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IECQ OD 19443

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IECQ OPERATIONAL DOCUMENT

IEC Quality Assessment System for Electronic Components (IECQ System)

**Application of ISO 19443 for issuing IECQ products and services ITNS
approved process certification**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

IECQ operational document OD 19443 –

**Application of ISO 19443 for issuing
IECQ products and services ITNS approved process certification**

FOREWORD

This OD is the result of the April 2019 series of IECQ Singapore meetings and sets out the process for:

- 1) qualification of IECQ certification bodies (CBs) that wish to include ISO 19443 within their IECQ approved process (AP) scheme scope, and
- 2) procedures for processing applications and issuing certificates that include ISO 19443 within the scope of certification.

Document history

Date	Summary
2019-06-25	First edition approved by the IECQ Management Committee

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INTRODUCTION

IECQ operational document OD 19443 details the application and use of the following international standard as part of the IECQ approved process (AP) scheme:

ISO 19443: 2018, *Quality management systems – Specific requirements for the application of ISO 9001:2015 by organizations in the supply chain of the nuclear energy sector supplying products and services important to nuclear safety (ITNS)*

This OD covers the following:

- assessment and qualification of IECQ certification bodies (CBs) to issue IECQ certificates covering “certification of organizations in the supply chain of the nuclear energy sector supplying products and services important to nuclear safety (ITNS)” to organizations that have been successfully assessed to ISO 19443, according to the IECQ AP scheme requirements
- requirements of IECQ CB staff to conduct assessments and audits to ISO 19443
- the method and system of assessment including allocated assessment days
- other information to ensure the consistent application of ISO 19443 by IECQ CBs

IECQ CBs conducting assessments to ISO 19443 shall record findings using the standard IECQ site assessment report (e.g. SAR 19443) as listed for use by IECQ CBs located on the IECQ website, under “Standard Forms”.

Further information concerning these procedures or any other aspect of the IECQ ITNS approved process scheme or any other aspect of the IECQ System, may be obtained at www.iecq.org.

Application of ISO 19443 for issuing IECQ products and services ITNS approved process certification

1 Overview and background

The need for organizations to maintain specifications accepted by their customers when supplying component parts and services that are important to nuclear safety (ITNS) is evident. International Standard ISO 19443 sets out the management system framework as a tool to be used to monitor and control the supply chain.

The generic IECQ approved process (AP) scheme provides for the independent assessment and issuing of an international IECQ certificate of conformity for organizations that have demonstrated compliance with declared standards and/or specifications, for example IEC 61340-5-1 for the management of electrostatic discharge (ESD).

With the growing need for organizations to provide independent proof of compliance with ISO 19443 as organizations supplying products and services ITNS to the nuclear energy sector, member countries of the IECQ System have agreed to integrate ISO 19443 into their internationally standardized process certification scheme, noting the long established and successful IECQ schemes.

With the global nature of the nuclear industry supply chain, all stakeholders benefit from a single global approach to the assessment and certification of organizations to the International Standard ISO 19443.

Therefore the IECQ Management Committee has integrated ISO 19443 into its IECQ AP scheme.

IECQ independent third party products and services ITNS facility assessments, under the IECQ AP scheme ensures a focus on the key technical and administrative elements that provide confidence that the requirements of ISO 19443 have been met.