



ESD Webinar

Class 000 Measurements and Controls*

December 8, 2009 (Note Date Change)
2:00 pm to 3:30 pm EST

www.dangelmayer.com



Speakers

World Renowned
Experts

www.dangelmayer.com



Ted Dangelmayer,

Join us on December 8, 2009 (note date change) at 2:00 pm EST for this 90 minute highly interactive Webinar and learn how to prepare for the inevitable trend towards ultra-sensitive components (Class 0, 00, 000) and about the wide spread lack of understanding regarding CDM (Charged Device Model). It is no longer business as usual and it can take up to two years to prepare.

Advanced auditing techniques and measurements will be discussed as well as innovative control methods for manufacturing. A case study will be presented which illustrates cost effective improvement that eliminated yield losses as high as 22%.

This Webinar forum enables two-way discussions with the presenters as well as group interaction. Don't miss out on this exciting educational opportunity and come prepared

BSEE
President & CEO



Terry Welsher, PhD.
Sr. Vice President

with questions.

* Definitions:

Class 0: Withstand Voltages < 250 volts HBM or CDM

Class 00: Withstand Voltages <125 volts HBM or CDM

Class 000: Withstand Voltages <50 volts HBM or CDM

Outline:

- Introduction to Class 000 Devices
- MR Head Lessons Learned
- Process Analysis Strategy
- Advanced Measurement Techniques
- Advanced Considerations for Class 000
 - Electrical Noise
 - Floating device dilemma
- Advanced Countermeasures for Class 000
- Application/Case Study

Best Regards,
Ted Dangelmayer

WHO SHOULD ATTEND

This tutorial is intended for professionals who have a basic understanding of ESD but are not fully aware of CDM control techniques or how to successfully handle Class 000 ESD sensitive devices.

THE WEBINAR FORMAT

A live Webinar is one that you can "attend" and participate in right from your office. The savings are significant - no travel time or hassle and no travel expense. It's easy; you only need a telephone and access to the Internet.

The audio portion is delivered over the telephone for reliable and clear sound quality. At the same time, you will be able to view the speakers' Power Point presentation via the Internet as they talk.

The Webinar is also interactive so you will be able to ask

questions of the speakers and provide comments during the course of the program. Questions may be submitted prior to the Webinar by e-mail to Vicki Dangelmayer - Vicki@Dangelmayer.com .

WEBINAR INFORMATION

Date: December 8, 2009

Time: 2:00 pm to 3:30 pm EST

Dial-in instructions as well as the URL address for accessing the Webinar will be e-mailed to you one week before the program.

WEBINAR FEES

\$235 per registrant

Please note: Your registration entitles you to one telephone connection and one computer connection at one physical location. Any transmission, retransmission, or republishing of the audio or web portion of this program is strictly prohibited. International registrants may incur additional phone charges.

WEBINAR SLIDES - pdf of presentation slides via email.

\$295 for Webinar registrants

\$395 for non-registrants

CANCELLATION:

Email requests for cancellation may be made to Vicki Dangelmayer Vicki@dangelmayer.com until December 2, 2009. Registrants will receive a full refund, minus a \$50 cancellation fee. No refunds will be provided after December 2, 2009.

FOUR WAYS TO REGISTER:

Phone - 1-978-283-5156 to order with a credit card

E-mail - Complete and email the attached registration form to Vicki@dangelmayer.com

Fax - Complete and fax the attached registration form to 1-

978-282-4884

Mail - Complete and mail attached registration form to:

**Dangelmayer Associates, L.L.C.
14 Butternut Lane
Gloucester, MA 01930**

All registrations must be prepaid and in U.S. Dollars prior to the Webinar.

Registration Form:

Webinar Date: December 8, 2009

Webinar Time: 2:00 pm to 3:30 pm EST

Name: _____

Title: _____

Company: _____

Mail Stop: _____

Address: _____

City: _____

State: _____ Zip: _____

Phone: work _____ home _____

E-mail: _____

Fax: _____

Preferred method of contact:

Phone _____ E-mail: _____ Fax: _____

Credit Card ☐ Visa ☐ Master Card ☐ Amex

Card # _____

Expiration Date _____ Security Code _____

Billing Address _____

Name on Card _____

Please make check payable to:

Dangelmayer Associates

Mail to: 14 Butternut Lane

Gloucester, MA 01930

Thank you!

Vicki Dangelmayer

Vice President of Sales

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Detach and retain for your records

Contact:

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	<p>_____ \$235 per Webinar registrant</p> <p>_____ \$295 per Slide Set for Webinar registrants</p> <p>_____ \$395 per Slide Set for non-registrants</p> <p>Total Amount Paid: _____</p> <p>Date paid: _____</p> <p>Check #: _____</p> <p>Received from: _____</p> <p>Company name: _____</p>
	<p>Vicki Dangelmayer vicki@dangelmayer.com</p> <p>Dangelmayer Associates 14 Butternut Lane Gloucester, MA 01930</p>