

**ISO/IEC JTC 1  
Information Technology**

**Document Type:** Other document (defined)

**Document Title:** Request for endorsement of the SC 25 decision - taken by vote - to nominate IECQ as registration authority (RA) for the unique identification numbers specified in ISO/IEC 14908-1

**Document Source:** SC 25

**Reference:**

**Document Status:** This document is forwarded to JTC 1 National Bodies for a default letter ballot. If the JTC 1 Secretariat receives no objections to the SC 25 request, it will be forwarded to ITTF for processing.

**Action ID:** ACT

**Due Date:** 2009-01-20

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# ISO/IEC JTC 1/SC 25 **N 1723**

Date: 2009-11-11

Replaces ISO/IEC JTC 1/SC 25 N/A

**ISO/IEC JTC 1/SC 25**  
**INTERCONNECTION OF INFORMATION TECHNOLOGY EQUIPMENT**  
**Secretariat: Germany (DIN)**

**DOC TYPE:** Administrative

**TITLE:** Request for endorsement of the SC 25 decision - taken by vote - to nominate IECQ as registration authority (RA) for the unique identification numbers specified in ISO/IEC 14908-1

**SOURCE:** SC 25 Secretary

**PROJECT:** 01.25.01.16.1: ISO/IEC 14908-1

**STATUS:** Resolution 20/3 initiated at the 20th Plenary of SC 25, Beijing, China, 2009-09-11 selection of a registration authority (RA) for the "unique node identification" (UNID) numbers specified in ISO/IEC 14908-1.  
75 % of the SC 25 National Bodies that provided a specific vote have selected IECQ as recorded in SC 25 N 1720. Therefore JTC 1 is kindly requested to endorse the SC 25 approved decision to appoint IECQ as registration authority for the UNIDs specified in ISO/IEC 14908-1.

**ACTION ID:** FYI

**DUE DATE:** n/a

**REQUESTED:** To JTC 1 to endorse the SC 25 voted decision

**ACTION** To SC 25 Member Bodies for information and support of their JTC 1 Member.

**MEDIUM:** Def

**DISTRIBUTION:** ITTF, JTC 1 Secretariat  
P-, L-, O-Members of SC 25

**No of Pages:** 3 (including cover)

**Request for endorsement of the SC 25 decision - taken by vote - to  
nominate IECQ as registration authority (RA) for the unique identification  
numbers specified in ISO/IEC 14908-1**

## **1 Introduction**

E.5 of ISO/IEC 14908-1: *Open Communication in Building Automation, Controls and Building Management - Control Network Protocol Part 1: Protocol Stack*, specifies a unique 48-bit identifier called Unique\_Node\_ID (UNID). This ID is unique worldwide and is set at the time of manufacture (of the chip). The value of this identifier does not change from the time of manufacture.

Since this specification now is approved as international standard a registration authority (RA) is required on international level to ensure that a specific 48-bit number is only allocated once world wide.

## **2 Appointment of a RA for ISO/IEC 14908-1**

SC 25 at its 20th Plenary at Beijing, China received information about two entities that are ready and capable to fulfil the duties of a registration authority (RA) for ISO/IEC 14908. Initiated with Resolution 20/3 the SC 25 National Bodies were asked for their preference with help of 30 a y letter ballot.

75 % of the SC 25 National Bodies that provided a specific vote have voted in support of IECQ as RA for ISO/IEC 14908. (The voting result is available as SC 25 N 1720. )

Therefore SC 25 kindly asks JTC 1 to endorse this SC 25 voted decision.

## **3 IEC Quality Assessment System for Electronic Components (IECQ)**

### **3.1 Qualification of IECQ for a RA**

IECQ, is an entity of the IEC that serves and qualifies for the services of a RA according to 2.7.2.2 of the JTC 1 directives.

The IEC is a legal entity and exists since more than 100 years and enjoys a sound financial structure. IECQ, the International Electrotechnical Commission Quality Assessment System for Electronic Components, is an entity of the IEC that serves the industry with single international systems of covering conformity assessment of components, assemblies, related materials and processes. The IECQ system operates a centralised certification system which provides for the assignment of unique certificate numbers and central registration of certificates issued by the IECQ bodies. It has the necessary technically competent employees, equipment, infrastructure and being part of IEC, the internal IT systems.

The CONFORMITY ASSESSMENT BOARD (CAB) of the IEC has authorised IECQ to provide the services of a RA for ISO/IEC 14908-1 during the 2009 IEC General Meeting in Tel Aviv. Thus IECQ ensures reliable and long-term (minimum of 10 years) services that will provide confidentiality for competition sensitive data.

IECQ will provide its services for a fee that will neither require financial contribution from ISO or IEC Central Secretariats nor their members as it will recuperate the cost for the service. IECQ has confirmed that fee presently charged by the RA for the European standard EN 14908-1 and its US equivalent is sufficient to recover its cost.

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### **3.2 Authorisation of IECQ by the IEC**

The IEC Conformity Assessment Board's supports IECQ to become the Registration Authority for ISO/IEC 14908-1 along with confirmation of IECQ's readiness to move to the next stage after considering:

- that IECQ use of existing infrastructure, e.g. the allocation of unique certificate numbers via the IECQ "On-Line" Certificate System structure.
- such a registration service fits within the IECQ scope of electronic components and related assemblies and processes and compliments the existing range of IECQ services, e.g. Manufacturer's Approvals, Component Approvals, Process Approvals and ECMP
- this service will be a user pay system with no negative financial implications for IECQ.

### **3.3 Some facts on IECQ**

#### **3.3.1.1 Introduction**

IECQ has more than 30 years' experience as IEC's certification and registration programmes for electronic components, processes and related materials.

In 2003, the European counterpart CECC, merged into IECQ, bringing with it the CECC Mark. This Mark is used under IECQ by agreement between the IEC and CENELEC, which owns the Mark.

In recent years the IECQ has also moved into process management certification for electronic components used in aerospace. In addition IECQ operates the well known IECQ QC 080000 HSPM Scheme (Hazardous Substance Process Management) for electrical and electronic components and products that comply with requirements for the restriction of hazardous substances.

IECQ is the abbreviated name for the IEC Quality Assessment System for Electronic Components. The abbreviations "IECQ-CECC" and "CECC" continue to be valid on certificates already issued.

#### **3.3.1.2 IECQ's Mission**

IECQ provides visibility and independent verification that electronic components and related materials and processes, including those below the user's level of specification in the supply chain, are compliant to appropriate standards, specifications or other documents.

The IECQ maintains a dedicated Internet site, [www.iecq.org](http://www.iecq.org) which hosts further information and the "On-Line" Certificate System.