

# IEC Standards and certification programmes that help tackle counterfeit in Avionics, Defence and High-Performance (ADHP) industries

Another way to help spot fake merchandise is to address the important issue of counterfeit certificates. IEC Conformity Assessment Systems are unique in that they contain online databases, which allow immediate verification of the originally issued “Certificates of Conformity” and/or “Testing Certificates”. This means that if the certificates cannot be found on these databases, they are not authentic.

In the Avionics, Defence and High-Performance (ADHP) industries, the use of IEC TS 62239-1, *Process management for avionics - Management plan - Part 1: Preparation and maintenance of an electronic components management plan*, also refers to the following Standards for electronic component anti-counterfeit management:

- IEC TS 62668-1, *Process management for avionics - Counterfeit prevention - Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components*
- IEC TS 62668-2, *Process management for avionics - Counterfeit prevention - Part 2: Managing electronic components from non-franchised sources*

IECQ also operates the third party anti-counterfeit assessment programme IECQ CAP:

- IECQ 03-7, *IEC Quality Assessment System for Electronic Components (IECQ*

*System) - Rules of Procedure - Part 7: IECQ Counterfeit Avoidance Programme (IECQ AP-CAP) - Programme Requirements*

- IECQ OD 3706-1, *IECQ Operational Document - IECQ Counterfeit Avoidance Programme (IECQ CAP) Assessment, Evidence of Compliance Summary and Assessment Reporting Form (SAE AS 5553A)*, for ADHP original equipment manufacturers (OEMs) who buy and assemble electronic components
- IECQ OD 706-2, *IECQ Operational Document - IECQ Counterfeit Avoidance Programme (IECQ CAP) Assessment, Evidence of Compliance Summary and Assessment Reporting Form (SAE AS 6081)*, for non-franchised distributors who sell electronic components
- IECQ OD 706-3, *IECQ Operational Document - IECQ Counterfeit Avoidance Programme (IECQ CAP) Assessment, Evidence of Compliance Summary and Assessment Reporting Form (IEC TS 62668-1 Ed.3)*, for ADHP original equipment manufacturers (OEMs) who buy and assemble electronic components, repair their equipment and sell spares to their customers
- IECQ OD3702, *IECQ Operational Document - IECQ Counterfeit Avoidance Programme*

*Assessment, Evidence of Compliance Summary and Assessment Reporting Form - Anti-counterfeit Traceability audit for any industry segment*, for checking the traceability of any item in the supply chain

## About IECQ

IECQ, the IEC Quality Assessment System for Electronic Components, is a worldwide approval and certification system that covers the supply, assembly, associated materials and processes of a large variety of electronic components that are used in millions of devices and systems.

The avionics and increasingly other industries depend on the IECQ Electronic Component Management Plan (ECMP) to assess suppliers and safely manage their components' supply chain also to avoid counterfeit merchandise. IECQ also allows manufacturers to more easily comply with increasingly strict hazardous substances regulations.

## Note

IEC TS 62239-1, IEC TS 62668-1 and IEC TS 62668-2 will soon be evolving into full International Standards.