

Now An AS9100 Revision D Company With The Help of Consulting Group BMSC



Cleveland Electric Laboratories (CEL) Advanced Technologies Group is pleased to announce that it successfully certified to ISO 9001:2015 / AS9100D with the help of consulting group BMSC.

The company, headquartered in Twinsburg, Ohio, will celebrate its 100th year in business next year. In 2004, it opened its Advanced Technologies Group in Tempe, AZ. Between the 2 locations, CEL

employs 115 people, and more than 1/3 of the team works in the Tempe location.

Rodger Shepherd, Vice President and head of the Tempe operations, says, “CEL opened for business servicing electric meters for the rail industry and today our primary product lines are:

- Industrial Thermocouple Products • Turbine Engine Testing & Instrumentation • Prototype and Small Batch Precision Machining • Fiber Optic Sensing Solutions.”

The company’s customers include nearly every land and aerospace turbine engine manufacturer in the world, and today they are approved to manufacture parts for both ground and flight test, up to small batch production, for their customers.

Two years ago, CEL Advanced Technologies Group acquired the machine tool assets of one of their long-term suppliers, Hamilton Industries. Rodger says, “Through this acquisition, we offer our customers precision machining and fabrication for prototype/small batch production for a wide range of industries, including aerospace, defense, semiconductor, commercial, mining and automotive. We can offer CNC machined parts up to 42” diameter, milling up to 5 axis, and we have a full suite of manual mill and lathe equipment.”

In the past few years, CEL Advanced Technologies customers suggested that they could increase the scope and volume of work they gave to the company if it were AS9100 certified. Travis Smith, Quality Assurance Manager for the company, says, “We contacted 5 or 6 precision machine shop owners/colleagues in the Phoenix area to get their input on our certification.” He continued, “Overwhelmingly, we were told to utilize a consultant to help achieve the certification. Almost unanimously, we heard ‘You don’t want to do this yourselves’”

Rodger says, “We interviewed Bretta Kelly, owner of BMSC, for our AS9100 consultant. We didn’t interview other consultants because these same precision machine shops who said we’d need a consultant, also all recommended Bretta.”

In January of this year, Rodger and the CEL Tempe team signed the agreement to work with BMSC, and in April, the company had successfully certified to AS9100 Revision D!

Rodger says, “Regardless of additional business gained, AS9100 certification was absolutely worth it. It has already made us a better company — we are more confident in the quality of our products and in the efficiency in which we



manufacture our products.”

Travis says, “The certification process was less painful than we expected. We already had so many of the processes in place — in fact, our AS9100 certification actually reduced paperwork. Our Quality Manual went from 79 pages to 13!”

“Our philosophy is to bring in experts in everything we do”, Rodger says. “I was absolutely shocked that we were able to accomplish AS9100 certification in under 4 months”, he added.

Travis adds, “It couldn’t have gone any better than it did. Bretta and her colleague Debbie Hart were outstanding. They are a well run machine, each knowing and working off the other’s strengths and weaknesses.” Rodger says that throughout the process, he would receive emails on weekends and evenings from the BMSC team. “They are so professional, knowledgeable and hard working”, he adds.

CEL Advanced Technologies Group, now certified to AS9100 Revision D, including engineering and design capabilities, is ready to take on more work. “We have capacity, we have the certification, and we excel at complex, difficult to machine metals.”

To learn more about how CEL can support your precision machined needs, contact them at 480-967-2501 or visit [clevelandelectriclabs.com](http://clevelandelectriclabs.com)

Are you ready to implement a new ISO 9001:2015 or AS9100D / ISO 9001:2015 System or simplify your current Quality Management System? BMSC owner Bretta Kelly has 20 plus years’ experience implementing and auditing quality management systems for commercial and aerospace companies. Call (602) 445-9400 or visit [BusinessMSC.com](http://BusinessMSC.com) to learn more.