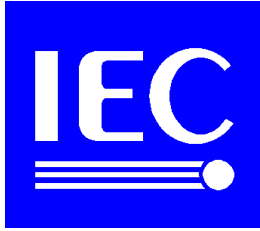


IEC and IAEA Digital I&C Standards and Correlation with DICWG Common Positions

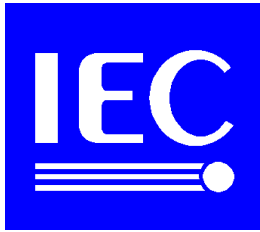
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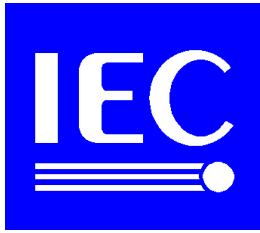
Key IEC Standards for Digital I&C

- DS431 Design of I&C Systems
 - While not an IEC standard, SC45A will take the approved version as the basic high level guidance that our standards support
- 61513 General Requirements for I&C
- 61226 Functional Categorization
- 60987 Design Requirements for Computer Hardware
- 61500 Category A Data Communications
- 62340 Coping with CCF
- 60880 Software for Category A Functions
- 62138 Software for Category B&C Functions
- 62566 Development of HDL Systems for Category A Functions
- 62671 Acceptance of Industrial Devices



IEC & IAEA Work in Progress on Digital I&C

- DS431 Design of I&C for NPP
- 61226 Functional Categorization
- 62138 S/W for Cat B&C
- 62645 Computer Security Programs
- 62859 Coordinating Cyber Security and Safety
- IAEA Cybersecurity for Nuclear Facility I&C
- 62918 Selection and use of Wireless Devices (Tec Report)
- In publication
- Update for consistency with revised IAEA standards
- Align with DS431 and revisions to related IEC standards
- New
- New
- New
- New



Coordination of DICWG CP with IEC & IAEA Standards

- DS431 Design of I&C Systems
- 60880 Software for Category A Functions
- 62566 Development of HDL Systems for Category A Functions
- 62671 Acceptance of Industrial Devices
- 62859 Requirements for Coordinating Cyber Security and Safety
- IAEA Cybersecurity for Nuclear Facility I&C
- DICWG-01 CCF
- DICWG-02 Tools
- DICWG-03 V&V
- DICWG-04 Com. Independence
- DICWG-05 HDL
- DICWG-06 Simplicity
- DICWG-07 Industrial devices
- DICWG-08 Security-Safety Interaction
- DICWG-09 Architecture
- DICWG-10 Configuration Mgmt.
- DICWG-11 Pre-op testing

This slide shows the primary relationships.
Often more than one standard is coordinated with a common position.