

Standards and Conformity Assessment In the Persian Gulf

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Leadership > Knowledge > Innovation

Appreciation

- To NIST for Hosting
- To the GCC and GSO for your attendance
- To AHAM members attending
 - Cange International (representing Viking Range)
 - Electrolux
 - General Electric
 - Whirlpool

AHAM Members Attending

Brands

Cange International—Viking Range

Electrolux International

White Westinghouse, Kelvinator, Frigidaire,
Gibson, Leonard, Philco

General Electric

Hotpoint, GE, Profile, Monogram

Whirlpool

Maytag, Magic Chef, Amana, Whirlpool

AHAM

- The Association of Home Appliance Manufacturers represents over 100 manufacturers of home appliances.
- Companies located around the world
- Participate in the North American Market
- Manufacturers
- Domestic Appliances
 - Major Appliances
 - Portable Appliances
 - Floor Care Appliances

Major Appliances

- Cooking
 - Electric and Gas Ranges
 - Microwave Ovens
 - Wall Ovens
- Food Preservation
 - Refrigerators
 - Freezers
 - Beverage Coolers
- Cleanup
 - Dishwashers
 - Food Waste Disposers
 - Trash Compactors
- Home Laundry
 - Clothes Washers
 - Clothes Dryers
- Home Comfort
 - Room Air Conditioners
 - Dehumidifiers

Portable Appliances

- Countertop Cooking
 - For example
 - Toasters
 - Rice Cookers
 - Frying Pans
- Countertop Motorized
 - For example
 - Blenders
 - Mixers
- Beverage
 - Coffee makers
 - Kettles
- Garment Care
 - Steam Irons
- Personal Care
 - For example
 - Electric Shavers
 - Hair Dryers
- Air Treatment
 - Heaters
 - Humidifiers
 - Air Cleaners
 - Fans

Floor Care Appliances

- Central Vacuum Cleaners
- Upright Vacuum Cleaners
- Canister Vacuum Cleaners
- Hand Held Vacuums
- Carpet Wet Cleaners
- Hard Surface Cleaners
- Floor Polishers
- Steam Mops
- Wet/Dry Vacuums

AHAM Activities

- Government Relations
 - Federal, State, International
- Technical Services
 - Standards Information and Advocacy
- Business Information & Statistics
- Certification
 - Certification of energy efficiency of room air conditioners, dehumidifiers, air cleaners, refrigerators, washers, dishwashers
- Communications



AHAM Members

- AHAM have participated in the appliance sector in the Gulf region for more than 50 years
- Our members ship over 62 million major appliances in the U.S.
- Factory value is over \$30 billion USD
- These companies bring expertise, innovation, new technology, energy efficiency, water efficiency, quality and convenience.



New Innovations

- New Energy Efficiency Standards
 - Agreement for new standards that will occur through 2015
 - Industry needs time to make changes in design and manufacture
 - US Department of Energy allows 3 years from any announced regulation to enforcement
 - AHAM pioneering Smart Grid applications

We need assistance in the GCC/GSO

- Harmonization of standards does not happen overnight
 - Testing procedures are different
- We need greater information from GCC/GSO
 - Categories covered by GSO
 - Mutual recognition of conformity assessment
 - Acceptance of IEC CB Scheme for safety in IEC Gulf Countries

We need assistance in the GCC/GSO

- Need for greater information
 - Acceptance of testing from UL and other U.S. safety certification organizations
 - Changes in Voltage
 - Need transition date
 - Need to know how we can continue to meet existing stock market
 - Need to service existing equipment
 - Need official explanation

We need assistance from GCC/GSO

- Conformity Assessment
 - Laboratories assisting companies
 - Pre-Shipment inspections
 - One country model
 - Energy Reports

We need assistance from GCC/GSO

- Future Goals of the Region
- Harmonization within 230V countries
 - Acceptance of harmonized standards
- Differences between 60Hz and 50Hz countries
- Use of voltage converters
- Time to make changes
- Difficulties mixing performance and safety

AHAM Member Participation

- IEC Technical Committee 61 for Safety Standards
- 36 Safety Standards Committees in the U.S.
- IEC Technical Committee 59 for Performance and Energy
- ICPHSO
- WTO TBT Inquiry Point
 - Greater Advance Notification

We look forward to greater cooperation

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