

Investing in Quality Workmanship

Certifying workers to IPC 610 & 620 ensures a high and consistent standard of quality in the circuit boards, cables and high level assemblies we produce.

IPC-A-610 is the international standard for circuit board assembly. IPC-A-620 is the international standard for cable harness and mechanical assembly. Together, the IPC standards are guidelines and requirements for quality developed by and through consensus within the electronic manufacturing industry. By making the IPC standards “our standards”, The Coghlin Companies provide customers with a high degree of confidence in the quality and reliability of the products we manufacture for them.

Quality is the top priority at Columbia Tech. In keeping with our commitment to continuous improvement, we seek out the best ways to standardize and measure our performance. IPC Professional Training and Certification prepares our assemblers with the appropriate knowledge to achieve high standards of workmanship that meet or exceed all customers’ requirements.

IPC Training and Certification also provides our assemblers the skills and knowledge necessary to:

- Know the standard for workmanship for the product and how to apply it
- Understand acceptance/rejection criteria
- Maintain their proficiency through continuous testing and certification

Investing in Workmanship

Nearly all products manufactured by Columbia Tech contain circuit boards, cables and harnesses. The desire for quality, consistency and reliability must be thought of as universal. Recognizing that the IPC standards are recognized and highly regarded internationally, Columbia Tech decided to adopt key IPC standards as our own.

“Adopting IPC 610 and 620 was a major commitment for our organization,” states Chris Coghlin, President of Columbia Tech. “We now have a Certified IPC trainer on staff who continuously certifies and recertifies existing technicians and will continue to train and certify new QC and Assembly associates when they are hired.

Investing in Our People

“Our technicians appreciate the opportunity to improve their skills and receive the IPC credential for their efforts,” notes Columbia Tech’s Manager of Quality Inspection. “We have observed a further commitment to quality workmanship since the inception of IPC training. When you see people framing and hanging their certificates at their workstations, you know the training is meaningful.” Internal non-conformance metrics have improved dramatically since the program began, saving our company and our customer time and money.

Confidence in an International Standard

Columbia Tech is qualified to manufacture systems and assemblies to every class of product covered under the IPC standard. Columbia Tech also adheres to IPC Class 2 and IPC Class 3 standards which enables us to manufacture high performance medical and military devices. IPC Class 3 is the highest product classification within IPC.

Choosing the Right Manufacturing Partner

Making the right manufacturing partner selection is critical to the overall success of your product launch. Our goal is to do our part in making your product launch a positive and lasting one.

We invite you to bring us your next manufacturing opportunity. Let us show you around and point out the numerous reasons why seeing is believing when it comes down to demonstrating a commitment to quality. We won’t just show you our ISO registration; we’ll introduce you to our people - the IPC-certified technicians who will assemble your products the only way they know how: to the IPC Standard.

Please call Nora Leonard at 508.929.4619 or Email: noraleonard@columbiatech.com today!

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