INDUSTRY · TECHNOLOGY · INNOVATION

ISQ AT A GLANCE

YOUR TECHNOLOGY AND INNOVATION PARTNER

PORTUGAL Superbrands CORPORATE

ISQ is a private and independent organization which delivers value through integrated and innovative solutions.

We support our customers to manage **operational risks, improve efficiency and increase competitiveness.**

With 50+ years of history and presence in 12 countries, ISQ develops **integrated solutions** of engineering, inspection, testing and training services.

Covering the entire project lifecycle, ISQ supports its customers in **aligning their business objectives** with applicable regulation and norms, and in achieving their goals on quality, safety, and environmental and social responsibility.

16
ACCREDITED LABORATORIES

+500
INTERNATIONAL R&D PROJECTS

12
COUNTRIES

MAJOR PROJECTS

MAJOR PARTNERSHIPS

PRODUCTION

Investment in Green Hydrogen production will increase in the coming years. ISQ supports in the licensing and permitting phase of the new hydrogen plants and ensures that the assets are built and operated within the rules and standards of quality, safety, and the environment to maximize their reliability and efficiency.

Supervision of construction of H2 Production, Transport and Distribution facilities

Licensing and Environmental Impact Assessment of H2 Production Plants

Risk Analysis of Production Systems and Explosive Atmosphere Studies (ATEX)

H2 Systems Operation Safety Training

TRANSPORT AND DISTRIBUTION

The natural gas transmission and distribution networks will transport a mix of natural gas, green hydrogen and other renewable gases. ISQ performs studies for the repurposing of the existing gas pipeline infrastructures to operate with hydrogen and also provides QA/QC, inspection and testing of the pipelines;

Inspection of storage tanks and transport and distribution networks

Assessment of the compatibility of materials and components for natural gas and H2 mix

Monitoring of gas distribution and transport networks

Risk Analysis and Explosive Atmosphere

Metrological evaluation of H2 measurement

Training of technicians and managers

USE

The Green Hydrogen strategy will have an increasing importance in the energy mix in the coming years, with its use in industry as a raw material, as a fuel for the mobility sector and also for heating processes in energy intensive industries and buildings.

Evaluation of materials and equipment for use in H2 systems

Feasibility studies for the integration of H2 in thermal processes

Inspection assessment and monitoring of fuel burning equipment

Risk Analysis and ATEX Studies

Inspection of gas stations

H2 Safety Training