



EASA Representation Before Other Groups/Organizations 2003-2006

EASA is represented in these external forums/technical committees:

International Electrotechnical Commission (IEC)

- Maintenance Team 60079-1 for IEC 60079-1, Electrical Apparatus for Explosive Gas Atmospheres (Tom Bishop)
- Working Group for Introduction of IEC 60079-19 into IEC Ex Scheme (John Allen, Dowding & Mills PLC, Technical Services Committee Member)
- TC2 working group (Chuck Yung)
- TC31 Management Committee for IEC 60079-19 (John Allen, Dowding & Mills PLC, Technical Services Committee Member)
- TC31 US TAG for IEC 60079, 61779, 62013 and 62086 (Tom Bishop)
- 60034-8 Rotating Electrical Machines; Terminal Markings (Chuck Yung)
- 60034-11 Rotating electrical machines – thermal protection (Chuck Yung)
- 60034-17 Motors fed from converters (Chuck Yung)
- 60035-2-34 Standards Technical Panel for Hermetic Refrigerant Motor-Compressors (Chuck Yung)
- IEC 60034-27 Rotating electrical machines – Part 27: Partial discharge off-line measurements on the stator winding insulation of rotating machinery (Chuck Yung)

IEEE Working Groups

- IEEE 43 Recommended Practice for Testing Insulation Resistance of Rotating Machinery (Tom Bishop)
- IEEE 62.2 Guide for Diagnostic Field Testing of Electric Power Apparatus- Electrical Machinery (Tom Bishop)
- IEEE 1068 Recommended Practice for the Repair and Rewinding of Motors for the Petroleum and Chemical Industry* (Chuck Yung)
- Disaster Recovery – New Recommended Practice Group (Chuck Yung)

Standards Review and Ballot (IEEE Standards Association)

- IEEE 112 Test Procedure for Polyphase Induction Motors and Generators (Tom Bishop)
- IEEE 1434 IEEE Guide to the Measurement of Partial Discharges in Rotating Machinery (Tom Bishop)

* Chuck's work on this committee has meant that EASA's AR100 will now be referenced in the 1068 standard just revised; this is a great thing for EASA and its members.

- IEEE C37.13 Draft Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures (Tom Bishop)
- IEEE C37.102 Draft Guide for AC Generator Protection (Tom Bishop)
- IEEE C57.140 Guide for the Evaluation and Reconditioning of Liquid Immersed Power Transformers (Tom Bishop)
- IEEE 95 Recommended Practice for Insulation Testing of AC Electric Machinery with High Direct Voltage (Tom Bishop)
- IEEE 1147 Guide for the Rehabilitation of Hydroelectric Plants (Tom Bishop)
- IEEE 493 Recommended Practice for the Design of Reliable Industrial and Commercial Power Systems (Tom Bishop)

IEEE PPIC DCS Subcommittee (Drives & Control Systems) (Cyndi Nyberg)

Motor Decisions Mattersm (MDM)

- Representatives to Campaign: Marketing & Industry Awareness Committee Chair, Linda Raynes

Motor Resource Center (MRC)

- Advisory Committee (Tom Bishop)

National Electrical Manufacturers Association (NEMA)

- ANSI C50 Rotating Machinery Committee (Chuck Yung; Tom Bishop & Cyndi Nyberg, alternates)
- NEMA MW 1000 (Chuck Yung)

National Fire Protection Association (NFPA)

- NFPA 70B Electrical Equipment Maintenance (Tom Bishop)

Underwriters Laboratories (UL) Standards Technical Panels

- 506 Low Voltage Transformers (Cyndi Nyberg)
- 1562 Transformers, Distribution, Dry-Type over 600 volts (Cyndi Nyberg)
- 674 Electric Motors and Generators for Hazardous Locations (Chuck, Cyndi)
- 1446 Systems of Insulating Materials (Cyndi Nyberg)
- 448 Standard for Pumps for Fire Protection Service (Chuck Yung)
- 778 Standard for Motor-Operated Water Pumps (Chuck Yung)
- 840 Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment (Chuck Yung)
- 1004 Standard for Electric Motors (Chuck Yung)
- 1434 Standard for Thermistor-Type Devices (Chuck Yung)
- 1450 Standard for Motor-Operated Air Compressors, Vacuum Pumps and Painting Equipment (Chuck Yung)
- 2111 Standard for Overheating Protection for Motors

U.S. Department of Energy (USDOE)

- *Energy Matters* Editorial Board (Tom Bishop)

Presentations (Non-EASA 2003-2006)

2003

Electric Power Research Institute (EPRI) Large Electric Motor Users Group (LEMUG) Tampa, FL; January (Tom Bishop)

Root Cause Failure Analysis

American Council for an Energy Efficient Economy (ACEEE)
Market Transformation Meeting; Washington, DC; April (Bill Nielsen & Linda)

EASA and the Motor Service Industry

Westinghouse Nuclear, Madison (Pittsburgh), PA; July (Tom Bishop)

Principles of Large AC Motors

Root Cause Failure Analysis

American Council for an Energy Efficient Economy (ACEEE)

2003 Summer Study; August (Tom Bishop)

EASA/AEMT Study of Motor Repair Impact on Efficiency

2004

MDM Press Conference on 1-2-3 Approach to Motor Management Launch

Chicago, IL; February (George Flolo (speaker) & Linda (attendee))

Using the 1-2-3 Approach

Tri-State Utilities, Denver, CO; February (Chuck Yung)

Maintaining Efficiency During Repair

Dranetz-BMI, Edison, NJ; April (Tom Bishop)

Root Cause Failure Analysis

Ski Lift Association, Grand Junction, CO; May (Chuck Yung)

DC Root Cause

Iris Engineering Maintenance Conference, New Orleans, LA; June (Chuck Yung)

Improving Efficiency During the Repair Process

IEEE Pulp & Paper Conference, Victoria, BC; June (Cyndi Nyberg)

Understanding the EASA Mechanical Repair Guideline

Consortium for Energy Efficiency (CEE) Industry Partners Meeting

Dallas, TX; September (George Flolo (attendee) & Linda (speaker))

EASA and the Motor Service Industry

PCS Nitrogen Trinidad Ltd.; October (Chuck Yung)

Mechanical Repair Fundamentals

2005

National Manufacturing Week, Chicago, IL; March (Tom Bishop)

Getting Top Returns from Motor Management

InterNational Testing Association (NETA) Annual Technical Conference

New Orleans, LA; March (Tom Bishop)

Field Testing of Electric Motors

Panel Session: Rotating Machinery

Consortium for Energy Efficiency (CEE) Industry Partners Meeting

Chicago, IL; September (George Flolo (attendee) & Linda (speaker))

EASA and the Motor Service Industry; Trends

IEEE Petroleum & Chemical Industry Committee (PCIC) Convention

Denver, CO; September (Chuck Yung)

Opportunities to Improve Reliability and Efficiency

of Existing Medium-Voltage Electric Motors

2006

Motor Decisions Matter (MDM) Sponsor Meeting

Chicago, IL; April (George Flolo & Linda Raynes)

Follow-up Conference Call on Trends

IEEE Pulp & Paper Conference (PPIC), Appleton, WI; June (Cyndi Nyberg)

Tutorial: The Selection, Care and Feeding of Rolling Element Electric Motor

Bearings for AC and DC Motors through 500 hp (370 kW)

on IEEE 841-size Motors

IEEE Petroleum & Chemical Industry Committee (PCIC) Convention, Philadelphia, PA;

September (Chuck Yung)

Topics A New Method for Stator Core Repair

A Construction, Performance & Reliability Comparison for Pre-

EPAct, EPAct and Premium Efficient Motors (Chuck and Austin

Bonnett)

Tutorial: Care and Feeding of Ball and Roller Element Bearings