

WE MEASURE. YOU GROW.

**Engineering Tracker Est.**  
For Maintenance  
C.R. 2050145996



مؤسسة متتبع الهندسة  
للصيانة  
س.ت ٢٠٥٠١٤٥٩٩٦

# WE STAND FOR EXCELLENCE

نحن نقف من أجل التميز



**RADOMIR PUTNIK**  
General Manager,  
ENGINEERING Tracker Est.



**SHAFEEK RAHIMAN  
ERAVARAMKUNNATH**  
Sales Manager,  
ENGINEERING Tracker Est.

Strong partnerships are characterised by trust. In a company, in business and in a family. But we realise that this trust must be earned and warranted.

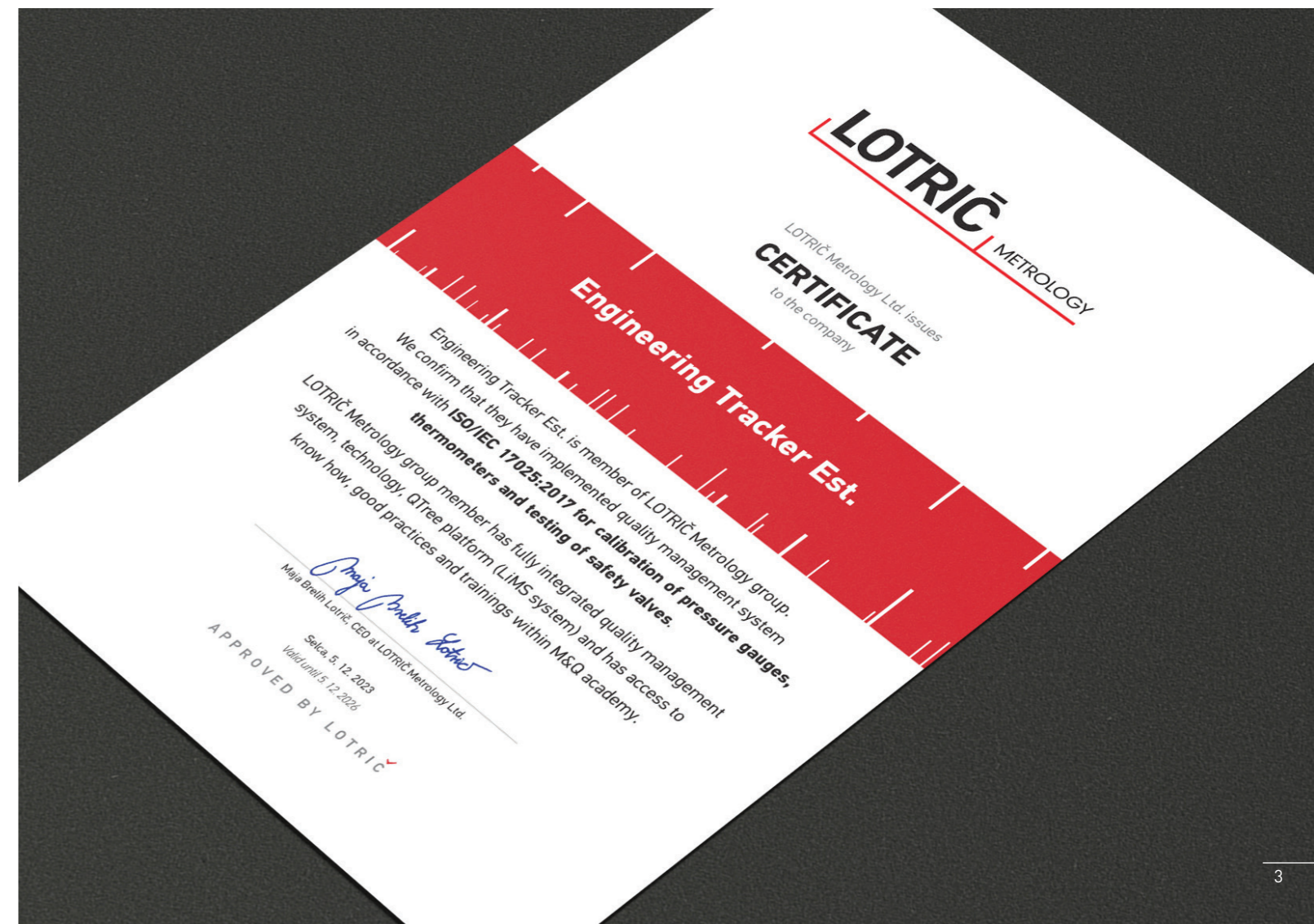
With a passion for metrology and a commitment to excellence, Engineering Tracker Est. has established itself as a reliable partner for businesses across the Kingdom of Saudi Arabia.

We are a team of experienced professionals dedicated to providing our clients with the highest quality metrology services, backed by the expertise of the renowned LOTRIČ Metrology Group. Our services encompass a wide range of metrology needs, from basic calibration and repair to complex metrological projects.

We are committed to understanding each client's unique challenges and tailoring our solutions accordingly. Our dedication to timely, accurate, and reliable services is exemplified by our commitment to fast respond to all your inquiries. As a reliable partner, we proudly assist businesses in achieving their metrology goals, enhancing product quality, minimizing downtime, and ensuring compliance with international standards.

Our cutting-edge technology, including a fully digitalized LIMS system developed by LOTRIČ Metrology specifically for metrological needs, further underscores our commitment to providing exceptional metrology services. With Engineering Tracker Est., you can rest assured that your metrology needs are in competent hands.

Let us be the catalyst for your metrology success.





# QUALITY AT THE HIGHEST LEVEL

# الجودة على أعلى مستوى

We operate in accordance with the ISO/IEC 17065, ISO/IEC 17025, ISO/IEC 17020 and ISO 9001 standards, and the EFQM Excellence Model.



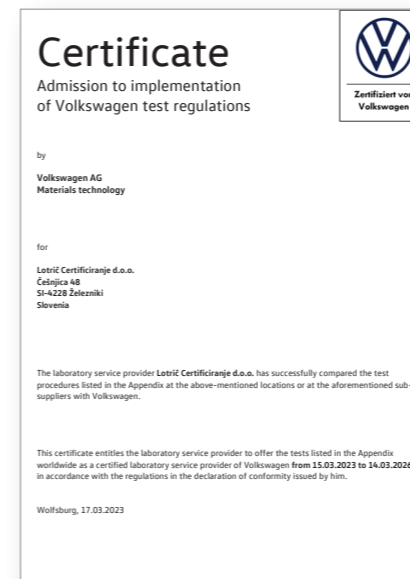
Calibration laboratory SA LK-008, LOTRIČ Metrology Ltd.



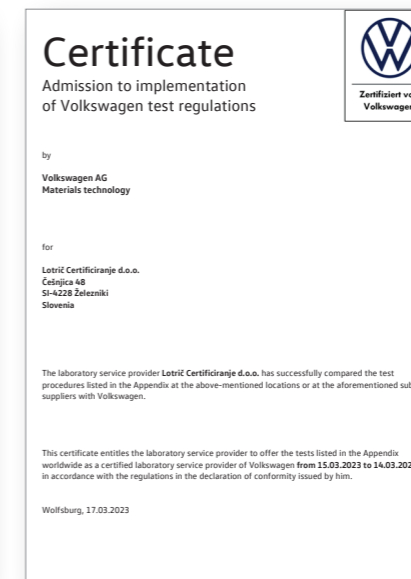
Testing laboratory SA LP-099, LOTRIČ Metrology Ltd.



Testing laboratory SA LP-004, LOTRIČ Metrology Ltd.



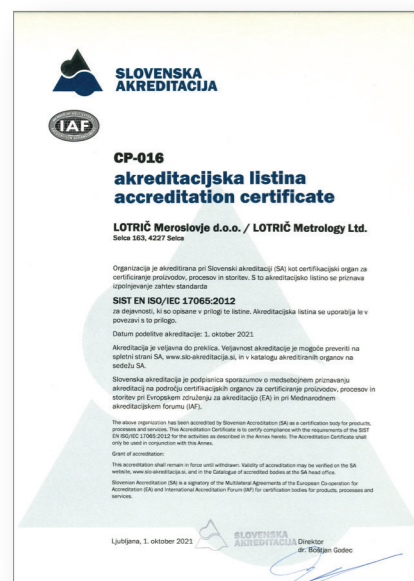
Testing laboratory of VW 0130, LOTRIČ Certification Ltd.



Testing laboratory of VW 0131, LOTRIČ Certification Ltd.



Accreditation certificate HAA-2137, HAA-6604, TEHNIČAR Servag d.o.o.



Certification body SA CP-016, LOTRIČ Metrology Ltd.



Inspection body SA K-003, LOTRIČ Metrology Ltd.



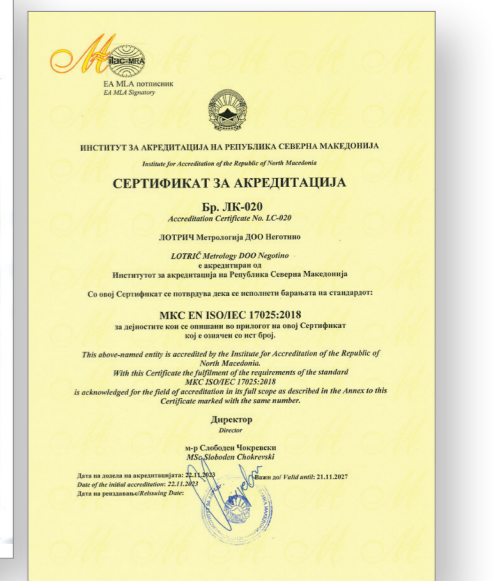
Quality system approval certificate ISO 9001, LOTRIČ Metrology Ltd.



Accreditation certificate BATA LK-85-0, IN-85-02, LOTRIČ Control d.o.o.



Accreditation certificate ATS 02-082, ATS 06-359, LOTRIČ Metrologija d.o.o.



Accreditation certificate LK-020, LOTRIČ Metrologija d.o.o. Negotino

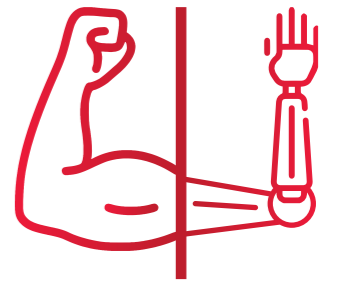
# YOUR EUROPEAN PARTNER OF EXCELLENCE IN METROLOGY

شريكك الأوروب  
ي المتميز في علم القياس

Companies and national and international organisations entrust us with their measuring needs. With our help, they can focus on their core business.

## WE INCREASE PRODUCTIVITY WITH AUTOMATION

We introduce and develop state-of-the-art solutions in the field of process and industrial automation – sophisticated measuring equipment and software to support quality and control the production process. LOTRIČ Metrology solutions significantly improve the productivity and competitiveness of our partners.



## WE DRIVE DEVELOPMENT AND INNOVATE SOLUTIONS



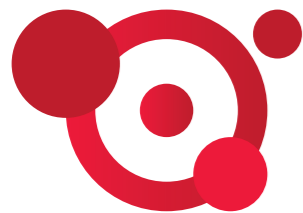
We cooperate with 16 research institutes and universities to develop innovative solutions. Together with the Jožef Stefan Institute, one of the most prestigious European research organisations, we developed the iLAB project, an intelligent laboratory system for healthcare. The project received the Taras award, which is given for successful cooperation between industry and the scientific research sphere in the field of innovation, development and technology. We are also a proud co-founder of the NELA development centre for the electrical and electronics industry. We have developed and secured five patents.

## WE STAND FOR EXCELLENCE AND SUSTAINABILITY

We operate in accordance with the ISO/IEC 17065, ISO/IEC 17025, ISO/IEC 17020 and ISO 9001 standards, and the EFQM Excellence Model. We have received numerous recognitions and awards: *the Republic of Slovenia Award for Business Excellence* and the *5-STAR Recognition Award*, the *Bronze Gazelle Award* for fast growing companies, *the national Golden Thread Award* for employer of the year and the *Family Business Award of Excellence*. We are proud ambassador of Slovenia's green, creative and smart economy.



## LEADING PROVIDER OF "ALL-IN-ONE" SOLUTIONS



Every year, the LOTRIČ Metrology Group issues 100,000 certificates based on 5,000,000 measurements, which we evaluate with 4 billion measurement data collected and archived using our own EXACTUM system. We have a responsibility to our partners and the metrology profession, and we make sure to meet and exceed all expectations.

## A COMPREHENSIVE MEASUREMENT CENTRE FOR MORE THAN 21,000 COMPANIES

With 464 methods, of which 225 are accredited, we are the leading provider of all-in-one metrology solutions. We cover more than 95 % of all metrological needs for most clients. We represent over 30 renowned providers of measuring and laboratory equipment. With certificates in 52 countries and a QNet network of international partners, we provide services in the EU and beyond. We guarantee the highest level of responsiveness in 24 hours. Our references include the names of more than 21,700 companies.



## A FAMILY MULTINATIONAL WITH A 100-YEAR-OLD HISTORY



We are a family business that has been developing and implementing metrological solutions over 30 years. We draw on a tradition that began in 1923 with the establishment of the first chemical laboratory. Since then, we have grown into the European Group LOTRIČ Metrology, which brings together more than 180 experts in the field of metrology.



# MEASURES: ORDERLY AND ACCURATE

## التدابير: منظمة ودقيقة

In the LOTRIČ Metrology group, we perform calibrations for the widest range of your requirements. Our trained experts use modern equipment to calibrate both at your location and in the laboratories of the LOTRIČ Metrology Group.

You will receive a Calibration certificate after each calibration. The certificate ensures the traceability of your measuring instruments, tabular and graphical accuracy and precision results with measuring uncertainty. The calibration certificate complies with the necessary international standards, technical guidelines and your specific needs.



### ALL CALIBRATIONS IN ONE PLACE

#### MASS & PRESSURE

- Weighing instruments
- Weights and masses of any objects
- Pressure gauges (manometers, barometers, vacuum gauges, pressure transducers)

#### VOLUME & DENSITY

- Pipettes, burettes, dispensers and titrators
- Automated liquid handling systems (pipetting robots) – ALHS
- Graduated, measuring cylinders and bottles
- Density bottles – pycnometers
- Volume vessels
- Air entrainment meters – porosimeters
- Hydrometers
- Body volume and density

#### CHEMICAL QUANTITIES

- pH and conductivity meters
- Gas detectors and analysers
- Salinity meters

#### FLUID & AIR FLOW & VELOCITY

- Gas flow meters
- Fluid flow meters
- Volumetric dosing systems
- Anemometers

#### ELECTRICAL QUANTITIES

- Multifunctional testing instruments
- Current meters and sources (AC/DC)
- Current clamp meters and adapters (AC/DC)
- Voltage meters and sources (AC/DC)
- Resistance meters and sources (AC/DC)
- Power, energy meters and sources (AC/DC)
- Frequency meters and sources
- Chargers

#### OPTICAL QUANTITIES

- Illuminance meters – luxmeters
- Light transmittance (smoke) meters – tint meters
- Glossmeters
- Headlight centring devices – reglosopes
- Light reflectance meters – reflectometers
- Refractometers

#### TIME & SPEED & ACCELERATION

- Timers (stopwatches)
- Tachometers and frequency sources (stroboscopes)
- Vehicle speed testers (speedometers)
- Acceleration and deceleration meters – decelerometers

#### TACHOGRAPHS

- Indoor rollers and outdoor testing facilities
- Calibrators (manual and static units)
- Timers – Clock testers

#### FORCE & TORQUE

- Force gauges (dynamometers)
- Force measuring machines (force, rate, force increment)
- Extensometers and position of crosshead
- Concrete testing machines
- Torque wrenches and screwdrivers
- Rotary tools for threaded fasteners (torque and angle)
- Roll brake testers
- Calibration levers for roll brake testers
- Wheel balancing machines

#### TEMPERATURE & HUMIDITY

- Thermometers with indicators
- Liquid-in-Glass thermometers
- Clinical thermometers
- Radiation thermometers
- Resistance thermometers and thermocouples
- Resistance thermometer and thermocouples indicators and simulators
- Relative humidity meters – hygrometers
- Climatic chambers (rooms, refrigerators, baths, ovens, dryers, sterilisers)
- Dry calibrators – thermoblocks
- Material moisture meters

#### ACOUSTICS & VIBRATION

- Sound level meters (phonometers)
- Acoustic calibrators and microphones
- Accelerometer calibrators
- Vibration meters
- Artificial mastoids
- Seismic activity meters

#### ANGLE & INCLINATION

- Angle gauge blocks
- Protractors and squares
- Sine bars
- Clinometers

#### HARDNESS & ROUGHNESS & TOUGHNESS

- Hardness testers and hardness blocks (Shore, IRHD, VLRH, Rockwell, Brinell, Vickers, Leeb)
- Roughness testers and roughness reference standards
- Pendulum impact machines (Charpy testers)

#### LENGTH & SHAPE

- Gauge blocks and gauges
- Plug and ring gauges (plain, tread, taper)
- Callipers and height gauges
- Micrometres and micrometers and dial gauges clocks
- Tape measures, rulers and telescopic ruler scales
- Laser distance meters and draw wire length instruments
- Ultrasonic and magnetic thickness gauges, material thickness measuring instruments
- Coordinate measuring machines (3D)
- Optical measuring machines (2D)
- Linear measuring machines (1D)
- Measuring plates and rulers
- Test sieves

# YOUR MEASURES: WE TREAT THEM AS IF THEY WERE OUR OWN

## تدابیرک: نتعامل معها کما لو كانت تدابیرنا

In the LOTRIČ Metrology Group, we handle each measuring instrument you entrust to us for calibration with the utmost care. We properly protect them in order to extend their service life – in some cases by 200 %!

We carefully clean all measures in the process, and properly temper them for accurate measurements. After performing the calibration, we check the records not only using computer algorithms, but personally as well. In this way, we ensure the highest accuracy of measurements and a standard of excellence for all the services provided by the LOTRIČ Metrology Group.

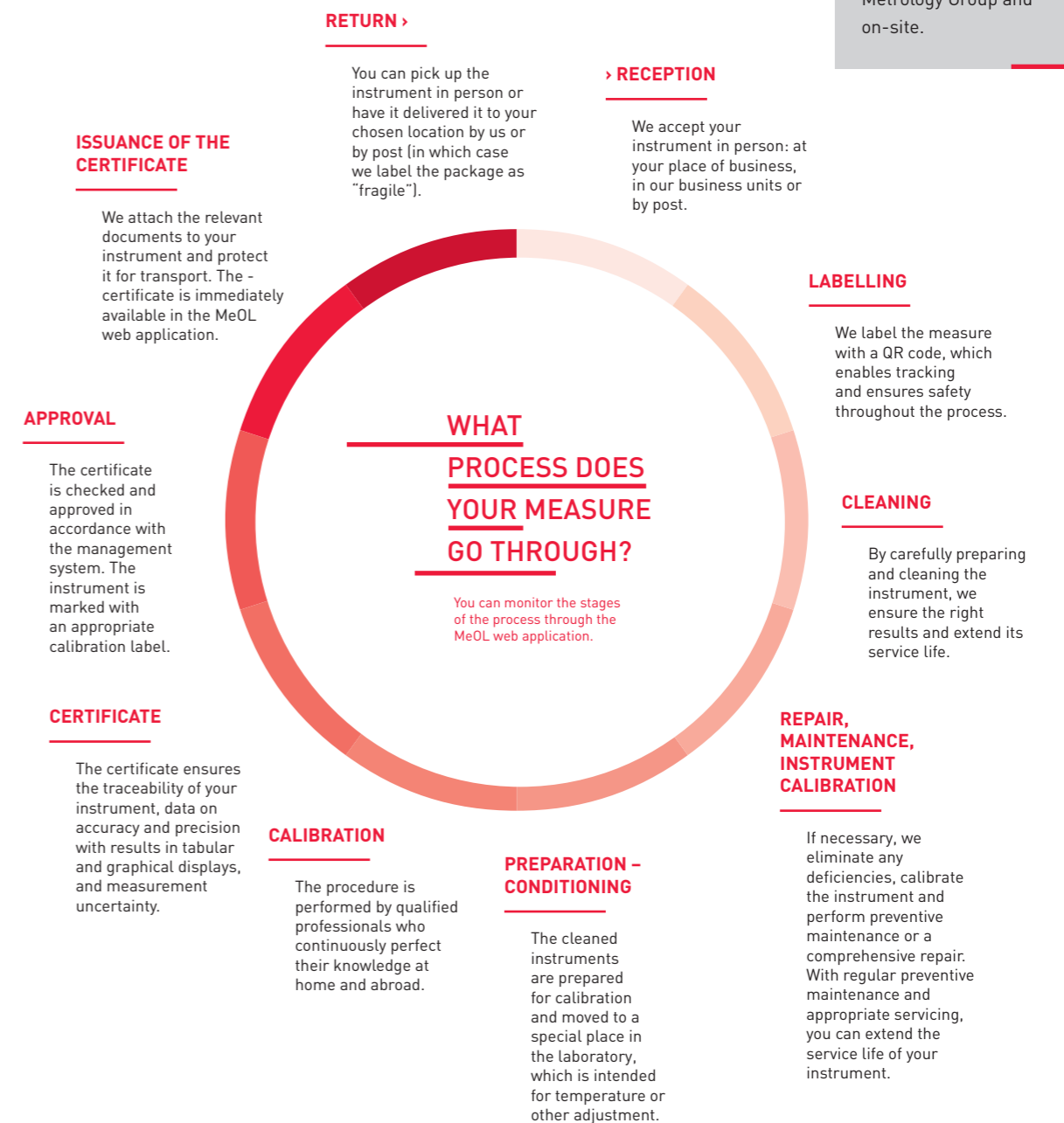
When the process is completed, you receive a calibration certificate that complies with the necessary standards, technical recommendations and your specific needs. Through the MeOL web application, you can check at which stage of the process your measure is.

### During the calibration process we guarantee:

- Metrological traceability at a national and/or international level
- Protection of data and methods
- Longer service life of the measures
- Measure cleanliness

### MEASURE REPAIR AND PREVENTIVE MAINTENANCE

Measuring instruments require maintenance even when they are not defective, as their components age. Over time, the long-term stability of the measures deteriorates. You can extend their service life with regular preventive maintenance and appropriate servicing. We perform servicing and maintenance both in the laboratories of the LOTRIČ Metrology Group and on-site.





# A DOCUMENT TO PROVE YOUR QUALITY

## وثيقة لإثبات الجودة الخاصة بك

After performing the calibration, testing, control and qualification procedures in the LOTRIČ Metrology Group, you will receive an approved certificate, which clearly states all the parameters that are important to your clients and enables you to prove and guarantee your quality.

We are recognised as a reference partner that has been working in the field of calibrations, testing, inspection and qualifications for decades. Simultaneously with the development of services, we also developed a certificate based on the wishes, needs and in-depth cooperation of our partners.



<b>LOTRIČ<sup>®</sup> METROLOGY</b>		رقم شهادة certificate number 285-28-23-1	
<b>شهادة معايرة CALIBRATION CERTIFICATE</b>			
مشارك applicant	COMPANY Ltd. Metrology square 1 - Riyadh 13519		
المالك owner	COMPANY Ltd. Technical street 2030 - Dammam 32234		
موقع location	COMPANY Ltd. Industrial road 45 - Al Jubayl 35715		
معاير measure	زاوية Square gauge		
الرجل type	300x200 mm		
رقم تسلسلي serial number		رقم المخزون inventory number	كود شاسي الأبعاد في العينة 2D code on sample
0095329		SQP-01	0095329
النتائج result	تبرير مشروط conditional pass		
التفاصيل مغطاة في فصل نتائج القياس Details are given in chapter measurement results.			
تاريخ المعايرة date of calibration	تاريخ الموافقة date of approval		
27.01.2023	27.01.2023		
تم اكتشافه performed by	موافقة approved by		
Domen Pintar		Primož Hafner	
internally digitally signed	person responsible personally responsible digitally signed date: 27.01.2023		
		Slovenska akreditacija je podpisnica večstranskih sporazumov o priznavanju akreditacijskih organov z Evropsko akreditacijo (EA - MLA) in Mednarodnim združenjem za akreditacijo laboratorijev (ILAC - MRA). Slovenian Accreditation is signatory to the multilateral agreements on recognition of accreditation bodies with the European Accreditation (EA - MLA) and International Laboratory Accreditation Cooperation (ILAC - MRA).	
يمكن نشر هذا المستند أو إعادة توزيعه إلكترونياً فقط يمكن التحقق من صحة التوقيع في النسخة الإلكترونية This document may be published or forwarded only in full. Signature validity can be verified in electronic version.			
LOTRIČ Meroslovje d.o.o., Selca 163, 4227 Selca +386 4 517 07 00, info@lotric.si, www.lotric.si		صفحة page v1.1 1 / 4	

Personalised certificate:  
An internationally valid certificate is issued in two languages of your choice.

You will receive the desired sample identification numbers on the certificate. The Statement of Conformity is made according to the standards or requirements of your process.

Graphic display: Tables, graphs and photos offer a quick and easy overview of the results and the relevance of the sample.

E-signature: Enables easy verification of the authenticity and integrity of the document and identification of the certificate signatory.



NETWORK OF  
THE BEST:  
WE REPRESENT THE  
WORLD'S LEADING  
MANUFACTURERS

شبكة من الأفضل: نحن نمثل  
الشركات المصنعة الرائدة في العالم

We select and represent providers of measuring devices and laboratory and pharmaceutical equipment of the highest quality just for you.

Our team of experts regularly checks the global offer and metrological innovations, and carefully selects representation to complement the comprehensive offer of products and solutions.





# INSTRUMENT MANAGEMENT APPLICATION

## تطبيق إدارة الأدوات

In LOTRIČ Metrology group we issue e-certificates, which are accessible via the MeOL web application.

With electronic certificates in one place and a comprehensive overview of the state of the measuring equipment, managing a quality system has never been easier.



### ORDERLY RECORDS

Just a few clicks separate you from the entire history of your measuring equipment and all the issued certificates in one place.



### AVAILABILITY 24/7

Certificates and sample history are available anytime, anywhere; you will no longer have problems with sample records and searching for certificates.



### ALARM ACTIVATION

The system automatically alerts you to the expiration date of measuring equipment examination.



### SUPERVISION

In the MeOL web application, you can check which phase of the process your sample is currently in.



»Regular calibration and verification of measuring instruments is extremely important in our work. The MeOL application makes it easier for us to trace the instruments, and warns us about the appropriate moment when the instruments need to be sent for calibration. Since Avto Krka has 29 business units throughout Slovenia, and more than 500 employees, one of the important functionalities of MeOL for us is the fact that it enables easy determination of users and their rights. Each of the instruments has a specific trustee, who oversees the quality of the instrument in the specific location. The rights of access are then hierarchically arranged, which facilitates central control over the instrument.«

M.Sc. Simona Felser  
Area manager  
Avto Krka d.o.o.



»With its simplicity and transparency, the MeOL application has significantly facilitated our work and completely replaced our own database of measuring instruments. We currently operate with more than 1,000 instruments, and they are all listed in MeOL. In addition to standard functions, the application also allows us to control measuring instruments which are already written-off, and which have the status of inactive in the database. Due to the nature of our work and the large range of instruments, many changes take place, such as in the location of the instruments. Employees of LOTRIČ Metrology are always ready to help us, and they take care of all our wishes and needs.«

Alojz Kosi  
Quality Control  
Farmtech d.o.o.

## MEOL – INSTRUMENTS ONLINE

Scan the QR code and fill out the contact form on the website, or contact us via e-mail, and we will send you a username and password for free demo



access to your database of measuring equipment.



# KNOWLEDGE HUB: KEEPING PACE WITH THE PROFESSION AND TRENDS

# محور المعرفة: مواكبة التقنيات والاتجاهات في المهنة

Humanity produces 2.5 trillion bytes of data every day. Technological development is exponential. Each day, a new innovation enriches the field of metrology.

We share our knowledge, progress and metrological developments with you. We organise practical training, which makes your work easier and helps you on the way to accurate measurement results.

## PROFESSIONAL TRAINING: IN PERSON AND ONLINE

The "Everything you need to know about ..." training introduces important professional content to the participants. This makes it possible for you to use modern expertise and the most effective approaches in your work. With M&Q training, you can keep up with the profession and current trends.

In short and dynamic educational "Everything you need to know about ..." meetings, you learn about the individual areas of metrology:

- Temperature and relative humidity,
- Weighing,
- Pipetting,
- Length,
- Geometric dimensioning and tolerance,
- Roughness,
- Hardness,
- Pressure,
- Control bodies management system (ISO/IEC 17020),
- Laboratory management system (ISO/IEC 17025),
- Equipment management,
- Internal calibrations,
- Internal audit,
- Certificates interpretations,
- Measurement uncertainties,
- Equipment management in healthcare.

You can find the dates of the training at [www.lotric.si/en](http://www.lotric.si/en).

We also organise custom professional training according to your needs and basic knowledge.

## GENERAL EDUCATION

During the practical part of the training, you can visit accredited metrology laboratories, test of measuring instruments, and perform measurements by comparing your results and the results of an expert. All training sessions encourage open discussion in a pleasant atmosphere, which includes an exchange of opinions and experiences. After completing the training, you will receive a certificate of technical competencies and an invitation to contact us in case any questions arise.

## PROFESSIONAL MEETINGS

Every year, we participate in numerous round tables, professional lectures and metrology days, where we widen the understanding of metrology. We pay special attention to young people as well and strive to raise the quality of technical education in schools.

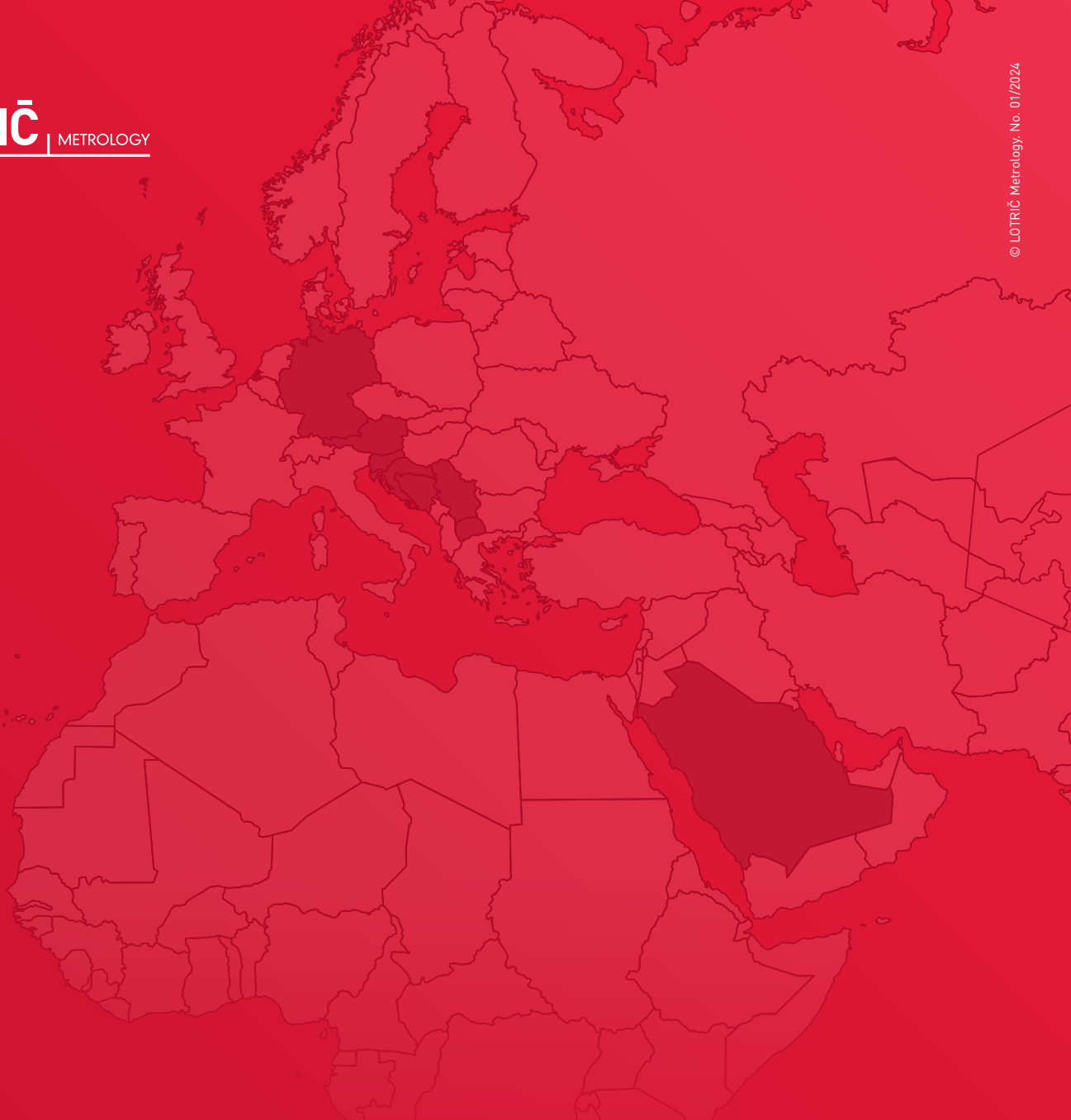
We organise business breakfasts with international experts from various fields of metrology and quality: laboratories, industry, mobility, healthcare, the pharmaceutical industry.

## BUSINESS EXCELLENCE CONSULTING

We are a licensed consultant for the EFQM Excellence Model. The EFQM model will help your organisation on the path to success and give you information on how to achieve sustainable value in your creations.







## COMPANY IN KINGDOM OF SAUDI ARABIA

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