@esz-ag.de)

.....  
Contact:

esz AG calibration &

Frank Wunderlich, Head of Marketing & Communication

Phone: +49 8141 88887-187 - Fax: +49 8141 88887-77

[f.wunderlich@esz-ag.de](mailto:f.wunderlich@esz-ag.de) - [www.esz-ag.de](http://www.esz-ag.de)

**esz AG calibration & metrology** is one of the leading and most modern metrology laboratories in Europe. Its work focuses on the calibration of industrial measurement technology.

esz AG is characterized by tailor-made solutions, a large service portfolio and cost transparency. Renowned, globally active companies have been relying on the professionalism of the calibration laboratory based in Eichenau near Munich for over 45 years.