

Sustainability Services

Be a partner in achieving sustainability that is the basis of quality

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■ About Quality Techno Certification



الهيئة السعودية للمواصفات والمقاييس والجودة
Saudi Standards, Metrology and Quality Org.



About Us

About the achievements of quality technology for accreditation

The company has achieved distinguished achievements by obtaining many local, regional and international accreditations. These accreditations have enabled it to have a strong presence on the international and local scene in various fields, and its results were the company obtaining a (first-class) classification as a city services provider.

Among these accreditations:

Acceptance from the Saudi Standards, Metrology and Quality Organization **SASO** and the Saudi Food and Drug Authority **SFDA**, enabling it to issue conformity certificates for products in accordance with **ISO 17065**, issue inspection certificates in accordance with **ISO 17020**, and issue ISO certificates in accordance with **ISO 17021**.

Accreditation in the field of inspection from the Gulf Accreditation Center **GAC** and the Saudi Accreditation Center **SAAC** to conduct inspection and inspection in accordance with the international standard. **ISO 17020** In addition, the company has acceptance in 12 Saudi Building Code **SBC** out of 13 regulations.

The first and only Saudi company in the Middle East to obtain accreditation for **calculating carbon footprint and carbon neutrality**

License from the National Center for Monitoring Environmental Compliance **NECE**, to prepare environmental studies, monitor and control the quality of environmental media and pollution sources according to the objectives of the Kingdom's Vision 2030 with the availability of the required competencies in the field of environmental management system **ISO 14001**

We also specialize in providing consulting services to provide integrated solutions for sustainability.



المركز السعودي للاعتماد
Saudi Accreditation Center



Inspection
ISO/IEC 17020:2012
AIB 0056



المركز الوطني للرقابة على الالتزام البيئي
National Center for Environmental Compliance NCEC



الهيئة العامة للغذاء والدواء
Saudi Food & Drug Authority

وزارة الشؤون البلدية والقروية والإسكان
Ministry of Municipal Rural Affairs & Housing





Clients & Partners

We are proud of the success partners of Quality Technology and Accreditation Company

Clients & Partners

They form the basis of the success of our company. We are committed to providing the highest levels of service and quality to our customers, with a strong focus on meeting their needs and achieving their expectations. We build strong and sustainable relationships with our clients based on trust and transparency.



سابك
عندك



الهيئة الوطنية للأمن السيبراني
National Cybersecurity Authority



الشركة السعودية للكهرباء
Saudi Electricity Company

أرامكو السعودية
saudi aramco



stc



وسط جدة
JEDDAH CENTRAL





What are QTC Sustainability Services?

QTC Sustainability Services

The QTC team helps entities achieve sustainability by:

**EDGE certification
consulting services**

**Studies and
Sustainability
Reports**

**LCA Consulting &
Studies**

**Consulting services
for obtaining LEED
Green Building
Certificate**

**Consultancy services
for obtaining EPD
product
environmental
performance
certification**

**Consultancy services
for sustainable
certification
"MOSTADAM"**

**HPD Certification
Consultancy
Services**

**ESG Reporting
Services**

**WELL Certification
Consultancy
Services**

**Support for product
inspection and
testing services**

ESG[®] Services



ESG® Certification Services

ESG Consulting

ESG Consulting

QTC helps you create and manage complete ESG programs, allowing you to implement ESG standards.



ESG® Certification Services

ESG Consulting

ESG Roadmap Development

QTC will prepare a roadmap for the report issuance process in six steps:

- ❖ Identify **ESG** physical issues
- ❖ Create **ESG** strategy and goals
- ❖ Define an environmental, social and governance reporting framework
- ❖ Plan how **ESG** is managed in an organization
- ❖ **ESG** data collection
- ❖ Presenting data in **ESG** the report

ESG® Certification Services

ESG Consulting

Our Methodology

The finance industry has come to value **ESG** activities more than ever when calculating ratings. As a result, investors evaluate companies based on their **ESG** program, how they are ranked, who is driving these efforts, and how they progress toward their goals.

QTC accompanies you through the journey of achieving your **ESG** requirements by leveraging its extensive sustainability experience across multiple industries, and its reliance on **ESG** themes and tools that simplify the process. Whether your company is large or small, the benefits of implementing **ESG** software and the right strategies are invaluable.

ESG® Certification Services

ESG Consulting

QTC helps you:

- ❖ Understand the areas of risk, operations and business and industry stakeholders
- ❖ Quantitative and qualitative baseline data collection
- ❖ Organizing a strategic framework session with the leadership team
- ❖ Design of internal data collection infrastructure
- ❖ Evaluation of current programs and reporting
- ❖ Directing the improvement of environmental, social and governance taxonomy

ESG® Certification Services

How can QTC help your Environmental, Social and Governance (ESG) program?

Quality Techno Certification helps you to adopt all the latest strategies applied in the world through a team with academic and practical experience in the field of ESG reporting, and we will also work on:

- ❖ Preparing a baseline for the company in the field of energy consumption, carbon footprint and waste.
- ❖ Compare ESG practices with competitor, peer, and reporting systems practices
- ❖ ESG Strategy Development
- ❖ Reporting to popular databases such as CDP, SSAB, GRI, and IFRS (S1 and S2)
- ❖ Direct the enhancement of results on ESG rating sites such as ISS, MSCI, Bloomberg ESG, and DJSI
- ❖ Executive leadership coaching and mentoring
- ❖ Investor Risk Assessment

ESG® Certification Services

Sustainability Reporting Criteria

Sustainability Reporting Criteria

**IFRS sustainability
standards
(S1 & S2)**



**Task Force on Climate-
related Financial
Disclosures
(TCFD)**



**Sustainability
Accounting Standards
Board
(SASB)**



**Global Reporting
Initiative
(GRI)**





✓ Sustainable Building Classification Systems

Sustainable Building Classification Systems

MOSTADAM®, **LED®**, **WELL®** and **EDGE®** are the most common green building classification systems. These are globally recognized tools for assessing sustainable construction, focusing on the three most important aspects: the environment, the cost-effectiveness of the project and the users of the facilities.

New or existing office, commercial, industrial, residential and public buildings can be adopted.

LEED[®] Services



LEED® Services

LEED® Certification

LEED®, or Leadership in Energy and Environmental Design, is an American building classification system developed by the **USGBC** (American Green Building Council). This system was created based on the American **ASHRAE** standard and is constantly updated to meet the latest requirements in the construction market. During the process of obtaining **LEED®** certification, all factors of sustainable construction are taken into account, not only the building itself, but also the area of future investment, location, media consumption (energy, water), use of building materials, as well as care for outdoor areas. In order to receive the **LEED®** certificate, which proves the contribution to environmental protection and increases the prestige of the investment, individual criteria must be met.

Buildings can obtain LEED® certification at one of the following levels:



WELL[®] Services



WELL® Services

WELL® Certification



The **WELL** Building standard is a performance-based system for measuring, certifying and monitoring features of the built environment that affect human health and well-being, through seven core areas – air, water, nutrition, light, fitness, rest, and mind. **WELL** is managed and managed by the International Institute **WELL Building (IWBI)**, a public benefit organization whose mission is to improve human health and well-being through the built environment.



Silver
50 points



Gold
60 points



Platinum
80 points

▀ **MOSTADAM®** Services



MOSTADAM® Certification Services

MOSTADAM® Certification



The Saudi Sustainability Certificate is a certificate for assessing the sustainability of buildings and communities in the Kingdom of Saudi Arabia, which is issued by the Sustainable Building Program of the Ministry of Municipal and Rural Affairs and Housing.

The Saudi Sustainability Certificate aims to promote the concept of sustainability in residential, commercial and community projects, by assessing their sustainability according to environmental standards that raise their operational efficiency, improve the quality of life for residents and visitors, and reduce the damage of construction waste and materials to the environment.

Buildings and communities for the design and construction phases are evaluated and categorized into five levels according to points scored, starting from 20 points for the green level and up to 80 points or more for the diamond level.

MOSTADAM® Certification Services

MOSTADAM® Certification



The Saudi Sustainability certification is based on a set of environmental standards, which include:

- **Energy:** Energy efficiency, use of renewable energy sources.
- **Water:** Water use efficiency, water reuse, wastewater treatment.
- **Materials:** Sustainable use of materials, waste management.
- **Health and well-being:** Indoor air quality, natural ventilation, and accessibility.
- **Society and Economy:** Community Contribution and Sustainable Economic Development.



EDGE[®] Services

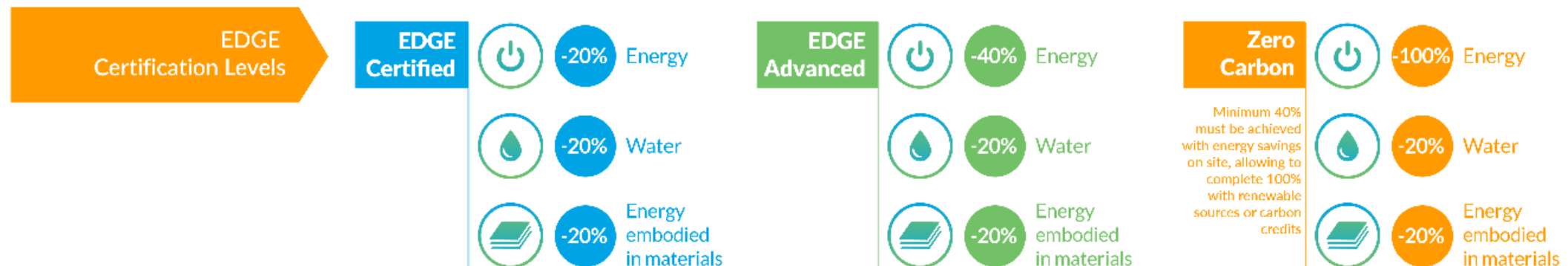


EDGE® Certification Services

EDGE® Certification



The **EDGE** certification is a green building certification program focused on making buildings more resource-efficient. Developed by the International Finance Corporation (**IFC**) and the United Nations Environment Programme (**UNEP**), it is designed to help developers and builders identify the most cost-effective strategies to reduce the use of energy, water and carbon embodied in materials.



EDGE® Certification Services

EDGE® Certification



EDGE Green Building Certification facilitates the creation of resource-efficient structures in a simple, smart and cost-effective way.

The International Finance Corporation (IFC) has developed the Design Excellence for Efficiency (EDGE) program. It enables real estate developers to create resource-efficient buildings quickly, simply and economically. It is the latest generation of environmental building certification standards, combining a design tool to demonstrate the financial condition of green building construction.

EDGE allows developers, building owners, and investors to quickly examine the environmental and economic impacts of each design decision.

EDGE provides a simple and easy-to-use interface for data such as meteorological conditions, usage patterns, technology and practices common in more than 140 countries. EDGE can examine the economic and environmental impacts of building designs and determine energy and water efficiency in the baseline state (if built according to standard/model practices) through some inputs. EDGE can then be used to determine the additional and operational costs of any anticipated design improvements in terms of energy and water efficiency.



■ The Importance of Sustainability Certifications for Buildings

Benefits of Sustainability Certificates

- **Economic benefits** (lower costs of utility consumption, reduced absences due to illness, increased profitability of the company and efficiency of employees)
- **Low energy consumption and carbon dioxide emissions**
- **Securing Water Resources**
- **Reduction of waste production** (separation, reuse and recycling)
- **Preserving green spaces**
- **Building resilience to climate change**
- **Increase user comfort and health care**
- **Reducing pollution of all kinds**

EPD[®] Services



EPD® Certification Services

EPD® Certification

What is the EPD?

Are you looking for eco-friendly products with clear and scientifically supported information? An Environmental Product Declaration (EPD) certificate is your answer. It is a detailed report that shows exactly what material the product is made of and how it affects the environment throughout its shelf life. Architects and designers rely on EPDs to identify sustainable materials that receive LEED v4 certifications and other green building assessments.



EPD® Certification Services

EPD® Certification

Why should you go with QTC?

QTC has been a leader in Saudi Arabia in third-party environmental and sustainability verification, certification, auditing, testing and standards development. **QTC** has an experienced in-house Life Cycle Assessment (**LCA**) team that manages every aspect of the **EPD** process, and works with you to ensure a smooth, efficient and accurate Life Cycle Assessment (**LCA**) conduct. We offer two services as the software operator:

1. **LCA & EPD** development. **QTC** performs **LCA** and generates an **EPD** report based on the relevant **PCR**. The **EPD** is then independently verified by an external third party before being published.
2. **EPD** verification. If you have already performed an **LCA**, **QTC** can critically analyze it and provide a sample of the **EPD**. **QTC** will compare the **EPD** with the assigned **LCA** and **PCR** report.
3. If **PCR** testing for your industry category is not yet available, **QTC** can help develop a product category base (**PCR**).



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CERTIFICATION**



Thank you