

December 3-4, 2018

**FC340: ESD Program Development and Assessment
(ANSI/ESD S20.20)**

December 5th 2018- Optional Program Manager Exam

EOS/ESD Association, Inc., 7900 Turin Rd. Bldg. 3, Rome, NY 13440, USA

Lunch and refreshments provided

FC340: ESD Program Development and Assessment (ANSI/ESD S20.20)

Kevin Duncan, Seagate Technology;
Dave Swenson, Affinity Static Control LLC
Certification: PrM

This seminar provides instruction on designing and implementing an ESD control program based on ANSI/ESD S20.20. The course provides participants with the tools and techniques to prepare for an ESD facility audit. This two-day course is an ESDA certification requirement for in-plant auditors and program managers who are working toward professional ESD certification.

The following topics are covered in this course:

- Overview of ANSI/ESD S20.20
- How to approach an assessment
- Administrative elements
- ESD program assessment
- ESD program techniques for different applications
- Technical elements
- Overview of the assessment process
- The audit checklist and follow-up questions



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About the Instructors:

Kevin Duncan is currently the Corporate ESD Program Manager for Seagate Technology located in Bloomington, MN; where he has been actively involved in ESD at Seagate since 2005. He is responsible for controlling factory level ESD processes in the ultra-sensitive Slider, head gimbal assembly (HGA), head stack assembly (HSA), and drive manufacturing, as well as research and development locations. Kevin has been a member of the ESD Association since 2000 and is currently a member of the standards committee. He serves as the working group chairman for WG 3 – Ionization, and participates in several other working groups. Kevin has also been presented with the Joel P. Weidendorf award for recognition of his significant contributions, service, leadership, and achievements in the field of EOS/ESD standards development. Kevin is a technical expert of the United States National Committee, where he represents the United States participating in International Electro-technical Commission (IEC) Technical Committee 101 – Electrostatics. He currently serves as convener of maintenance teams 7 - Ionization and 9 - Flooring. He is an ESD certified professional program manager and an iNARTE certified ESD engineer.

David E. Swenson retired in 2003 after 35 years of service from 3M. While at 3M he had responsibility for new packaging material development and application, training of 3M personnel worldwide and providing application assistance to users of static control products globally with particular emphasis on Asia Pacific and Japan. Dave and his wife Geri established a new company, Affinity Static Control Consulting, LLC in 2003.

Dave has been a member of the ESD Association since 1984 and has served in many capacities including 1997 Symposium General Chair and president of the Association in 1998 and 1999 and again in 2008 and 2009. He was re-elected to the Board of Directors for a 5th term from 2014 to 2016 and is currently appointed to the Board to assist with technical inquiries. Dave was presented with the highest award of the ESD Association, the "Outstanding Contributions Award" in 2002, the Standards Committee "Joel P. Weidendorf Memorial Award" in 2004 and the Association "Edward G. Weggeland" Memorial Award in 2014. He is a member of the Standards Committee serving several Working Groups and the ANSI/ESD S20.20 Standard Task Team. Dave also serves as Treasurer and Information Liaison of the Texas Chapter of the ESD Association; he is a member of the Electrostatic Society of America, IMAPS, the UK Institute of Physics and is a US Expert to IEC TC101, Electrostatics. In addition, he is the convener of Joint Working Group 13 between TC101 and TC40 (Capacitors and Resistors).

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First Name: _____ Last Name: _____

Company Name: _____

Street: _____ City: _____

State/Province: _____ Country _____ Zip/Postal Code: _____

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

Phone: _____ E-mail: _____

Course Selection

FC340: ESD Program Development and Assessment \$1,610 / non-members \$1,710
(ANSI/ESD S202.20)

Register before October 19, 2018 \$1,510 / non-members \$1,610

Professional Program Manager Certification Exam \$60
(Optional December 4, 2018)

NOTE: You must initiate an official file in your name at EOS/ESD Association, Inc. headquarters, and complete all pre-requisite courses to be eligible to take the exam.

Cancellation & refund requests will be honored only if received in writing no later than October 19, 2018, and are subject to a \$50 fee. Any other approved dispositions will also be assessed a \$50 fee.

Register Online: <http://www.cvent.com/d/1tqh8b>

Other forms of payment Contact:

EOS/ESD Association, Inc.

info@esda.org

Phone: +1 (315) 339-6937

Accommodations:

The Inn at the Beeches

7900 Turin Road (Route 26N)

Rome, NY 13440

Phone: 315-336-1775 Fax: 315-339-2636

Email: thebeeches@cnysip.com

www.thebeeches.com

(walking distance to class)

Setting the Global Standards for Static Control!

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