Solar Heating Arab Mark and Certification Initiative

What is SHAMCI Certification Scheme?

The Solar Heating Arab Mark and Certification Initiative (SHAMCI) is a quality certification scheme for the solar thermal products and services in the Arab region. The project provides a regional industrial and regulatory compliance framework for policy makers, industrial sector, and end-consumers. The project promotes adopting standard quality measures, accreditation systems and quality labels across the Arab region.

SHAMCI is the first certification scheme for solar thermal products in the Arab region and developing countries.

SHAMCI is based on Solar Keymark, the regional European certification scheme, while tailored to fit developing countries' conditions. It leverages the international experience through the support provided by the United Nations Environment Programme (UNEP) under the Global Solar Water Heating Project.

Why SHAMCI-Certified Products?

- **Authorities:**
  - Facilitate trade barriers and international collaboration
  - Streamline compliance monitoring
  - Create jobs
  - Promote industrial quality standards compliance
- **Manufacturers:**
  - Achieve operational economies of scale
  - Create new market entries and export opportunities
  - Improve product visibility to customers
- **Consumers:**
  - Identify high-quality products easily
  - Assure safety, durability, and reliability
  - Evaluate prices through standard product features

What is SHAMCI Network?

SHAMCI Network is an international stakeholders network which is responsible for developing and running SHAMCI. Network members are in principle representatives from energy authorities, manufacturers, certification bodies, testing laboratories, inspection bodies, consumers, NGOs, international organizations, and other concerned stakeholders.

Network members take charge of the following activities:

- Develop and update the certification scheme
- Design the certification process
- Approve and update certified products list
- Monitor and evaluate the program on a regional scale

Out of 17 countries, SHAMCI Network currently consists of 38 registered members:

- 18 Official representatives
- 6 Consultants and private sector representatives
- 11 Regional and international organizations representatives

What is SHAMCI Schematic Certification Process?

SHAMCI network provides technical and administrational assistance to manufactures that desire to obtain a SHMACI certificate. The suggested product certification process consists of the following steps:

1. **Application:** Manufacturer submits an application form to the certification body.
2. **Testing:** Product sample from current stock is tested in an accredited testing facility by an independent inspector.
3. **Quality:** On-site operational quality check at the industrial facility.

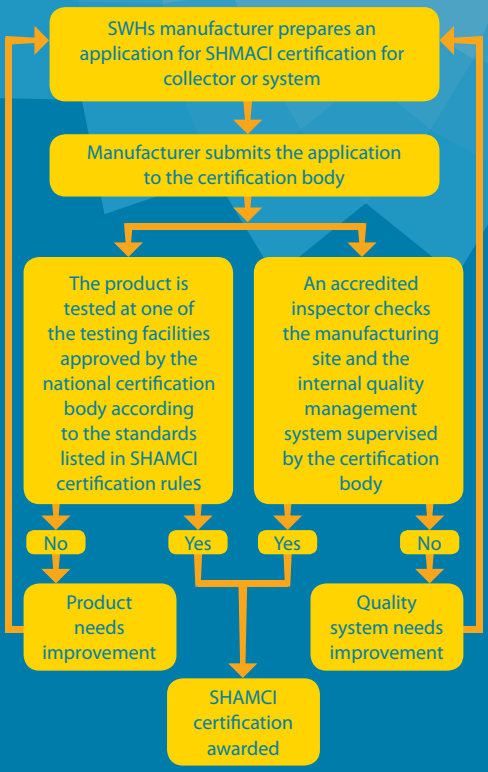
SHAMCI Background and Current Status

SHAMCI was initiated by RCREEE with the support of the Arabian Industrial Development and Mining Organization (AIDMO) based on the Arab Ministerial Council for Electricity (AMCE) of the League of Arab States request. AMCE blessed the establishment of the network and initially accepted SHAMCI certification rules. Three Arab countries (Jordan, Tunisia, and Egypt) have shown interests to implement it on a national level.

In cooperation with:
UNEP through Global Solar Water Heating Project (GSWH)

RCREEE has been a key driver for the first Pan-Arab product standards and certification of solar thermal products through SHAMCI. As a regional partner in the Global Solar Water Heating project (GSWH project), RCREEE serves as a regional hub to develop products and services knowledge through developing a new quality scheme for SWHs in developing countries. This ensures that the effective dissemination of that knowledge to other regions covered by the GSWH project to accelerate the commercialization and sustainable market transformation of Solar Water Heating industry.

How to Obtain a SHAMCI Certificate?



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