A few years ago, one of our large medical customers required that our Cable and Wire Harness Assembly manufacturing processes conform to IPC/WHMA-A-620 Class 2, or a higher-level standard, and that expert auditors should be used to validate our capability. It was then that we first became aware of the MedAccred program and what it could do for SINBON Electronics.

Prior to MedAccred, we handled process control by undertaking routine internal reviews and those administered by our customers. As we entered the MedAccred accreditation process, we conducted an internal review of the MedAccred Cable and Wire Harness audit criteria and built a dedicated team to help us prepare over a six-month period.

To meet the rigorous MedAccred Cable and Wire Harness requirements we made several adjustments to improve our internal process controls. For example, the lighting condition of the factory was improved to meet the IPC 620 standard. We also certified our personnel to meet IPC 620. Prior to MedAccred, we only trained operators and inspectors with an internal coach using internal standards and personnel. We now use trained operators and inspectors in line with IPC 620 and consistent with industry requirements. In addition, we used the IPC standard to create work instructions and ensured that maintenance and calibration of all production equipment was implemented in such a way as to ensure consistent performance.

Since the MedAccred audit, SINBON has seen...

- Reduction from 500 to 300 defective parts per million for one customer
- Increased awareness from new medical customers
- Growth in business
- Gained new knowledge of the Cable and Wire Harness process

SINBON Electronics

SINBON Electronics, based in China, was founded in 1989, and is a leading solution provider of electronic component integration design and manufacturing, offering an extensive range of value-added services to their customers in medical health, automotive, green energy, industrial applications, and communications.