

# ONLINE TRAINING

## COMPLIANCE VERIFICATION: PITFALLS OF AUDITING

**ONLINE - MARCH 27, 2012 • 11:00 A.M. EASTERN TIME**

### **COMPLIANCE VERIFICATION: PITFALLS OF AUDITING**

**March 27, 2012 • 11:00 a.m. Eastern Time • Course Length - One Hour.**

**Instructor:** Ginger Hansel, Dangelmayer Associates, L.L.C.

Accurate data is the foundation of effective ESD Program Management. Therefore, it's important to have confidence in the measurements. Choosing the correct type of equipment for each measurement is also important and not always obvious.

The class will cover the correct use of static locators, resistance meters, event detectors, and how to use ionizers effectively. We will discuss the various pitfalls of commonly used instruments, and the invalid test results that can result. For instance, static locators can yield totally invalid readings when used incorrectly due to voltage suppression. What you learn will help you avoid frequently encountered auditing problems, and improve your compliance verification program.

Questions can be submitted in advance to be answered as part of the course. Email your questions to [info@esda.org](mailto:info@esda.org), please specify "Online class question-Compliance Verification-Pitfalls of Auditing" in the subject line.

#### **About the Instructor**

Ginger Hansel joined Motorola's Semiconductor Products Sector in 1981 as a Test Process/Equipment Engineer to analyze and improve manufacturing operations. She founded and led the manufacturing ESD control team that trained, audited, qualified materials, and established innovative solutions throughout the semiconductor sector. Under her leadership, the team reduced a 40% failure rate in one test operation to almost zero through the targeted introduction of specific ESD control materials and ESD awareness training. Ginger brought ESD awareness to her other roles as Engineering Section Leader, Technical Training Manager, QA Engineer, Business Metrics Engineer, Data and Document Control Manager, Program Manager and Technical Product Marketing Manager. In 2004, Ginger retired from Motorola/Freescale and joined Dangelmayer Associates as Director of Marketing and Program Management.

Since 1982, Ginger has been a member of the ESD Association. She was President in 1992 and 1993, and served on the Board of Directors (1988-93, 1996-01, 2010-2012), Steering, Technical Program, Standards, Education and other committees. She is currently the Business Unit Manager for Education. Ginger initiated the iNARTE ESD Certification program in 1992 and is a certified ESD Engineer. She also serves on the board of directors for the Texas ESD Association.

Ms. Hansel earned a BS in Natural Sciences (Psychology) and a BS in Electrical Engineering Technology, both from the University of Houston. She received her MBA (Executive Option II program) from the University of Texas at Austin.

#### **Equipment Requirements**

This course uses a multi-way audio broadcast over the Internet. You will need a soundcard and speakers (a headset is recommended) installed to hear the presenter during the course.

**Attendees can send questions to the presenter via text chat, other interaction is not available.**

# ONLINE TRAINING

## COMPLIANCE VERIFICATION: PITFALLS OF AUDITING

ONLINE - MARCH 27, 2012 • 11:00 A.M. EASTERN TIME

### Registration Form

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Street: \_\_\_\_\_ City: \_\_\_\_\_

State/Province: \_\_\_\_\_ Country \_\_\_\_\_ Zip/Postal Code: \_\_\_\_\_

Is Address (please circle the one that applies) Home or Company

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

<b>Cost</b>	members	non-members
	\$95.00	\$140.00

**Registration is requested by March 13st to guarantee course scheduling  
Registrations will be accepted until March 26th**

Refunds will not be given for cancelations. In the event of a cancelation, credit will be given to attend an archived class or a different online class.

### Payment Information

Payment is required at time of registration. Only checks drawn in U.S. currency on a U.S. bank that is a member of the Federal Reserve will be accepted; make checks payable to ESD Association. Visa®, Mastercard®, Discover® and American Express® are accepted.

Amount enclosed \$ \_\_\_\_\_  Check  Credit Card

Credit card type: Visa® Mastercard® Discover® American Express®

Credit card number: \_\_\_\_\_ Expiration date: \_\_\_\_\_

Name on card: \_\_\_\_\_ Security code: \_\_\_\_\_

Cardholder's signature: \_\_\_\_\_

Billing address: \_\_\_\_\_

email, fax, or mail this form with payment to:

ESD Association • 7900 Turin Rd Bld 3 • Rome NY 13440  
Phone 315-339-6937 • Fax 315-339-6793 • info@esda.org • www.esda.org

