

P R O M O T I O N S - A C T N O W !

**If You Use ESD Floor Finish,
Take the Statguard® Challenge**

Order your floor now - offer expires February 15th



Just let us know the quantity of material that you need, and we'll provide it to you at no charge. Click **HERE** to learn how.

The Freight is on US!

Order your mat now - offer expires February 28th



Purchase Statfree® matting and we will pick up the freight. Click **HERE** to learn how.

Statguard® Floor Care & Maintenance

Reducing Floor Maintenance Costs While Improving ESD Performance



Eliminating electrostatic charge generated on the floor is a key place to start any ESD control program. Electrostatic charges start to build up on people and mobile equipment as they walk or move around. As more and more companies are working with electronic components, employees and mobile equipment are challenged to keep up with the ever-changing technology.

Controlling static from the floor up should begin with Statguard® dissipative floor finish. Desco's Statguard® Dissipative Floor Finish converts most hard floors to ESD protected flooring and removes electrostatic from conductors (including people) with ESD footwear.



Statguard® is non-tribocharging and protects against charge generation well below the 100 volt limit, meeting ESD STM-97.2 charge generation from mobile operators. It also provides an alternate ground per ANSI/ESD-S20.20 meeting the ESD STM 97.1 35 x 10⁶ ohms requirement. Typical performance of Statguard® Floor Finish will maintain voltage generation below 25 volts.



Continued on page 2

With 18% solids, it is easy to apply. Its cross-linked polymer produces beautiful high-gloss, long lasting, durable finish. And Desco's Statguard® Floor Finish is made in America and offers a superior warranty. For complete details, visit:

www.desco.com/catalog/10510.htm

To read about Desco's Statguard® Floor Finish in action, click "[Reducing Floor Maintenance Costs While Improving ESD Performance](#)" published in the October 2002 issue of Evaluation Engineering.



Have you read the [Conformity Magazine](#) article "Use ESD Control Products Correctly Or You Can Do More Harm Than Good - A Comprehensive Program Is Required For Effective ESD Control" by Gene Felder and Fred Tenzer of Desco Industries? You can view the article by clicking [HERE](#).

Test Surface Resistance with Desco Surface Resistance Test Kit

It is recommended to test the surface resistance of your Statguard® floor periodically to ensure that insulative contaminants such as dirt and grime are not building up on the surface. The surface should be kept clean. Testing either point to point resistance (RTT) or resistance to ground (RTG) will indicate if the floor finish needs surface maintenance.

If the surface is clean with high resistance readings, this indicates that the floor finish is becoming thin and in need of replenishing its solids. These solids are worn away over time due to floor traffic. Hence, the high floor traffic areas will need more frequent maintenance than low traffic areas.

Desco recommends EOS/ESD-S7.1 test method using the Surface Resistance Test Kit for both RTT and RTG testing. The Desco 19780 Surface Resistance Test Kit will provide all equipment necessary to test in accordance with the EOS/ESD standard. The 19780 Surface Resistance Test Kit is a portable, accurate, and versatile instrument to measure RTG and RTT in accordance with ANSI EOS/ESD S4.1 & S7.1. It also measures ambient temperature and relative humidity when required for test records. It is easy to use and read using the color coded LED and digital LCD read-outs.

Additional features also include:

- Resistance exponent LED illuminates immediately for quick checks.
- Full S4.1 electrification period and accurate for test lab use.
- Meter will test at 10 volts and automatically switch to 100 volts if over 10^5 ohms.
- Measure ESD worksurfaces, floor, footwear, smocks, or workstations.

For complete information, please visit: www.desco.com/catalog/19780.htm



Eight Desco Employees are NARTE ESD Control Certified

NARTE ESD certification is designed to foster technical competency and technological excellence. Endorsed and supported by the ESD Association, actual certification and program administration is done by the national Association of Radio and Telecommunications Engineers (NARTE), an independent, third party organization with broad experience in technical certification programs. Eight Desco employees are NARTE certified ESD Control Engineers or ESD Control Technicians.

Meet NARTE Certified Fred Tenzer



Fred Tenzer is the Midwest Regional Sales Manager for Desco. He has been involved with ESD Control since 1979 and is a founding member of the ESD Association. Mr. Tenzer has been actively involved in the development of ESD Control Standards since 1982 when the ESD Association formed the first Standards Committee and published their first Standard in 1987 - Standard For Protection of Electrostatic Discharge Susceptible Items: Personnel Grounding Wrist-Straps. He has held numerous leadership positions as part of the ESD Standards Committee and Secretary of the EIA's PEPS (Packaging of Electronic Parts for Shipment) Committee, original authors of the 541 packaging document. Currently, Mr. Tenzer is an active member of ESDA Standards Committee and a member of TAS (Technology and Administrative Support) that oversees the individual working groups of the ESDA Standards Committee.

Mr. Tenzer is a NARTE certified ESD Technician. He obtained his B.S. in Business Administration and M.B.A from Arizona State University. Email: fred.tenzer@desco.com

Is There Anyone in Your Company Who is not Receiving the Desco Gazette Who Should Be?

Sign them up and Receive a FREE ESD Awareness Guide Booklet



For each new name we receive, we will send you a ESD Awareness Guide. The Awareness Guide is an illustrated, 20 page booklet covering the basics of ESD control and includes two quizzes.

To sign up any ESD related co-worker, simply send us their name, title, and e-mail address. We will then send you your ESD Awareness Guide at absolutely no charge to you. To sign up please send information to newsletter@desco.com.