

## CUSTOMER TRAINING AND WORKSHOPS

# UL University

## 2010 Customer Workshop Calendar

### AEROSPACE

#### **Auditor/Lead Auditor Training for AS9100**

February 8-12 – Edison, N.J.  
March 8-12 – Phoenix, Ariz.

### APPLIANCES

#### **Safety of Household and Similar Electric Appliances; General Requirements, IEC 60335-1**

March 23-24 – Northbrook, Ill.  
September 22-23 – Northbrook, Ill.

#### **Commercial Electric Cooking Appliances: Designing for Compliance to UL 197**

April 20-21 – Northbrook, Ill.  
October 12-13 – Northbrook, Ill.

#### **Commercial Refrigeration Appliances: UL 471**

June 10 – Northbrook, Ill.

### DATA ACCEPTANCE PROGRAM

#### **Data Acceptance Program and ISO/IEC 17025 Requirements and Implementation**

March 25 – Melville, N.Y.  
May 13 – Dallas, Texas  
June 24 – Northbrook, Ill.  
August 12 – Research Triangle Park, N.C.  
September 28 – Montreal, Quebec  
October 28 – Brea, Calif.  
December 9 – Research Triangle Park, N.C.

### FIRE AND SECURITY

#### **Firestop Contractors International Association (FCIA) Education Program and Examination**

February 17 – San Jose, Calif.  
April 27 – San Francisco, Calif.  
July 22 – Melville, N.Y.  
October 7 – Toronto, Ontario  
November 9 – Las Vegas, Nev.

#### **Installation and Classification of Burglar Alarm Systems for Financial and Commercial Premises, Safes and Vaults: CAN/ULC-S302**

October 19 – Toronto, Ontario

#### **Installation and Services for Fire Signal Receiving Centres and Systems: CAN/ULC-S561**

September 23 – Calgary, Alberta  
October 19 – Toronto, Ontario

### HAZARDOUS LOCATIONS

#### **Designing for Compliance to UL 60079 Intrinsic Safety**

April 22 – Northbrook, Ill.  
September 16 – Research Triangle Park, N.C.

#### **Hazardous Locations: Achieving Global Market Access**

May 19-20 – Northbrook, Ill.  
November 17-18 – Research Triangle Park, N.C.

#### **Hazardous Locations: Rebuilt Motor**

April 27 – Green Bay, Wis.  
August 24 – Detroit, Mich.

### INDUSTRIAL CONTROL EQUIPMENT

#### **Designing for Safety Compliance in Industrial Control Panels UL 508A**

February 9 – Orlando, Fla.  
March 23 – Knoxville, Tenn.  
April 13 – Northbrook, Ill.  
April 20 – Anchorage, Alaska  
May 4 – Toronto, Ontario  
May 18 – Research Triangle Park, N.C.  
June 9 – Manchester, N.H.  
July 20 – Houston, Texas  
August 18 – Pittsburgh, Penn.  
September 14 – Denver, Colo.  
September 22 – Hartford, Conn.



## **INDUSTRIAL CONTROL EQUIPMENT CONTINUED**

### **Designing for Safety Compliance in Industrial Control Panels UL 508A**

October 13 – St. Louis., Mo.  
October 19 – Northbrook, Ill.  
October 20 – Montreal, Quebec  
November 2 – San Jose, Calif.  
December 7 – Research Triangle Park, N.C.

### **Short-Circuit Current Ratings of Industrial Control Panels UL 508A; Supplement B**

February 10 – Orlando, Fla.  
March 24 – Knoxville, Tenn.  
April 14 – Northbrook, Ill.  
April 21 – Anchorage, Alaska  
May 5 – Toronto, Ontario  
May 19 – Research Triangle Park, N.C.  
June 10 – Manchester, N.H.  
July 21 – Houston, Texas  
August 19 – Pittsburgh, Penn.  
September 15 – Denver, Colo.  
September 23 – Hartford, Conn.  
October 14 – St. Louis., Mo.  
October 20 – Northbrook, Ill.  
October 21 – Montreal, Quebec  
November 3 – San Jose, Calif.  
December 8 – Research Triangle Park, N.C.

### **Industrial Control Panels UL 508A and Short-Circuit Current Ratings**

February 9-10 – Orlando, Fla.  
March 23-24 – Knoxville, Tenn.  
April 13-14 – Northbrook, Ill.  
April 20-21 – Anchorage, Alaska  
May 4-5 – Toronto, Ontario  
May 18-19 – Research Triangle Park, N.C.  
June 9-10 – Manchester, N.H.  
July 20-21 – Houston, Texas  
August 18-19 – Pittsburgh, Penn.  
September 14-15 – Denver, Colo.  
September 22-23 – Hartford, Conn.  
October 13-14 – St. Louis., Mo.  
October 19-20 – Northbrook, Ill.  
October 20-21 – Montreal, Quebec  
November 2-3 – San Jose, Calif.  
December 7-8 – Research Triangle Park, N.C.

## **INFORMATION TECHNOLOGY EQUIPMENT**

### **ITE: Designing for Compliance to UL 60950-1, 2nd Edition, CAN/CSA-C22.2 No. 60950-1-07; 2007 and IEC 60950-1, 2nd Edition; 2005**

April 6-7 – Research Triangle Park, N.C.  
April 21-22 – Toronto, Ontario  
June 29-30 – Northbrook, Ill.  
September 15-16 – Brea, Calif.

## **INTERNATIONAL CERTIFICATION / MARKET ACCESS**

### **Globalability: The Key to International Compliance**

March 16-17 – Research Triangle Park, N.C.  
June 15-16 – Hartford, Conn.  
August 24-25 – Northbrook, Ill.  
November 10-11 – Toronto, Ontario

### **The CE Marking: Strategies for European Compliance**

February 9-10 – Orlando, Fla.  
May 26-27 – Northbrook, Ill.  
September 28-29 – Brea, Calif.

## **LIGHTING**

### **Designing for Compliance to UL 1598: Electric Luminaires**

March 23 – Princeton, N.J.  
June 1 – Northbrook, Ill.  
August 3 – Montreal, Quebec  
September 14 – Research Triangle Park, N.C.  
October 5 – Camas, Wash.

### **UL 153: Portable Electric Luminaires**

March 16 – Research Triangle Park, N.C.  
May 4 – Northbrook, Ill.

## **LIGHTNING PROTECTION**

### **Lightning Protection Installation Standard Review**

February 16-17 – Orlando, Fla.  
May 11-12 – Denver, Colo.  
July 20-21 – Philadelphia, Pa.  
August 17-18 – Research Triangle Park, N.C.  
October 12-13 – Northbrook, Ill.  
November 9-10 – Dallas, Texas

## **MEDICAL**

### **510(k) Process for Medical Devices**

February 22-23 – Orlando, Fla.

### **Auditor/Lead Auditor Training for ISO 13485**

February 8-12 – San Francisco, Calif.  
March 1-5 – Boston, Mass.  
March 22-26 – Minneapolis, Minn.

### **Design Control Concepts and Implementation**

February 25-26 – Orlando, Fla.

### **Designing for Compliance to IEC 60601-1, 2<sup>nd</sup> Edition**

March 3-4 – Northbrook, Ill.  
May 26-27 – Hartford, Conn.  
September 22-23 – San Jose, Calif.

### **Designing for Compliance to IEC 60601-1: Transition to the 3<sup>rd</sup> Edition**

April 21 – Northbrook, Ill.  
August 10 – Brea, Calif.  
November 9 – Research Triangle Park, N.C.

### **FDA Quality System Inspectional Techniques**

February 12 – Edison, N.J.  
March 19 – Minneapolis, Minn.



## **MEDICAL CONTINUED**

### **Internal Auditor Training for ISO 13485**

February 22-24 – Orlando, Fla.  
March 29-31 – Minneapolis, Minn.

### **NFPA 70/99 Healthcare Electrical Systems**

March 23-24 – Camas, Wash.  
April 14-15 – Northbrook, Ill.

### **Process Validation Principles and Protocols**

March 8-9 – Boston, Mass.

### **Risk Management for Medical Devices: Compliance with ISO 14971**

August 3 – Northbrook, Ill.

### **Risk Management and Analysis for Medical Devices**

March 10-11 – Boston, Mass.

### **Sterilization of Medical Devices**

February 24-25 – Orlando, Fla.

### **Understanding an ISO 13485 Quality Management System**

February 10-11 – Edison, N.J.  
March 17-18 – Minneapolis, Minn.

### **Understanding FDA's Medical Device Quality System Regulation**

February 8-9 – Edison, N.J.  
March 15-16 – Minneapolis, Minn.

## **PHOTOVOLTAICS**

### **National Electrical Code for Photovoltaics**

April 29 – Research Triangle Park, N.C.  
July 27 – San Jose, Calif.  
November 18 – Dallas, Texas

### **Photovoltaics: UL 1703 Construction (Day One)**

February 23 – Dallas, Texas  
May 25 – San Jose, Calif.  
September 28 – Research Triangle Park, N.C.

### **Photovoltaics: UL 1703 Performance (Day Two)**

February 24 – Dallas, Texas  
May 26 – San Jose, Calif.  
September 29 – Research Triangle Park, N.C.

### **Photovoltaics: Comparison Review of IEC 61730 versus UL 1703 (Day Three)**

February 25 – Dallas, Texas  
May 27 – San Jose, Calif.  
September 30 – Research Triangle Park, N.C.

### **Photovoltaics: Overview of UL 1703 and IEC 61730 (Bundled Package)**

February 23-25 – Dallas, Texas  
May 25-27 – San Jose, Calif.  
September 28-30 – Research Triangle Park, N.C.

## **PLASTICS**

### **Plastics: Specifying and Evaluating Materials for Electrical, Electronic and Mechanical Applications**

March 23-24 – Research Triangle Park, N.C.  
May 12-13 – Toronto, Ontario  
August 25-26 – Northbrook, Ill.

### **Plastics: Specifying and Evaluating Materials for Use in Photovoltaic Module Applications**

June 16-17 – Research Triangle Park, N.C.

## **QUALITY MANAGEMENT – ISO STANDARDS**

### **Internal Auditor Training for ISO 9001:2008**

March 10-12 – Dallas, Texas

### **ISO 9001:2008 Certified Auditor/Lead Auditor Training**

February 22-26 – Phoenix, Ariz.  
March 15-19 – Edison, N.J.

## **SIGNS**

### **Electric Signs: Designing for Compliance to UL 48**

February 23 – Research Triangle Park, N.C.  
April 6 – Providence, R.I.  
May 25 – Flushing, N.Y.  
August 17 – Dallas, Texas  
October 26 – Northbrook, Ill.  
December 1 – Brea, Calif.

## **TEST, MEASUREMENT AND LABORATORY EQUIPMENT**

### **Test, Measurement and Laboratory Use Equipment: Designing for Compliance to UL 61010-1**

March 2-3 – Research Triangle Park, N.C.  
April 13-14 – Toronto, Ontario  
May 12-13 – San Jose, Calif.  
October 6-7 – Research Triangle Park, N.C.