



## Nelson Engineering Certifies to Newest Standard, AS9100 Revision D, With Zero 'o' Findings

There are so many ways in which Nelson Engineering differentiates itself from the typical machine shop. For one, they offer both fabrication and machining, all in house. Perhaps one of their most distinguishing capabilities is their metal spinning.

The woman owned company is FAA Certified, and has been supporting customers for more than a half century. Nelson Engineering is a small manufacturing entity that supports many Tier 1 OEMs in the aerospace industry. John Anglin, President of the company, with 20 years of tenure, says, “We support local machine shops who come to us for our welding/fabrication, including metal spinning capabilities, but the majority of our business is direct to Aerospace OEMs, including Honeywell, Boeing, Orbital and UTC, to name a few.” Just last year, the company was awarded ‘Honeywell Supplier of the Year’, quite an accomplishment since Honeywell has more than 2000 suppliers.



The team at Nelson Engineering is not afraid to take on aggressive challenges. Just 2 months ago, the company certified to the newest revision of AS9100 – Revision D. As if this wasn't enough of a challenge (they are one of the first companies in Arizona to certify to this new standard), they also completed their NADCAP accreditation simultaneously. John kids that Quality Manager Tony Garcia (17 years of tenure with Nelson Engineering) had more hair a few months ago, when he began the rigorous process of achieving AS9100 Revision D certification while working towards NADCAP accreditation!

John and Tony both admit that there are several changes that are inherent in Revision D that resulted in process changes for the company. John says, “Revision D puts more emphasis on supplier evaluations, on product safety, on protecting the company from counterfeit parts, and on such human factors as leadership accountability and employee awareness.” Despite the many changes and the tight schedule they embarked upon, Nelson certified successfully and with ‘0’ findings, an outstanding accomplishment.

Years ago, when the company first certified to AS9100, they enlisted the consulting support of BMSC, owned by Bretta Kelly. Bretta says, “Nelson Engineering had many of the processes associated with AS9100 in place already, so they were able to take advantage of my templates – thereby allowing them to prepare for certification with little help from BMSC.”

John says that he found Bretta's company through the articles in the A2Z Manufacturing magazine. He valued the fact that so many shops in the valley utilized her services. Tony says, “Bretta and her colleague Debbie Hart are so knowledgeable about the certification process – it is what they do for a living.” He added, “With BMSC, you don't feel like they are trying to catch errors (i.e. ‘Gotcha’); rather they are here to help us improve our systems.”

John adds, “As the AS9100 certification continues to evolve, it is more akin to a business system, rather than just a quality system. It touches so many dimensions of our business.” John and Tony highly recommend BMSC for customers looking to certify or to upgrade their systems to the latest revisions.

To learn more about BMSC, contact them at (602) 445-9400 or visit [BusinessMSC.com](http://BusinessMSC.com)

Nelson Engineering offers so many manufacturing capabilities to their customers, including machining and fabrication. To learn how they can help your company with superior parts, contact them at (602) 273-7114 or visit [NelsonEngineering.com](http://NelsonEngineering.com)