ACTA* = Kiwa + Shield Group

Inventories, inspection, testing and project supervision of hazardous materials in housing and workplaces

Certification with related testing and inspection strengthened by training, technology and data services for products, processes, systems, persons
Geographical focus

International presence in major markets

- King of Niches
- One Kiwa identity with different local flavours
- Archipelago of islands with many bridges
- (international) business development coordination through Business Sectors and Expert Centers
- Turn over Kiwa 165 M€ (2013), ACTA 210 M€ (2013)
- 1900+ employee

Existing Offices
Priority Expansion Geographies
Agents & Partners Network

Offices in 22 countries, agents in 15 countries and is active in > 50 countries

Kiwa & Shield

Kiwa Sweden
- Food & Feed
- Building & Energy
- System certification
- Turn over 51 MSEK (2013)
- 44 FTE employee
Kiwa Sweden is accredited by SWEDAC for the certification of personnel and products and as an authority for third party inspection. Certification and quality control procedures are in accordance with the quality standards ISO/IEC 17020, ISO/IEC 17024 and ISO/IEC 17065.

Kiwa Sweden is a Notified Body according to the Construction Products Regulation-CPR 305/2011. As a Notified Body, we are entitled to act as a certification-and inspection-body. Our registration number is 2392.

**Building and Energy**

- **Markets**
  - Building/construction
    - Personell/products/inspection FPC
  - Energy sector
    - F-gas/products/inspection FPC

- **Bygg produkter**
  - Swedish ‘typgodkännande’
  - Swedish Byggproduktcertifikat
  - European (CE, FPC) Nobo 2393 & 0620
  - Inspectionbody for all Nordic countries
  - Access to Kiwa laboratory
  - Member of the Kiwa Expert Glas, Sanitary appliances, polymers, energy using products

- **Other Kiwa services**
Certification of personell

Certifications Schemes

Today Kiwa Sweden issues authorisations and certificates for groups such as:

- Quality control inspectors,
- OVK Inspectors, (Function supervisors for ventilation systems),
- Energy Experts,
- Environmental surveyors – buildings,
- Ventilation cleaners,
- Ventilation system adjusters,
- Safety inspectors for medical gas equipment and
- Safety inspectors for playing areas.
Accreditation/Certification

What is the difference between accreditation and certification?

- Accreditation is carried out by SWEDAC* and they will review the organization and its competence to carry out certification of personnel (ISO 17024).
- Certification is performed by an accredited organization which proves an individual’s expertise. The person can then act in the role as an Energy expert, for example.

* Swedish board for accreditation and conformity assessment

The certification frameworks

- ISO 17024 (Accreditation standard)
- STAFS (Guidelines), published from SWEDAC
- BFS 2011:16 OVK1 and BFS 2007:5 CEX1 from Boverket (Requirements)
Content of the certification scheme.

The presented requirements in the certification scheme for energy expert and ventilation inspectors are produced, based on the law in cooperation with the authorities and technical groups/experts:

- Requirements for Technical Education,
- Requirements of practical experience (content and years),
- Suitability for the task (evidenced by the manager or clients),
- Requirements for special skills (inspection and control) and
- Examination for verifying knowledge in the area of certification

The certification process

- Application,
- Registration of the matter,
- Examination of submitted documents and test,
- Decision of certification (5 year validity)
- Publication of certificate on [www.boverket.se](http://www.boverket.se)
Requirements for the certified person during the certification period.

The certified person must maintain their skills during the period of the certificate by;
- If required, conduct training in the field of certification,
- Working as an expert requisite number of hours/projects during the year.

These data shall be reported to the certification body.

The certification body may revoke the certificate if, for example, the certified neglect their duties.

Renewal of the certificate

When the validity of the certificate expires, the certified person must apply for extended period.
At this time the certification body only examine;

- Completed projects during the certification period,
- If there are any complaints about the certified person?
- A test covered by the news of the regulatory framework
Numbers of certificates

- **OVK Inspectors**
  - Totally 1457 persons (Kiwa 1066)
  - Last year 213 persons

- **Energyexperts**
  - Totally 822 persons (Kiwa 642)
  - Last year 172 persons

Statistics

- The review leads to rejection or a lower level of the certificate (5%)
- Fail the examination (test) at the first time (8%)