
National Institute of Technology

*Technological expertise •
Complete industry support • Practical solutions*

National Institute of Technology (TI)

Improving Norwegian industry and services for almost a century

1917 The government establishes TI as a national instrument

1988 TI re-established as a private foundation

230 employees
32 % women
68 % men

227 million in annual turnover 2009

6,6 million in net profit 2009

8 locations

- Oslo
- Kongsberg
- Stavanger
- Bergen
- Haugesund
- Stockholm
- Göteborg
- København

Certified according to:

- ISO 9001: Quality management
- ISO 14001: Environmental management

Accredited according to:

- ISO 17020: Inspection & Calibration
- ISO 17025: Testing

Calibration

Key Scandinavian supplier

Regular calibration provides accurate measurement results, while maintaining the quality of your equipment, products and services. With 65 employees and branches in Norway, Sweden and Denmark, TI is not only Norway's most preferred calibration supplier, but also a major Scandinavian centre of calibration expertise.

Total supplier of calibration services

More and more companies choose TI as a total supplier. We calibrate and service your company's instruments and equipment. We also offer web-based database solutions that provide an overview of your instrument park and calibration documentation. We can also assist with advice and training in calibration, measurement techniques and the selection of equipment and instruments.

Accredited and traceable calibration

The industry imposes on its partners and suppliers increasing demands for accuracy, precision and deliverability. All calibration performed by TI is traceable to national and international standards. We are also an accredited pursuant to EN-ISO/IEC 17025, and have provided accurate measurements to the industry over several decades.

On-site calibration

Our mobile laboratories are on the road all year round. This service allows your company to save valuable time due to less downtime on instruments and systems, and also reduced transport wear and tear on equipment.

Quality control of vehicle maintenance garages and workshops

We have provided calibration services to the automotive industry for almost 30 years. In addition we conduct quality controls of workshops. We provide customized courses, individual monitoring and 'mystery shopping' services.

Key Services

- Electrical calibration
- Mechanical calibration
- Calibration of process equipment
- Calibration and quality control of vehicle maintenance garages and workshops
- Service Partner for Fluke and JDSU
- Consultancy and training in measurement techniques



Product Development

Lifting your idea to commercial success

Product development is often the main source of a company's business growth and success. Choice of the right concept is a decisive factor for project success. We can assist your company in eliminating uncertainties at an early stage, thereby enabling the best possible prerequisites for further development.

TI possesses solid expertise within engineering, including a wide portfolio of product development disciplines. This allows us to contribute effectively and appropriately in all phases of a product development process - from idea conception, through technical development, to commercialization of finished product.

Our skilled employees within engineering, electronics development, automation, materials technology and product testing, are able to solve most challenges in-house.

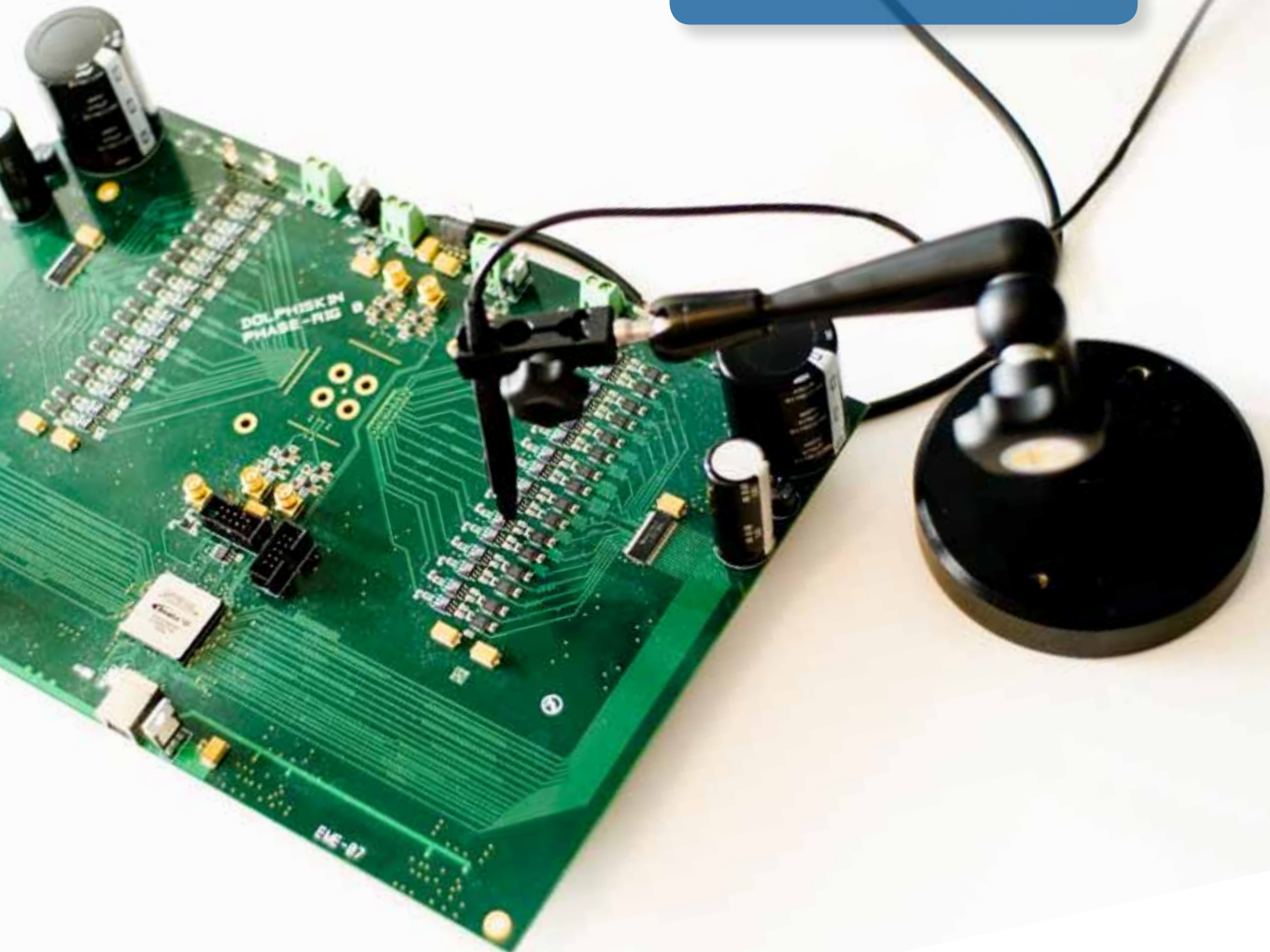
Complex international projects

We specialize in designing applications under the auspices of the EU's Framework Programme for research and development. Over the past 8 years, TI has been involved in over 50 development projects financed by this program. Our pro-active international approach to R&D projects has led to extensive international networking, both industrial and academic.

We also perform a growing number of privately funded projects within electronics, design and engineering.

Key Services

- Project Establishment and Funding
- Project Management
- Engineering and Design
- Electronics Development
- System Integration & Automation



Materials Technology

Total supplier in Materials Science services

We are a total supplier of Materials Science services. Our highly qualified staff serve daily large and small clients from a wide range of business sectors. Our services include consulting, analyses, test activities and inspections.

Inspection, analysis and testing

We perform inspections, analysis and testing of materials and products. Our laboratories are accredited according to EN-ISO/IEC 17020 and 17025, and approved by an impressive portfolio of international industrial groups within aerospace, defence and offshore.

Consulting

Our theoretical expertise - combined with valuable experience drawn from challenging assignments, makes us an attractive advisor on materials science and technology issues. In addition to our operations in Norway, we also have chemical handling consultants stationed in Gothenburg, Sweden.

Training

We offer a variety of course concepts within materials science and technology as well as chemical handling. In addition to our standard open courses, we can customise training by selecting modules from a variety of materials technology disciplines to meet your specific requirements.

Our Training Centre in Stavanger has specialized in training personell from welding inspection and non-destructive testing (NDT).

Key Services

- Environmental Testing of Products
- Chemical Handling
- Corrosion Protection
- Surface Treatment
- Metallic Materials
- Plastics and Composites
- Damage and Accident Investigations
- Welding Technology & NDT



Business Development

Increased competitiveness and profitability

Management systems

We can assist your company to establish and maintain management systems for quality management (ISO 9001), environmental management (ISO 14001) and Health, Safety and Environmental management (OHSAS 18001). Our services range from comprehensive consulting and facilitation to standard courses.

LEAN & improvement processes

Reduced costs, increased efficiency and greater customer satisfaction are key factors typifying a lean enterprise. With their extensive expertise in LEAN, our consultants can assist your company to exploit its full potential.

Safety and readiness

Through analysis of work safety and potential risk factors, we can assist your company to identify specific risks in your workplace, while planning measures to improve safety. We also offer a number of courses within health, safety and environment.

Gas safety

We deliver differentiated security courses for the gas industry spanning the whole value chain, from production to use. The courses are based on new and more stringent regulatory requirements for all persons working with gas.

Cleaning services and Indoor Environment

TI has solid expertise in the fields of cleaning services and the indoor environment. We offer a wide range of courses and consulting services in this field. We can also assist property owners in preparing tender documents for cleaning staff.

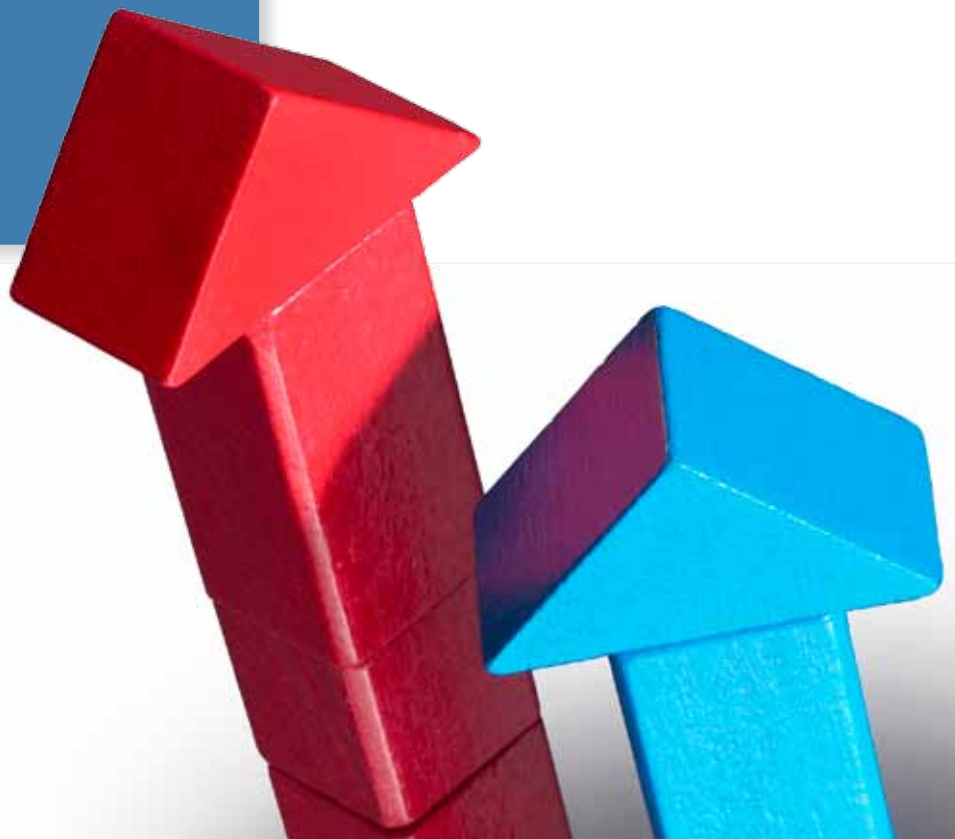
Customised Training

Our course catalog describes more than 100 course offerings. Several of our educational programs lead to formal educational credit points. All courses can be customised to your needs and if preferred conducted on-site at your premises.

Key Services

- Safety and readiness
- Management Systems for Quality (ISO 9001), Environment (ISO 14001) and HSE (OHSAS 18001)
- Improvement processes based on LEAN
- Cleaning and Indoor Environment
- Management, Communication and Sales
- Gas related training

Our courses are recognised for their practical orientation, making it easier for participants to relate course theory to real work situations. We are also the leading provider of educational and vocational films in Norway.



Certification

National Institute of Technology Certification

Our independent subsidiary, National Institute of Technology Certification (Teknologisk Institutt Sertifisering as), provides certification of systems, products and personnel.

System Certification

Certification of your systems helps your business to work more targeted, disciplined and efficiently with quality management in order to achieve company goals based on customer satisfaction. We certify management and control systems applied to a range of industries.

Personnel Certification

We can verify and document that your employees have the necessary expertise to perform their tasks, enabling the market to have increased confidence in your products and services. Our Certification Assessment Test can be performed at your company, in our workshops or at one of our partners. We certify welders, gas technicians, in-service inspectors, NDT personnel and certificate issuers for work in tanks.

Product Certification

We cover all product groups mentioned in the Pressure Equipment Directive. The Regulation was made as result of EU directive 97/23/EØF and ensures that Pressure Equipment is designed and manufactured to prevent damage to life, health, environment and property.

Key Services

- System Certification
ISO 9001, ISO 13485, ISO 14001, OHSAS 18001, ISO 27001, ISO 3834-2
- Personnel Certification
 - Welders and welding inspectors
 - Gas technicians
 - In-service inspectors
 - Certificate issuers for work in tanks
- Product Certification
Notified body for pressure equipment (97/23/EØF)



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