



CONFORMITY ASSESSMENT PRACTICES IN VIETNAM

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1. National Authorities

1.1. National Standards Development Organization and National Conformity Assessment Authority

- The Directorate of Standards, Metrology and Quality (STAMEQ) is the State Agency and under the Ministry of Science and Technology (MOST)
- To carry out State management functions on standardization, metrology and product and goods quality.
- Address: No 8 Hoang Quoc Viet Str., Cau Giay Dist., Ha Noi, Vietnam
- Website: <http://www.tcvn.gov.vn>
- Conformity Assessment Policy Dept is a point of contact of conformity assessment in Vietnam

1.2. National Accreditation Authority



- The Bureau of Accreditation (BoA) carry out in Vietnam under the scheme name as VICAS (Certification body) and VILAS (Testing laboratory).
- The accreditation standards are ISO/IEC Guide 65, ISO/IEC 17025.
- Website <http://www.boa.gov.vn>

Regulations Relating to Electrical and Electronic Products



- **Law on Standards and Technical Regulations** (*effective from 01/01/2007*)
- **Decree 127/2007/ND-CP** detailing the implementation of a number of articles of the Law on Technical Regulations (*effective from September 2007*)
- **Law on Products and Goods Quality** (*effective from 01/7/2008*)
- **Decree 132/2008/ND-CP** detailing the implementation of a number of articles of the Law on Products and Goods Quality (*effective from February 2009*)
- **Decision and Circulars under Decrees:**
 - *Decision 24/2007/QĐ-BKHCHN* of 28 September, 2009
 - *Circular 08/2009/TT-BKHCHN* of 08 April, 2009
 - *Circular 09/2009/TT-BKHCHN* of 09 April, 2009.

2. Regulations Relating to Electrical and Electronic Products in detail



- QCVN 4:2009/BKHCN, National Technical Regulation on Safety of EE products.
 - QCVN 4: 13 specific types of EE products
 - The regulated EEE within the scope of QCVN 4 shall comply with relevant TCVNs
 - All quoted TCVNs in QCVN 04 are mandatory for regulated EEE
 - All regulated EEE require both test report and certification of conformity to technical regulation (QCVN 4)

2. Regulations Relating to Electrical and Electronic Products



- All quoted TCVNs in QCVN 04 are adopted from and identical with IEC standards (relevant parts from 60335 series IEC 60227 series)



Instantaneous water heaters
TCVN 5699-2-35:2007
(IEC 60335-2-35:2005)



Heating Liquids
(**Electric Rice Cooker, Electric Coffee Makers, Electric kettles**)
TCVN 5699-2-15:2007
(IEC 60335-2-15:2005)



Storage water heaters
TCVN 5699-2-21:2007
(IEC 60335-2-21:2004)



Electric Fan
TCVN 5699-2-80:2007
(IEC 60335-2-80:2005)



Microwave
TCVN 5699-2-25:2007
(IEC 60335-2-25:2005)



Grills, toasters and similar portable cooking appliances
TCVN 5699-2-9:2004
(IEC 60335-2-29:2002)



Portable Immersion Heaters
TCVN 5699-2-80:2007
(IEC 60335-2-74:2005)



Skin or Hair care
TCVN 5699-2-23:2007
(IEC 60335-2-23:2005)

2. Regulations Relating to Electrical and Electronic Products



- QCVN 9:2012/BKHCN, National technical regulation on electromagnetic compatibility for household and similar electrical and electronic equipment
- TCVN 7186 (CISPR 15): Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- TCVN 7492-1 (CISPR 14-1): Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus

2. Regulations Relating to Electrical and Electronic Products



- Testing shall be stipulated as following:
 - Testing for the service of operations of producing and trading organizations, individuals shall be made in agreement with the testing organization/body.
 - Testing for the service of State management shall be carried out in designated laboratories.
- Certification shall be stipulated as follows:
 - Certification of Conformity to Standards shall be carried out on the basis of agreement between certification applying organizations, individuals with certification organizations /bodies;
 - Certification of Conformity to Technical Regulations shall be carried out by the designated certification organization/body.

3. Conformity Assessment

3.1. Requirements for conformity assessment service providers



- **Certification body**
- The certification operation is registered at the Ministry of Science and Technology according to the Circular No. 08/2009/TT-BKHHCN
- At least 03 experts are on the official payroll that hold bachelor's degrees (or above), proficient in the assessment of EEE and have at least 03 years' experience
- Technical documents, standards, and processes of assessment of conformity to corresponding technical regulations are adequate

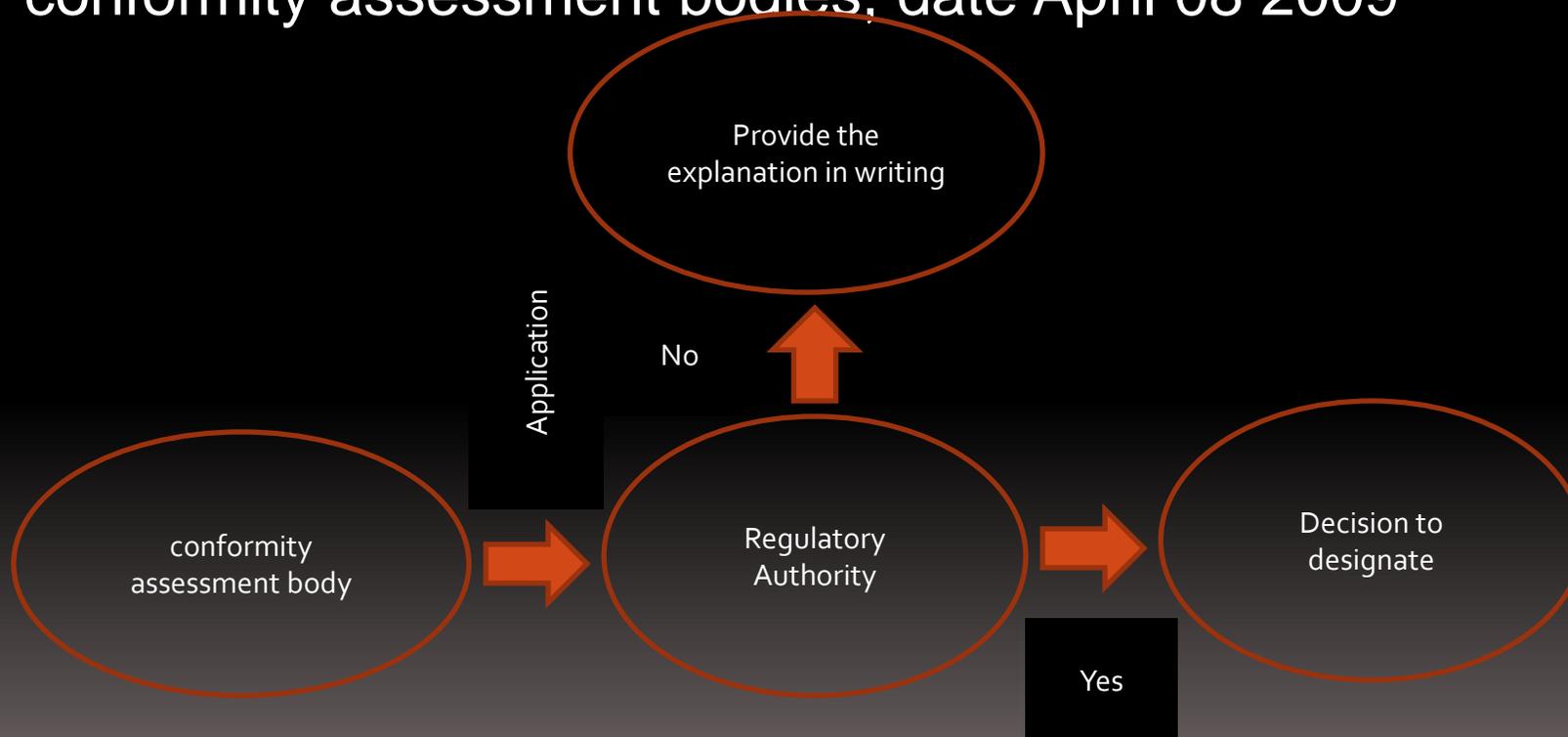
3.1. Requirements for conformity assessment service providers



- **Testing bodies, inspecting bodies, and verifying bodies**
- The testing operation is registered at the Ministry of Science and Technology according to the Circular No. 08/2009/TT-BKHCHN
- At least 02 technicians that are proficient in the testing of EEE, and have at least 03 years' experience
- Technical documents, standards, and processes of testing of assessment of conformity to corresponding technical regulations are adequate

3.2. Process to become a service provider

- *Circular 09/2009/TT-BKHCN*: Providing guidance on the requirements and procedure for designation of conformity assessment bodies, date April 08 2009



3.3. Current testing labs and certification bodies



| Testing Labs | Certification bodies |
|---|----------------------|
| Can Tho Center of Technology | Quacert |
| Quatest 1, 2, 3 | Quatest 1, 2, 3 |
| Quality assurance and testing center of Binh Duong | Quatest 3 |
| Electrical testing Laboratory (Ho Chi Minh city Department of Standard, Metrology and Quality) | |
| Testing laboratory for good and product quality (Quang Ninh department for Standard, Metrology and Quality Control) | |
| Technical and testing lab (Quang Ngai Department of Standard, Metrology and Quality) | |
| Quality assurance and testing center of Thai Binh | |

4. Participation in International Electrical Products Standards Development and Conformity Assessment



- STAMEQ is Designating Body for ASEAN EEE MRA → the focal point to implement EEE MRA in Vietnam
- STAMEQ had become the associate member of IEC since 2002. Policy to adopt IEC standards to national standards (TCVN, about 500 standards).
- Viet Nam is the member of international accreditation schemes: IAF, PAC, ILAC and APLAC

5. Trends in Electrical/Electronic Product Safety and Efficiency



- No changes are expected to happen in the near term
- No new regulations under development or consideration
- An interest in promoting the use of more energy efficient products

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Q&A?

Thank you!