CSA GROUP

Testing, inspection, and certification services you can trust

Bringing over 100 years of experience to the work we do for you.

Welcome to CSA Group in Europe

For more than 100 years, the CSA mark has been one of the most widely accepted certification marks in the US and Canada — appearing on billions of products to indicate that they meet the safety and performance requirements of the applicable standards. With over 30 locations in 13 countries, CSA Group is a global leader in facilitating standards development and in product testing, inspection, and certification. With the opening of our new CSA Group campus, which is conveniently located in Plattling, South Germany, we significantly expand our capabilities to deliver leading product testing and certification services to manufacturers and importers around the globe. We are proud to offer highly trained and qualified local experts, state-of-the-art technology testing laboratories, and smart solutions designed to evolve alongside our customers' business needs. Providing end-to-end services with direct access to technical experts in Europe and our global network, this location is ready to meet the global certification needs of manufacturers, right in the heart of Europe.

I invite you to visit us virtually at www.csagroup.org/csa-plattling, or in person at one of our facilities.

Peter Mertel, Regional Vice President, Europe and India at CSA Group

Work with us and make the world an even safer, better, and more sustainable place!

CSA Group at a glance

CSA Group is a global leader in facilitating standards development and in product testing, inspection, and certification around the world — including Canada, the US, Europe, and Asia.

Our organisation was founded in Canada in 1919 — when a surge in manufacturing and building activity revealed an urgent need for safety standards. Identifying this gap in the marketplace, CSA Group (formerly known as Canadian Electrical Standards Association) introduced its very first sets of standards, which were designed to encourage the safe construction of railroad bridges and electrical equipment. Since that date over 100 years ago, CSA Group has facilitated the development of more than 3,000 standards — and our certification marks, which are widely accepted and trusted by consumers in Canada and the US, can be found on billions of products across many different industries. When manufacturers wish to demonstrate product compliance with relevant standards in a specific global market, they turn to our testing, inspection, and certification experts. Guided by our mandate of safety, social good, and sustainability, we make it a priority to operate with the latest technological advancements — and offer leading industry expertise and service delivery across current and emerging technologies.

100+

Years of experience

Rely on an internationally recognised company with over a century of experience.

140+

International markets

Get centralised certification services to help you access more than 140 markets worldwide.

Several accredited certification programs

Our list of accredited certification programs is constantly growing — so you can always find the certification services you need, for many applications.

2,000

Employees

Gain the support of leading engineers, technicians, and certifiers for your next testing and certification project.

13

Countries

With offices within 13 countries across North America, Europe, and Asia, it is easy to find a CSA Group facility located within reach.

Centralised services

As a full-service provider, CSA Group provides holistic product testing, inspection, and certification. From pre-testing support to safety, electromagnetic compatibility (EMC) and radio testing, to environmental simulation testing (and everything in between), we offer a broad range of services and capabilities to support you through every stage of your compliance journey.
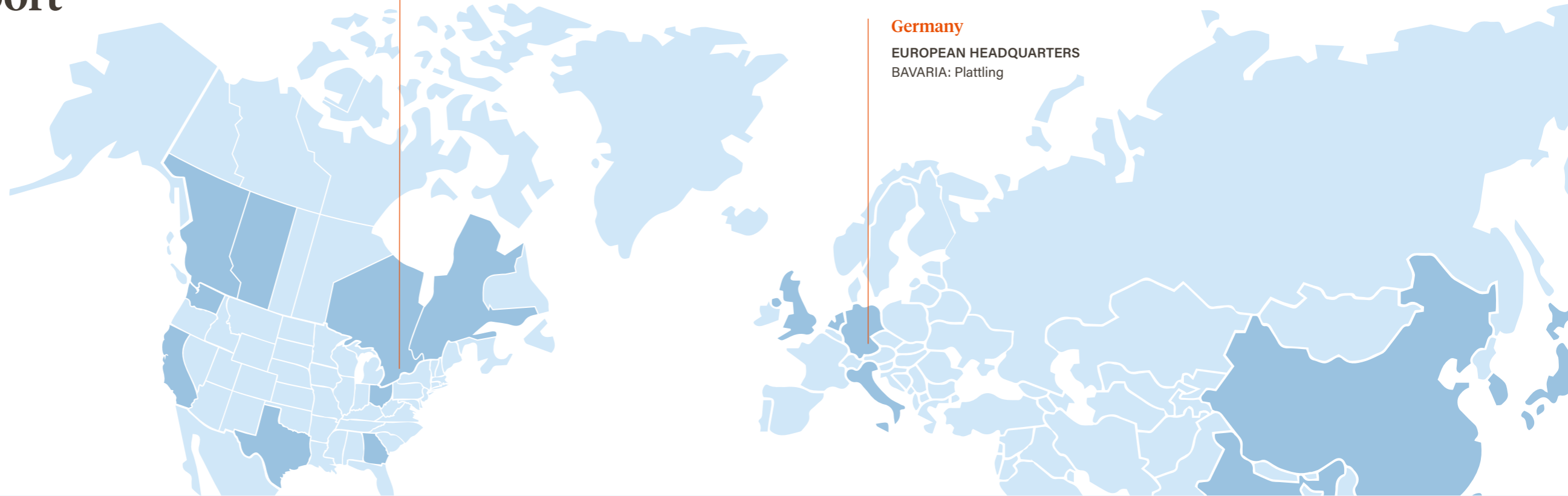
Global reach, regional support

Serving the world through a strong global network

As a global provider of testing, inspection, and certification services, CSA Group understands the difference a local team can make. To help you navigate today's complex standards requirements, we connect you with regional experts who can communicate fluently in your preferred language — and collaborate with you to ensure the efficient testing and certification of your products.

Canada
CORPORATE HEADQUARTERS
ONTARIO: Toronto

Germany
EUROPEAN HEADQUARTERS
BAVARIA: Plattling

Canada
ALBERTA: Edmonton
BRITISH COLUMBIA: Vancouver
ONTARIO: Toronto, Ottawa
QUEBEC: Pointe-Claire

US
CALIFORNIA: Irvine
GEORGIA: Alpharetta
OHIO: Cleveland
TEXAS: Plano
WASHINGTON: Redmond

Germany
BAVARIA: Munich, Strasskirchen, Plattling
HESSE: Frankfurt am Main

Italy
LOMBARDIA: Agrate Brianza

Netherlands
GELDERLAND: Arnhem, Apeldoorn

United Kingdom
DEESIDE: Hawarden

India
KARNATAKA: Bangalore

China
BEIJING
GUANGDONG: Guangzhou, Shenzhen
JIANGSU: Kunshan
SHANGHAI: Shanghai

Japan
TOKYO: Tokyo

Singapore
SINGAPORE

South Korea
GYEONGGI-DO: Seoul

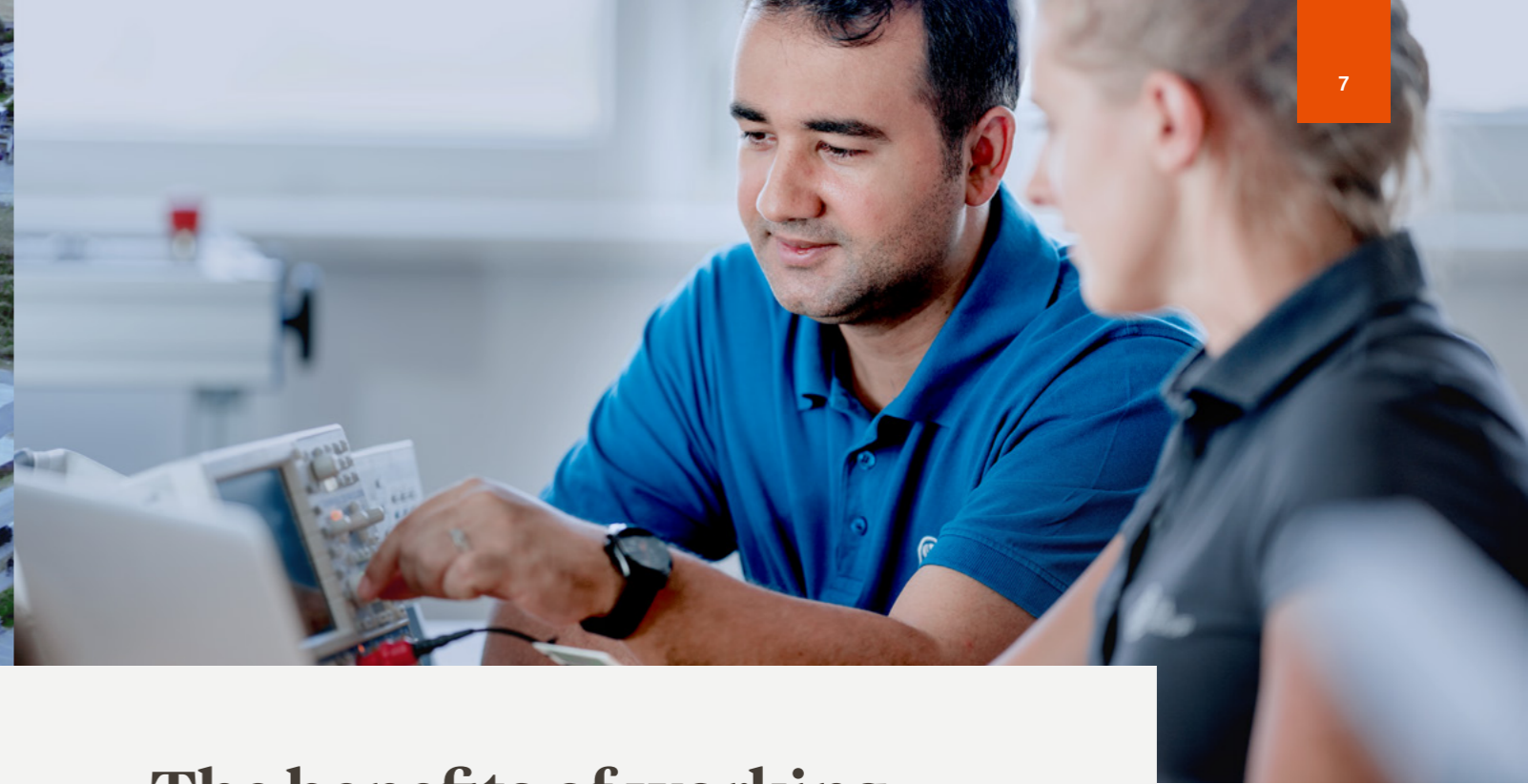**Taiwan**
TAICHUNG
TAIPEI: Taipei City
TAIWAN: Taoyuan City

CSA GROUP

Your local experts

12,280
square metres

Largest
EMC laboratory in Europe

200
technical experts

The benefits of working with CSA Group

New headquarters in Germany

For several decades, CSA Group has supported European manufacturers with world-class testing and certification expertise. Over time, we have gradually grown our European footprint — and today we are proud to offer local experts in CSA Group offices across Germany, Italy, the Netherlands and the United Kingdom. Our latest addition, a campus, which includes multiple high-tech laboratories in Plattling, Germany, demonstrates this commitment. This state-of-the-art facility offers a range of leading, end-to-end testing and certification services and expanded testing capacities, including the largest EMC laboratory in Europe. These services are led by our experienced team — individuals who work directly with you, to help you meet the compliance requirements for specific standards in your desired market in an efficient way. Additionally, our team works diligently to make sure your testing and certification experience is a transparent one — going above and beyond to proactively inform you through each stage of your project.

Take a tour through the CSA Group campus in Plattling, Germany.

Wide range of services
At CSA Group, we make it a priority to evolve with the market. Today, we offer a wide range of services to test and certify your electrical, electronic, and gas-fired appliances, devices, vehicles, and vehicle components, as well as smart meters, energy storage, and building products.

A single touchpoint
CSA Group can serve as a single point of contact for several testing and certification needs, helping you launch products in many global markets, such as Europe, North America, and Asia.

State-of-the-art labs
Our labs are equipped with the latest technology and CSA Group's customised testing equipment to test efficiently a wide range of specificaitons and standards.

Close proximity
Our offices located throughout Europe mean that transporting your products for testing has never been more convenient.

Testing, inspection, and certification services for your industry

CSA Group is committed to providing testing and certification services that support the needs of manufacturers across industries, geographical markets, and phases of the product lifecycle.
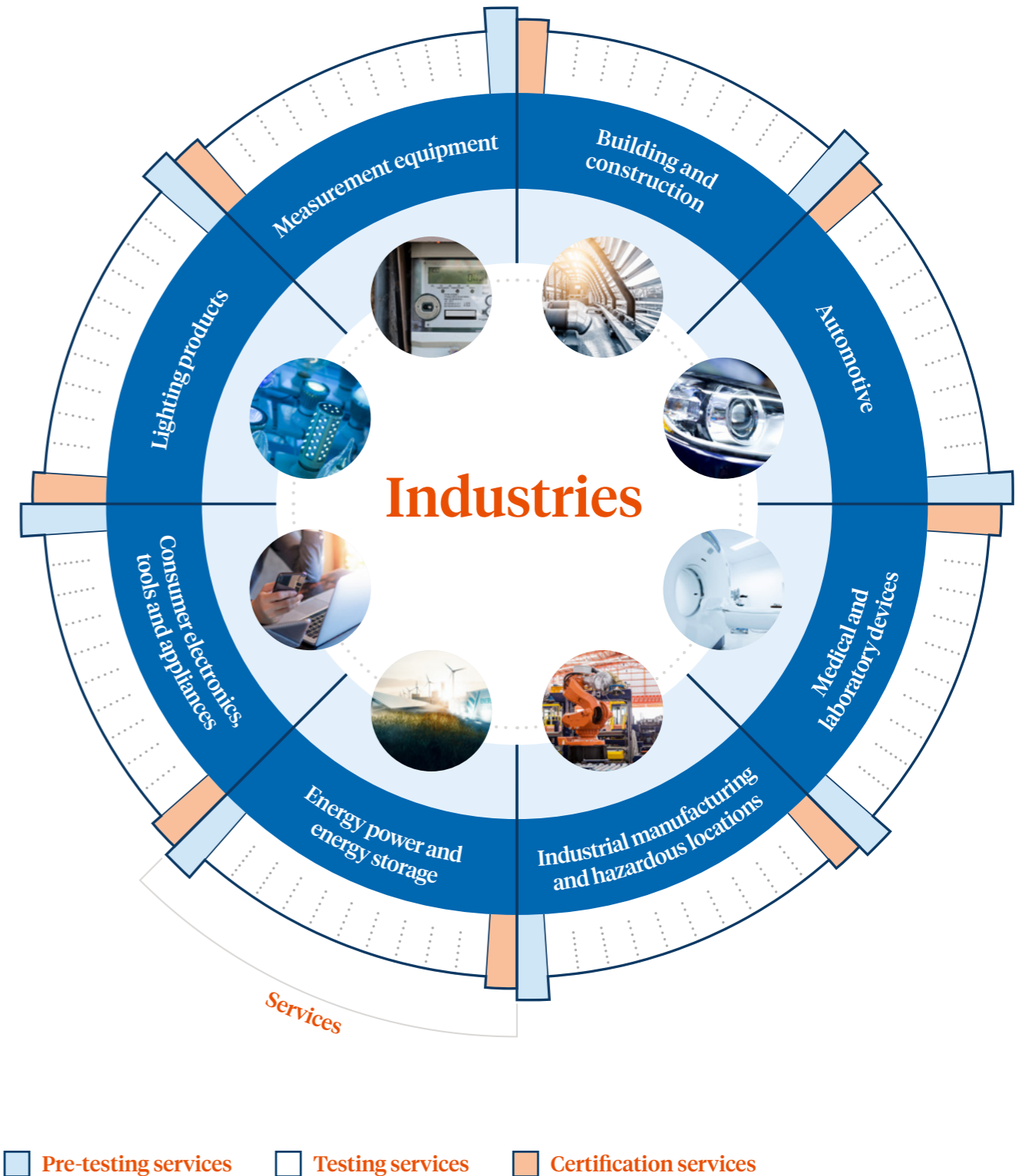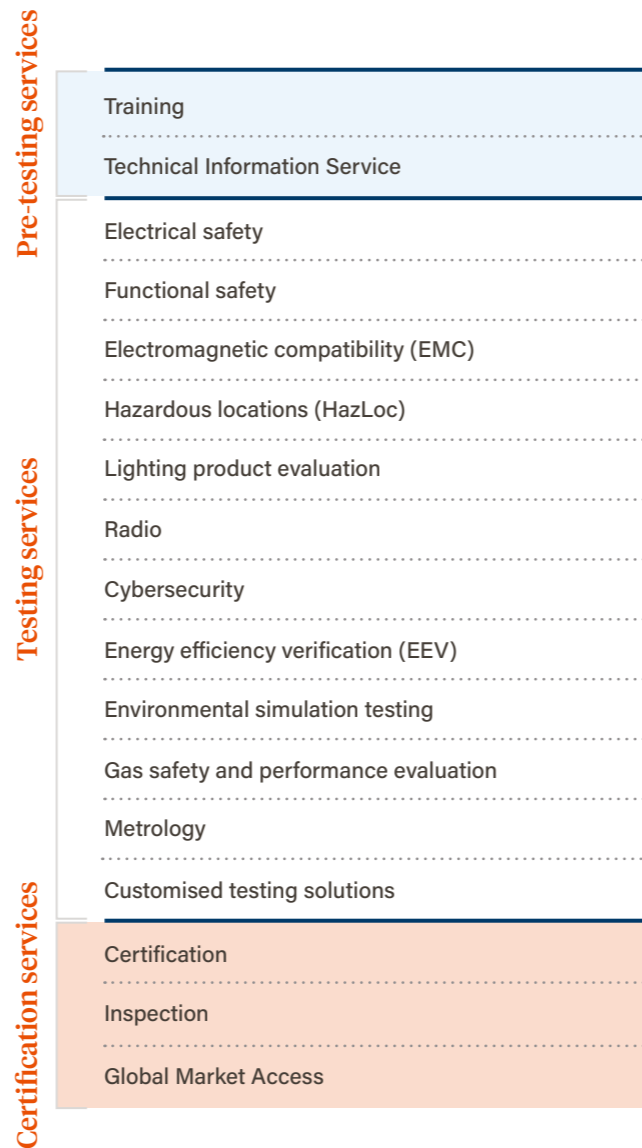
Choosing the perfect solution

We know that every industry and every product is different and requires its own set of services. The destination of your product also plays an essential role in finding the right solutions for your individual needs. Our vision is to make product testing and certification simple and efficient. With a wide range of centralised services, we make this a reality.

On-site services

Project and laboratory management

Our qualified CSA Group employees offer custom project and laboratory management programs. We will assist and support you through every stage of the product lifecycle — from product planning to mass production — and we can even set up and operate EMC, radio, and safety testing at your facility.

Pre-testing services

- Training
- Technical Information Service

Testing services

- Electrical safety
- Functional safety
- Electromagnetic compatibility (EMC)
- Hazardous locations (HazLoc)
- Lighting product evaluation
- Radio
- Cybersecurity
- Energy efficiency verification (EEV)
- Environmental simulation testing
- Gas safety and performance evaluation
- Metrology
- Customised testing solutions

Certification services

- Certification
- Inspection
- Global Market Access

Industries

- Measurement equipment
- Building and construction
- Automotive
- Medical and laboratory devices
- Industrial manufacturing and hazardous locations
- Energy power and energy storage
- Consumer electronics, tools and appliances
- Lighting products

Services

■ Pre-testing services □ Testing services ■ Certification services

Our services at a glance

Pre-testing services

CSA Group helps you early in the testing and certification process by facilitating the identification of the applicable standards for your product as well as the tests required to meet product conformity.

—— Training

CSA Group offers customised training, workshops, and webinars to provide you with guidance for your unique needs.

—— Technical information services

Pre-production review, training, and preliminary testing services designed to help pave a smooth road to successful certification. This unique service can be tailored to your needs and can take place at our labs, your site, or remotely.

Testing services

We offer a range of testing solutions for today's cutting-edge products and emerging technologies. Regardless of which test — or combination of tests — your product requires, you can find them at CSA Group.

—— Electrical and functional safety

We offer global safety certification services for a wide range of industries and products, including small and large electrical appliances, power tools, IT, audio/video, and office products, as well as medical devices and industrial equipment.

—— Electromagnetic Compatibility (EMC)

As the largest EMC laboratory in Europe, we can test everything from small products to large equipment and vehicles — to a maximum weight of 25 tons, and a 400V/200A mains supply. For the automotive industry, we offer E1 and E13 certification and testing according to most OEM standards. CSA Group also offers on-site EMC testing should you wish to test the product at your site or at the point of installation.

—— Hazardous locations (HazLoc)

We offer testing and certification services for industrial equipment installed in hazardous atmospheres — including North American certifications, ATEX, UKCA, JPEx, IECEx, and more.

—— Lighting product evaluation

Apart from safety and environmental tests, CSA Group provides a wide range of lighting specific solutions, including photobiological performance and photometric performance testing, horticultural performance testing, and acoustic testing.

—— Radio

Our experts have more then 30 years of experience in testing and evaluating products with wireless components such as WiFi, Bluetooth, RFID (Radio Frequency Identification), remote control systems, UWB (Ultra-wideband) and many more.

—— Cybersecurity

Our experts are specially trained and knowledgeable in cybersecurity practices, possess relevant cybersecurity education and certification and can help with gap analysis, organisational review, customised training and testing of a variety of connected products and systems, including medical devices, smart consumer products, industrial systems, automation solutions, control panels, and more.

—— Energy efficiency verification (EEV)

We offer EEV services for products such as power supplies and battery chargers, which allow you to verify product compliance with North American regulatory requirements and the European Ecodesign Directive for energy-related products (ErP).

—— Environmental simulation testing

Our environmental simulation testing allows you to assess the impact of environmental influences such as temperature, climatic changes, corrosive influences, water, push and pull, or vibrations on product durability.

—— Gas safety and performance evaluation

CSA Group in Europe can test outdoor and household cooking appliances, water heaters, and commercial cooking appliances according to gas standards for CE marking and international standards. We test gas appliances with a heat input up to 140 kW and commercial appliances up to 900 kW.

—— Metrology

CSA Group in Germany tests and certifies your smart meters, ancillary equipment, and e-charging stations in accordance with German and European standards (Measuring Instrument Directive, Measurement and Calibration Law). We conduct prototype testing, issue prototype test certificates, and evaluate quality control systems.

—— Customised testing services

Our team and labs are flexible and can help to develop customised testing solutions for your individual product testing needs. This allows you to test your product beyond standards and regulations and learn more about your product and its limits.

Accessing key markets around the world

CSA Group is an expert in international market approvals, including the US, Canada, and Europe. North America offers significant opportunities to launch and sell your products, but the right certification mark is key to opening doors to these markets. CSA Group is a widely accredited and recognised third-party testing and certification laboratory capable of serving your market approval needs.

The CSA mark is one of the most widely accepted marks in the US and Canada.

CSA Group in Europe is accredited and recognised by the following organisations:

— Deutsche Akkreditierungsstelle GmbH (DAkkS)

— International Electrotechnical Commission (IEC) – Conformity Assessment Schemes IECEE and IECEx

— Occupational Safety and Health Administration (OSHA)

— Standards Council of Canada (SCC)

— ANSI National Accreditation Board (ANAB)

— Federal Communications Commission (FCC)

— Voluntary Control Council for Interference by Information Technology Equipment (VCCI)

— Innovation, Science and Economic Development (ISED)

— Kraftfahrtbundesamt (KBA)

— Société Nationale de Certification et d'Homologation (SNCH)

— Vehicle Safety Certification Center (VSCC)

Keep up with the fast pace of global market opportunities. Our certification experts understand that reliable and predictable service is essential to your business. We can help you take full advantage of today's global economy and gain the approvals you need to enter new markets worldwide.

Europe

If you are seeking access to markets in Europe, CE marking is generally required. The CE marking is the "passport" for the European Economic Area (EEA) and shows that a product has been assessed and complies with the applicable European directives.

With more than 30 years of experience working with manufacturers in Europe, CSA Group can help you assess your products and ensure that they meet the requirements of European directives applicable to them.

CSA Group is an accredited testing laboratory and a Notified Body under the following European directives:

Radio Equipment Directive
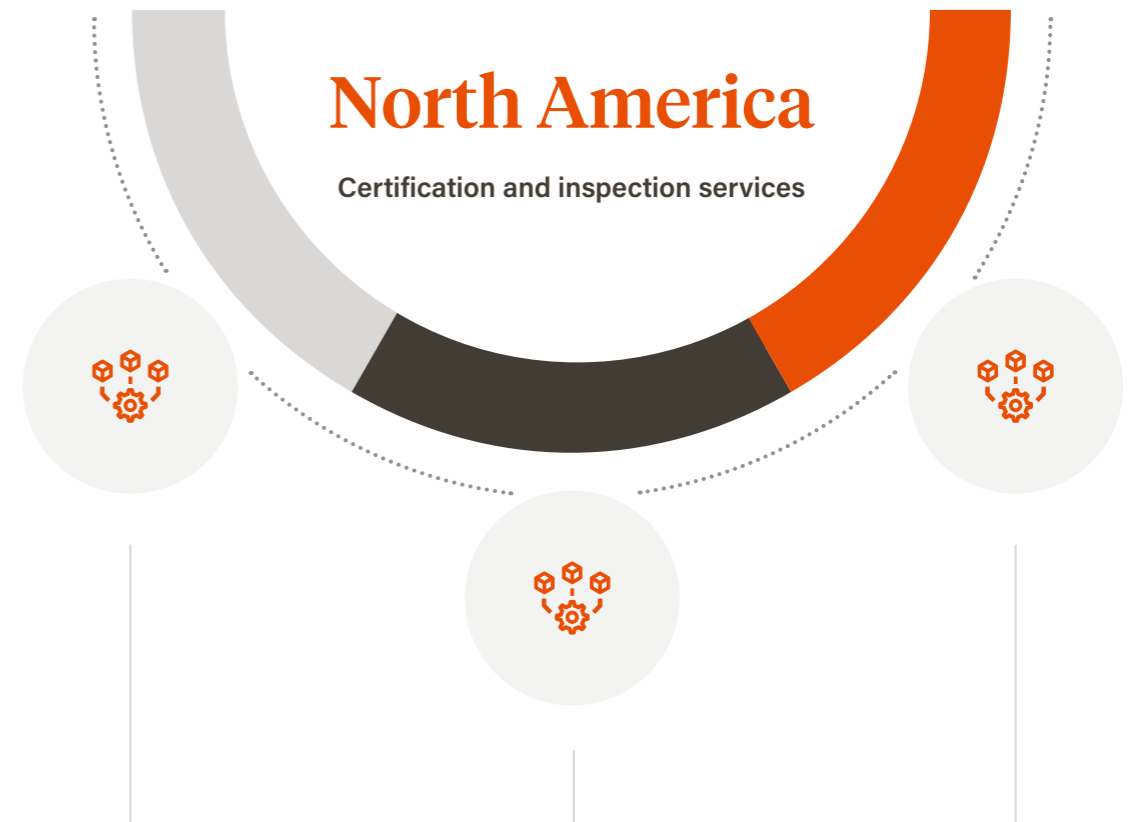(RED 2014/53/EU)

ATEX Directive
(2014/34/EC)

Electromagnetic Compatibility Directive
(EMCD 2014/30/EU)

Measurement Instruments Directive
(MID 2014/32/EU)

With these designations, we can help you to identify the applicable European directives for your product. In addition to performing a product assessment, issuing an accredited test report, and providing type-examination certificates, we can guide you through the issuance of a Declaration of Conformity (DoC). Once all the steps are completed you can then affix the CE marking onto your product and sell the product in the EEA.

$C\epsilon$

North America

Certification and inspection services

Model certification

In our most popular certification program, you submit your product samples along with the necessary technical documentation to your CSA Group laboratory, where we test the product for conformance with safety, performance, and/or energy efficiency standards. If the product meets the applicable standards, we will issue the certification report and certificate of compliance which indicate that you can display the applicable CSA mark on your products.

Field certification

Field certification is designed for manufacturers and importers / distributors as a one-time certification to relevant Canadian and US standards. With this option, CSA Group conducts the testing at your facility or at one of our laboratories. In the case that the product has met the testing requirements, a certificate of compliance is issued. A controlled number of serialised, adhesive field certification labels, containing the appropriate CSA mark, are then applied to the product run by your CSA Group representative.

Special inspection (Canada) / Field evaluation services (US)

Our world-class field evaluation services help our customers meet market and regulatory requirements and/or customer specifications. These services are typically suitable for low volume production of 500 units or less, refurbished, or customer engineered products. Our dependable evaluations, widely accepted by Authorities Having Jurisdiction (AHJs), can be conducted at our lab, your facility, or at the final installation site.

International certification schemes

The path to global markets

— **IECEE CB Scheme**

IECEE, the IEC System for Conformity Assessment Schemes for Electrotechnical Equipment and Components, is a multilateral certification system based on IEC International Standards. CSA Group is a National Certification Body (NCB) that has recognised CB testing laboratories (CBTLs) worldwide. Through CSA Group, your products have access to the international system for the mutual acceptance of product test reports and certificates for electrical and electronic equipment, devices, and components. Our CB Test Certificate (CBTC) and the CB Test Report (CBTR) provide your products the entrance to the successful IECEE CB Scheme, a single service that offers the potential of one test (based on IEC International Standards) and one certification, recognised internationally. Via this mutual recognition (reciprocal acceptance) of test results, your products can obtain certification or approval worldwide.

Apart from our own CBTLs, CSA Group supports the customer facility (CTF) program of the IECEE CB Scheme. The CTF program is a comprehensive procedure by which personnel of an NCB or CBTL obtain test data developed at a CTF. The testing facility must comply with the technical and Quality Management System (QMS) requirements of ISO/IEC 17025 relevant to the activities performed at the CTF. After positively reviewing the results from a CTF in a CBTR, our NCB will issue the CBTC. That again offers your products certification globally.

— **Certification handling for Global Market Access (GMA)**

We offer access to more than 140 markets worldwide, with our international certification services that provide predictable project delivery timelines, seamless integration with your product development cycle, annual inspection coordination with our global inspection network, renewal notification and processing, and notifications of changes to national standards and regulations.

— **CSA Group data acceptance programs**

We know that timely and flexible service is important to you. That is why CSA Group offers a range of convenient data acceptance programs to choose from. Our technical experts will be there to support you every step of the way with training and technical guidance so that you can choose a program that best meets your needs. CSA Group offers the following certification programs:

— Category Program for Certification (CPC)

— Supervised Manufacturer's Testing for Certification (SMTC)

— Witnessed Manufacturer's Testing for Certification (WMTC)

— Program, and Testing at Manufacturer's Premises for Certification (TMPC) Program

— **IECEX SCHEME**

The IECEx Scheme for the Testing and Conformity Assessment of equipment and components used in hazardous areas, is a multilateral certification system based on IEC International Standards. CSA Group is a Certification Body (CB) that has recognized testing laboratories (ExTLs) worldwide. Through CSA Group, your products have access to the international system for the mutual acceptance of product test reports and certificates for equipment and components used in hazardous areas.

Our IECEx certificate of conformity (CoC) and the Test Report (ExTR) provide your products with access to the IECEx Scheme, a single service that offers the potential of one assessment (based on IEC International Standards) and one certification, recognized internationally. Via this mutual recognition (reciprocal acceptance) of test results, your products may obtain certification or approval worldwide.

Management system certification

Through our subsidiary, International Certification Management GmbH (ICM), we offer ISO 45001 and ISO 14001 accredited management system certification. As part of this service, we guide you throughout the entire certification process — from planning and conducting management assessments to certification.

CSA GROUP

Corporate social responsibility

At CSA Group, protecting our planet and its people is at the very core of what we do. Not only do we work to unite our stakeholders in a commitment to advance technology and embrace new, sustainable sources of energy, but we strive to lead by example as well.

We achieve this, partly, through our Health, Safety, Security & Environment (HSSE) management system, a comprehensive program focused on ensuring the safety of our employees, and considering sustainability in all that we do. We are proud to have our management system certified globally in accordance with ISO 45001:2018 for occupational health and safety and also ISO 14001 for environmental protection. We support these global ambitions and work to embody them in our day-to-day operations.

To support sustainable development, CSA Group recently released a report titled "Enabling Sustainable Development through Standards" which highlights the role standards can play in helping industry organisations and governments looking to implement the United Nations Sustainable Development Goals (UN SDGs).

CSA Group developed a robust methodology to link the use of standards to achievement of the 17 SDGs. Through this initiative we found over 80% of CSA Group standards support the achievement of SDGs, and we've taken steps to share these linkages with both industry and governments. From this important work we have implemented several policies and programs designed to foster further support of these important goals throughout our organisations.

Responsible business practices
In light of increasingly limited resources and climate change, CSA Group has strengthened its commitment to the environment. We pay particular attention to the environment when constructing new buildings, and look at modern heating systems that include, for example, geothermal energy, thermal insulation, energy recovery options, and sustainable planting around buildings. Sustainable alternatives are preferred to conventional products in CSA Group's procurement processes whenever possible.

Emissions management
CSA Group has been quantifying our Global GHG Emissions since 2009. We strive to account for all emissions from CSA Group operations and have committed to adding employee commuting and remote work as important Scope 3 emission categories due to the impacts of the Covid-19 pandemic.

Green Teams
An essential role in environmental protection comes from our employees themselves and our regional "Green Teams" at each of our company sites. CSA Group's Green Teams promote environmental awareness among employees, work to track environmental impacts locally, and identify and implement greening activities at their locations.

Employee health and safety
We are aware of our social responsibility toward employees and society and the safety and health of our employees are top priorities for us. We continuously work to improve occupational health and safety in our organization and offer employees various programs that contribute to their physical and mental health, such as an annual fitness reimbursement program for all staff.

Diversity and inclusion
We value and encourage diversity in culture, social, and ethnic terms. We are committed to diversity in the workplace and cultivate, promote, and preserve a culture of integration. This is why we launched our global Diversity & Inclusion program and set targets for diversity and accessibility across CSA Group.

Community involvement
The promotion of young talent in the technical and scientific fields is particularly important to us. We offer many cooperative programs with local schools and universities, fund scholarships, and provide lab tours and technical sessions. Further, we organise and participate in charitable donations that support organisations in the regions where we operate.

CSA GROUP

CSA Group locations

Europe

Germany

— Plattling

European Headquarters
Straubinger Straße 100
94447 Plattling, Germany

— Strasskirchen

CSA Group Bayern GmbH
Ohmstraße 1 - 4
94342 Strasskirchen, Germany

— Munich

CSA Group Bayern GmbH
Frankfurter Ring 193A
80807 Munich, Germany

— Frankfurt

CSA Group Europe GmbH
Weismüllerstraße 45
60314 Frankfurt, Germany

— International Certification Management GmbH

Ohmstraße 2
94342 Strasskirchen, Germany
www.ic-management.com

Italy

— Milan / Agrate Brianza

CSA Group Italy Srl
Palazzo Cassiopea
Via Paracelso 22
20864 Agrate Brianza, Italy

United Kingdom

— Hawarden

CSA Group Testing UK Ltd.
Unit 6, Hawarden Industrial Park
Hawarden, Deeside, CH5 3US
United Kingdom

The Netherlands

— Arnhem

CSA Group Netherlands B.V.
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Building B42
6812 AR Arnhem, The Netherlands

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NFC

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