

Lazer-Tech achieves trio of benchmarks 40th Anniversary, MIL-PRF certification, new equipment purchase

For a pioneer and one of the longest-standing printed circuit board (pcb) players in Canada, Toronto-based Lazer-Tech Ltd. certainly isn't showing its age.

If anything, while celebrating its 40th anniversary this year, the specialists in quick-turn multi-layer; high mix, low to medium volume PCB's has re-invested in its production equipment, while managing the hurdles required to gain MIL-PRF-55110 certification from the Department of Defense in the United States. The firm is also RoHS compliant and is equipped to manage a broad array of substrates such as Rogers RF, Arlon and Polyimide exotic materials.

"The designation of MIL-PRF-55110 certainly puts us on the map as a player in the MIL/Aero sector," says Stephen Hazell, quality assurance manager. "We are capable of processing pcbs with high layer counts with 3 mil space and trace; not to mention blind and buried via holes up to 20 layers."

In addition, the firm also successfully completed the Controlled Goods Program (CGP), permitting possession or transfer of controlled goods in accordance with the Defense Production Act.

Lazer-Tech's ISO 9001:2000 facility has successfully passed the Schneider Electric SSQM Audit process for both logistics and quality and is now on the select 'green status' list in the Schneider approved vendor program.

Lazer-Tech seeks to grow and expand its market share in the MIL/Aero space sector, which presently comprises of 20% of its overall business, next to OEM (40%) and CEM (40%).

"The service level delivered to the customer is critical," says Jamie Armitage, president, whose father Ken, founded the firm four decades ago. "Quality has to be a given, it's really about reaction time. We have successfully achieved a high percentage JIT delivery with our customers." The 25,000-square-foot facility employs 60, including engineering staff.

Backed by the strong Canadian dollar, Lazer-Tech has seized the opportunity to re-invest in its equipment capital, including a Genesis software upgrade, a brand-new Orbotech ultra high-speed automated laser plotter 9008-HSI; plus a print process ExpoALIGNER to automatically register photo-tools to 5 microns.

"Our business is based on relationships – we want the name Lazer-Tech to be in front of our customers for positive reasons. At the same time, we must focus on quality levels and improving our skill sets," says Armitage. "In the end, this puts us in a position that sets us apart from the rest of the industry."



Steve Hazel, quality assurance manager and Jamie Armitage of Lazer-Tech proudly display the firm's MIL-PRF-55110 certification.