

STI Electronics, Inc.
Contact: David Raby
President & CEO
261 Palmer Road
Madison, AL. 35758
Phone: 256-461-9191
Fax: 256-461-9566
www.stiusa.com

FOR IMMEDIATE RELEASE



Mark McMeen

VP Engineering Services/Manufacturing

*“Designing Reliable Electronics in Accordance with IPC
J-STD -001 Rev. H Section 8 Cleanliness”*



March 11, 2021



Don't Miss the APEX Presentation: Designing Reliable Electronics in Accordance with IPC J-STD-001 Rev. H Section 8 Cleanliness

Madison, AL - February 2021 - STI's Mark McMeen, VP, Engineering Services/Manufacturing, will co-present, ***Designing Reliable Electronics in Accordance with IPC J-STD-001 Rev. H Section 8 Cleanliness***. The APEX Professional Development Course presentation will take place during the Virtual IPC APEX EXPO on Thursday, March 11, 2021 from 2-5 p.m. CST.

IPC J-STD-001H Section 8.1 defines a “Qualified Manufacturing Process.” Unless otherwise specified by the User, the Manufacturer shall [N1D2D3] qualify soldering and/or cleaning processes that result in acceptable levels of flux and other residues. This PDC course will teach attendees how to qualify, validate and control production assemblies that result in acceptable levels of flux and other residues. The course will focus on the following design considerations:

- Component Considerations
- Printed Circuit Board Design Options
- Materials Characterization
- Process Control
- Selective Soldering / Wave Soldering / Rework

This course is targeted to the individual(s) in a manufacturing organization tasked with generating cleanliness data validation packages for J-STD-001 or similar manufacturing specifications or controlling the residue levels of a manufacturing process.

Mr. McMeen joined STI Electronics Inc. in July 2000. Prior to joining STI, he was Vice President of Engineering and Technical Director for Component InterTechnologies, Inc. McMeen currently oversees the daily operations of the Engineering Services division of STI, which incorporates four entities: Analytical Lab, Engineering, Prototype and Manufacturing and Microelectronics Lab. He has more than 30 years of experience in the engineering and manufacturing of PCB assemblies, both flexible and rigid, as well as in the manufacture of electronic assemblies.

McMeen currently holds two co-patents in the fabrication of flexible circuit boards and the processes necessary to imbed integrated circuits inside rigid printed circuit boards. He also is one of the co-inventors of the Magnalytix commercially available SIR test equipment (Magnalytix is a joint venture between STI Electronics and KYZEN).

About STI Electronics, Inc.

Since 1982, STI Electronics, Inc. (STI) has been the premier full-service organization for training, consulting, laboratory analysis, prototyping, and contract PCB assembly in the electronics industry. STI also produces a complete line of solder training kits and training support products. For more information, visit <https://stiusa.com/>.