

Electrostatic Sensitive Discharge (ESDS) – 1 Day

Introduction

The primary goal of this training is to focus your understanding on the requirements of the organization to manage effectively Electrostatic Discharge Sensitive components and devices.

The age of electronics brought with it new problems associated with static electricity and electrostatic discharge.

As electronic devices became faster and smaller, their sensitivity to ESDS increased.

Today ESDS impacts productivity and product reliability in virtually every aspect of today's electronics environment.

Who is this course for?

Electrostatic Discharge Sensitive (ESDS) Training is essential for all aviation avionics personnel, as well as anyone in the supply chain with responsibility to handle ESDS Parts and packaging materials

What is the Benefit of this Training – What will I learn?

The primary goal of this training is to focus your understanding on the requirements of the organisation to manage effectively Electrostatic Discharge Sensitive components and devices.

- a) How to Assess ESDS Compliance
- b) Be able to Create ESDS Procedures
- c) Manage & Control ESDS Packaging Materials
- d) Understand the use of ESDS Testing Equipment and Verification Procedures

tel + 359 2 821 08 06
email office@sassofia.com

www.sassofia.com

Date

Category

Personal Development

Venue

Level

Price

Why Should I choose SAS for the training?

Sofema Aviation Services is a Regulatory Training and Consulting company with 45 years of commercial aviation experience and 10 years operational experience. Since the start we have provided certificates to approx 25,000 delegates and we have grown for 2 primary reasons!

The first is that we are professional and we listen to our customers.

The second reason is a combination of outstanding course fees, together with a world beating discount program which leaves our competitors way behind – please do not take our word for it, [check it out!](#)

What Makes SAS Electrostatic Sensitive Discharge-ESDS – 1 Day Training Different?

Because our courses are written by people who have lived through the regulations. The author of the training material has more than 25 years' experience as an auditor across the entire regulatory spectrum.

At Sofema Aviation Services our focus is on accepting that compliance with Regulations is in fact minimum compliance. Interpreting the regulations in a way which enables the development and optimisation of our business is where we should see opportunity to drive efficiencies and cost saving.

Detailed Content / Topics - The following Subjects will be addressed

- Introduction
- More About Static
- What is ESDS – Definition and causes of ESD occurrences

Differences between Electro Static Discharge (ESD) and Electrical Over-Stress (EOS)

ESD Failure Conditions

ESD Identification

ESD prevention and control within the Facility

- Grounding and Bonding system,
- Personal Grounding,
- Packaging Plan & Packaging
- Marking

Materials and equipment used in the ESD protection system

- Air ionizer
- ESD Table mat
- ESD flooring
- ESD chair
- ESD Clothing
- Wrist Strap & Wrist strap and workstation monitor

ESD Design and General Principles – Grounding – Shielding & Charge prevention

- Storage Conditions Regulatory Requirements
- Handling of ESDS Devices
- ESDS Work Stations
- ESDS Procedures
- ESDS The Current Position
- Summary
- Testing

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Target Groups

This course will be of significant benefit to people working on handling of Electronic components to ensure that damage does not occur from mishandling of the component.

Pre-Requisites?

A background in an aviation environment is an advantage although not essential.

Learning Objectives

By the end of this course, delegates will be able to deliver effective management Electrostatic Discharge Sensitive components and devices

What do People Say about Sofema Aviation Services Training?

"This training offers very good explanations of difficult topics."
"All aspect were useful, the examples were great."
"This training helped me to develop some new skills."
"The instructor is very resourceful and intelligent."
"Having a visual material helps a lot the learning process."

Duration

1 day – Start at 09.00 and finish at 17.00 with appropriate refreshment breaks.

To register for this training, please email office@sassofia.com or Call +359 28210806



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