



The U.S. National Committee (USNC) of the International Electrotechnical Commission (IEC) is proud to be hosting the 74th IEC General Meeting in Seattle October 6 – 15, 2010. Some 90 IEC Technical Committees and Subcommittees will hold meetings in conjunction with this event supported by more than 54 General and 45 Technical Sponsors. For more information, contact the USNC Office at 212.642.4900 or czegers@ansi.org.

Founded in 1906 with British scientist Lord Kelvin as its first president, IEC is the leading organization that prepares and publishes International Standards for electrical, electronic, and related technologies. IEC's International Standards facilitate global commerce by removing technical barriers to trade, leading to new markets and economic growth. For more information, visit www.iec.ch.



The American National Standards Institute (ANSI) is a private non-profit organization whose mission is to enhance U.S. global competitiveness and the American quality of life by promoting, facilitating, and safeguarding the integrity of the voluntary standards and conformity assessment system.

The U.S. National Committee of the International Electrotechnical Commission (USNC/IEC) is an integrated committee of ANSI. The USNC serves as the focal point for U.S. interests in international electrotechnical standards, certification, and other related matters. As the nation's representative to the IEC, the USNC also serves as the conduit for all U.S. technical and policy contributions into the IEC system and related regional standardization organizations.

ANSI provides administrative support to the USNC and its nearly 2,000 managerial, engineering, scientific, and professional participants.

FOR MORE INFORMATION

U.S. National Committee of the IEC
c/o American National Standards Institute
25 W. 43rd Street, Fourth Floor
New York, NY 10036
T: 212.642.4900
F: 212.730.1346
E: czegers@ansi.org

www.ansi.org/usnc



United States
National Committee
of the IEC





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Global commerce depends upon the use of technically valid standards developed with input from all stakeholders and suitable for implementation in any nation. Effective international standards support cross-border trade, mitigating the impact of regions or countries that enforce local standards to favor local industries, and help to improve the safety of products and services for the protection of consumers worldwide.

Within the electrotechnical community, the U.S. National Committee (USNC) and its technical experts play a critical role in helping to shape an international standards system that is now more flexible, effective, and cost-efficient than at any other time in its 100-year history. Since its formation in 1907, the USNC has been the official U.S. representative to the International Electrotechnical Commission (IEC), and today represents electroindustry interests in regional forums spanning the globe.

IEC's standardization work embraces all electrotechnologies, including electronics, magnetic and electromagnetics, electroacoustics, multimedia, telecommunications, energy production and distribution; plus associated disciplines such as terminology and symbols, electromagnetic compatibility, measurement and performance, dependability, design and development, safety, and the environment.



USNC ROLES AND RESPONSIBILITIES

- ❑ Serve as the U.S. point of contact for industry, government, consumers, academia, and others affected by standardization and compliance programs that impact the electroindustry
- ❑ Represent U.S. interests at the International Electrotechnical Commission and select regional forums
- ❑ Recommend the development of needed standards or compliance programs to appropriate bodies
- ❑ Encourage participation in the development of voluntary standards and conformity assessment programs
- ❑ Develop and strengthen relationships among national and international organizations to promote diversity and increased engagement
- ❑ Develop or encourage development of outreach programs to build support for U.S. policy and technical activities that are of interest to the electrotechnical sector
- ❑ Dialogue on key issues and facilitate communication and information exchange among industry professionals
- ❑ Provide guidance to the ANSI Board of Directors on policy and procedures that affect the electrical and electronics industry

JOIN A TAG AND MAKE AN IMPACT

The USNC interfaces with IEC Technical Committees (TCs) and Subcommittees (SCs) through its 150 Technical Advisory Groups (TAGs) — one TAG for each of its Participating Memberships in IEC. The TAG designates U.S. delegates to TC meetings, determines the USNC votes/comments on TC documents, and appoints experts to Working Groups and Maintenance and Project Teams.

To get actively involved in IEC, consider which TCs/SCs interest you and contact the USNC Office for details on how to join the related TAGs. The following are just a few of the newest activities established to meet the needs of the electrotechnical community:

IEC/TC 113 – *Nanotechnology standardization for electrical and electronic products and systems*

IEC/TC 114 – *Marine energy – Wave, tidal and other water current converters*

IEC/TC 115 – *High Voltage Direct Current (HVDC) Transmission for DC Voltages above 100 kV*

IEC/TC 116 – *Safety of hand-held motor operated electric tools*

Other engagement options include leadership as a member of the USNC Council; indirect influence via membership in a participating professional society, trade association, or other body; and submission of technical comments via ANSI's open public review process.

FOR MORE INFORMATION, OR TO JOIN THE USNC/IEC, VISIT WWW.ANSI.ORG/USNC