A WORLD
OF SOLUTIONS

ISQ HEADQUARTERS

ABOUT ISQ

SERVICE DELIVERY
TECHNICAL INSPECTIONS
ENGINEERING & CONSULTANCY
TESTING
R & D +I
TRAINING & EDUCATION
VERIFICATION & REGULATORY

ABOUT ISQ

Founded in **1965**

headquarters in **Portugal**

30 + SUBSIDIARIES

ISQ worldwide and Core Services

Norway

USA

Portugal Spain Turkey China

Algeria

Saudi Arabia Qatar Abu Dhabi Oman

Mexico

Cape Verde

French Guiana

Equatorial Guinea

Angola

Brazil

Mozambique

- **Technical Inspections**

- **Research & Development**

- **Training & Education**

- **Laboratories**

- **Technical Engineering consulting**

ABOUT ISQ

250 SPECIALIZED SERVICES

CUSTOMIZED SOLUTIONS

21 accredited laboratories

+ 1000 partners in Europe

13 500 + training courses

ABOUT ISQ

promote R&D

400 + R&D international projects

1.200 + partners

build **long lasting** partnerships

CLIENT ORIENTED
10 000 + clients worldwide
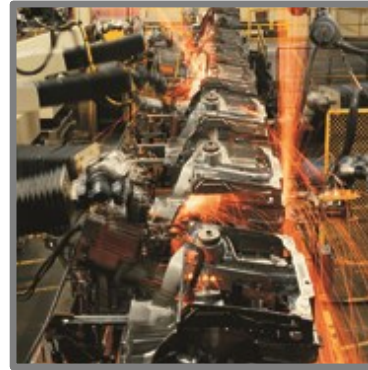
1.500 employees

TRUST IN PEOPLE

SECTORS

EDUCATION & TRAINING

AEROSPACE

AUTOMOTIVE

CONSTRUCTION & INFRASTRUCTURES

HEALTH

ENERGY

OIL & GAS

PROCESS INDUSTRIES
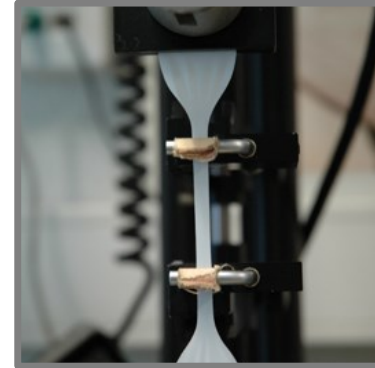
SERVICE DELIVERY

**TECHNICAL
INSPECTIONS**

**ENGINEERING
& CONSULTANCY**

TESTING

R & D + I

**TRAINING &
EDUCATION**

**VERIFICATION
& REGULATORY**

SERVICE DELIVERY: Testing

21 accredited laboratories. High technology supporting the ISQ engineering services. External services ranging from product certification to equipment calibration or customized tests.

Design, development, construction and implementation of clients testing or research laboratories.

Laboratories

Materials

Metrology

Environment and Chemistry

LABORATORIES

- Electricity

- Electronics and Telecommunication

- Energy

- Noise and Vibrations

- Non-Destructive Control

- Reliability

- Thermodynamic

- Valves

Our Testing Laboratories

A Notified Body (NB) is an independent body providing conformity assessment services (a certification, inspection or testing body), designated by the notifying authority of an EU Member State to perform third-party conformity assessment and to attest the conformity of products (including its design, manufacture and, when applicable, installation and/or maintenance) according to EU New Approach Directives, to guarantee product compliance with safety standards and regulations.

21 accredited laboratories according to NP EN 17025 and ISO 9001:2000 standards, such as:
- thermodynamic testing laboratory
- mechanical behavior laboratory
- metallurgy and materials laboratory
- legal and applied metrology laboratory, with the following fields of activity:
    dimensional control; pressure; force and torque; mass and volume; temperature and humidity; gas flow, electricity, time/frequency, telecommunications and radio frequency, vibration, acoustics, optics, optical fibers and quantity of matter
- electrical and communication cables testing laboratory
- electrical equipment's testing laboratory
- concrete testing laboratory
- electromagnetic compatibility testing laboratory
- non-destructive testing laboratory
- environment and chemistry laboratory
- acoustics & noise testing laboratory
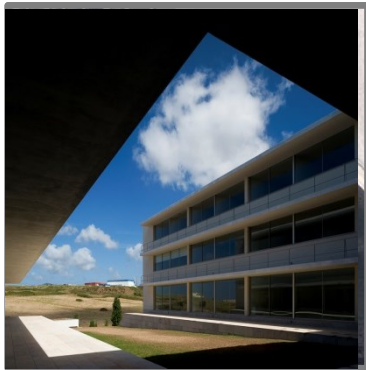- chemistry, food and microbiology laboratory

METROLOGY

- Accoustics and Vibration

- Car Inspection

- Dimensional

- Electric and Radiofrequency

- Gas and Flow

- Healthcare

- Mass, Volume and Strenght

- Metrological Verification

- Optics and Topography

- Pressure

- Temperature and Humidity

SERVICE DELIVERY: Training

ISQ is accredited for training services and training of trainers and also for people certification, according to European Directives and International standards, including EWF and IIW (European Welding Federation and International Institute for Welding).

Design of turnkey Vocational, Educational and Training Centers: project and layouts, construction, training implementation and management model, including staff training and training of trainers.

Turnkey training centers

Practical training and Post-graduation courses

Programs with International Certification

E-learning

Training & Education

WWW.ISQ-GROUP.COM

Training Programs and Main Services

- **Laboratories**
- **Maintenance**
- **Quality**
- **Safety**
- **Welding**
- **Environment**
- **Renewable Energies**
- **Metal works**
- **Electricity and Electronics**
- **Telecommunications**
- **Automation**
- **Non Destructive Testing**
- **Strategic & Operational Management**
- **Construction**
- **Soft skills**
- **Entrepreneurship**
- **Oil & Gas operations**

- **Needs analysis**
- **Taylor made training courses**
- **Professional Certification**
- **Skills assessment Center**
- **E.Learning**
- **Flexible training methodologies**
- **Train the Trainer**
- **Training materials**
- **Project evaluation**
- **Social Inclusion**
- **ROI and Social Investment**

Our "Training Centre" or CoE

- The biggest technologic platform in Portugal

- Certified according to IS0 9001:2001, OSHAS and 14.001

- Leader in Portugal in Vocational, Education & Training, with a national and international scope (training projects in more than 40 countries)

- Implements Education and Training courses from EU Level 2 to Level 8 (from the Basic level up to Post-Graduations with double and international certification)

Workshops and testing laboratories: electrical (coaxial cables, data communication cables) ; Electromagnetic compatibility testing

- Dual Training and Work Based Learning, in ISQ laboratories, companies or project sites or in other companies

- Implements R&Di projects

- Good practices references worldwide in Training projects for Development in Asia, Africa and Europe

EVBB

EUROPÄISCHER VERBAND
BERUFLICHER BILDUNGSTRÄGER
European Association of Institutes for Vocational Training
Association Européenne des Centres de Formation Professionnelle

**European Commission
DG EMPLOYMENT SOCIAL AFFAIRS AND INCLUSION**

CEDEFOP | European Centre for the Development of Vocational Training

40 years

Training for Telecommunications

- **e.Waste**
- E-Waste Management: From Waste to Resource
- **Low Cost Lead-Free Soldering Technology**
- **ITED – Telecommunication Infrastructures in Buildings**
- **ISTQB® Certified Software Tester**
- **ISTQB® Certified Manager**
- **ISSECO® Certified Professional for Secure Software Engineering**
- Software conformance testing and audit
- **Optical Fibers networks**
- **Mobility, privacy and APPification**

- **Project for telecommunications**
- **Air quality and Intelligent Platforms for Smart Cities**
- **Quality Control and continuous assessment for Smart Cities**
- **Electromagnetic compatibility for EU**
-
- **Electric and communication cables testing**
- **Assess compliance of telecommunication and data communication cables**
- CE mark for Telecommunication, Achieving compliance: From the Directives to the Test Lab

ITU Training courses for 2015

E-Waste Management: From Waste to Resource
Face-to-face
The aim of this course is to enlighten the state of the art in technology, organizational and legal developments and practices and financial burdens and benefits of handling e-waste. It intends to provide an overview of proper management of e - waste, as per the best practices as well as insight of regulatory requirements.
18,19,20 November
3 days

700 USD

- Module 1:
  Electronic waste: environment and society

- Module 2:
  Legal and regulatory frameworks on e-waste issues

- Module 3:
  WEEE management from a life cycle perspective

- Module 4:

  Waste recycling technologies: recovering metals from e-waste

ITU Training courses for 2015

CE mark for Telecommunication, Achieving compliance: From the Directives to the Test Lab
Face-to-face
This 3-day course will present trainees with the legal requirements contained in the EC Directives that need to be fulfilled in order to market a product within the EC (CE mark) .With this course the trainee will be presented with the new approach directives pertinent to ICT, e.g. EMC, R&TTE and LVD Directives. These are explored in depth to understand the essential requirements, the selection of standards and test methods required in order to achieve conformity with all the applicable standards.
11,12,13 November
3 days

1. EC Directives, essential requirements and ICT (Interop and Conformity Testing)
2. Selection of standards and test methods.

3. Design and preparation of a test program.
4. Demonstration of an ICT related test.

  4Demonstration of an ICT related test.
5. Assessment of test results.

ITU Training courses for 2015

Software conformance testing and audit
Face-to-face
This 2-day course addresses the methods and techniques that can applied to software conformance testing. With this course the trainee will be able to understand the basic principles of software testing with concrete applications to Telecommunication systems. Furthermore, the course provides a description of the processes and methods that can be used to perform a software conformance audit based on ISO 25000 for any Telecommunication software product or system.
29,30 October
2 days

1200 USD

1. Fundamentals of software testing.
2. Software testing tools and techniques.
3. Understanding the framework for software conformance audits (ISO 25000: Software product quality requirements and evaluation).

4. Conducting a software conformance audit in 3 steps: Specification, design and execution

Training for Telecommunications ITU label in 2016?

1. E-Waste Management: From Waste to Resource - 11,12,13, May 2016

2. Software conformance testing and audit – 11,12,13 April 2016

3. CE mark for Telecommunication, Achieving compliance: From the Directives to the Test Lab – 13,14 June 2016

4. Interoperability for optical fibres – 20,21,22,13 June 2016

5. Information security management in Telecommunications – ISO 27001 – 5,6,7 September 2016

6. Managing IT services at Icloud and ITIL – 10,11,12 October 2016

7. Interop and Protocol IPv6 – 14,15,16 November 2016

- TIME
- New courses
- Price
- Dissemination and marketing
- Online materials
- Better communication with ITU and ITU support, including learning with peers

Contact

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