# SCS

## EOS/ESD Assessment

# Is your ESD Program Working? Let us Verify it...

**SCS EOS/ESD Assessments help identify if electrical overstress (EOS) or ESD events are occurring in your ESD Control Process. Tests and measurements can be performed throughout your entire process:**

- **Receiving**
- **Tool crib**
- **Automated insertion**
- **Manual insertion**
- **Final assembly, testing, QC and packaging.**

***Pick & Place***

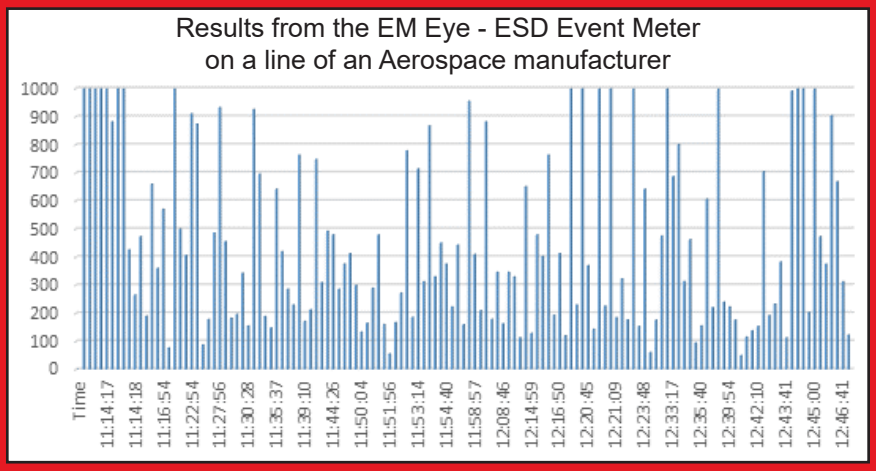
### Our Assessment Measures:

- **ESD Events**
  - Counts the Events during a given time period
  - Shows the magnitude of the event and will provide actual data
- **Electrical Overstress (EOS)**
- **Ground Integrity**
- **And More...**

# Measure events throughout the entire process...

### Examples of actual feedback from a SCS EOS/ESD Assessment Report:

- Two ESD events stronger than 50 volts CDM were observed at tool #5
- An ESD event of 527 volts was detected at 2:23PM between the fluxer and wave solder machine
- Bench 12 soldering iron is introducing more than 300mV of electrical overstress into the board, exceeding the recommended limit by IPC-A-610E




Traditional ESD surveys have been around for years but no longer keep pace with the current demands in electronics manufacturing. The SCS EOS/ESD Assessment goes beyond the typical survey to help you identify and address both EOS and ESD problems. During an SCS EOS/ESD Assessment we provide quantifiable data to allow you to make improvements to your ESD process by sampling select areas in your facility and provide a written Assessment Report that will include numeric findings, gaps between the program and industry standards ANSI/ESD S20.20 and IPC-A-610E, references to best practices, and recommendations for improvements.

**Contact your SCS Local Representative today for information about scheduling an SCS EOS/ESD Assessment of your facility at no charge.**

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