

Chesapeake CNC Manufacturing Center, INC

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About Me & Chesapeake CNC

- 20+ years of specialized Swiss Screw Machining
- Serving wide variety of industries: aerospace, defense, medical, firearms, commercial...
- Started in my garage with a couple machines to
- Now..
 - 17+ machines in a 45k sqft facility
 - AS9100:D, ISO9001:2015, ITAR compliant
 - Implementing **Quality!**



Quality is CRUCIAL

- Started with ISO9001 (QMS)
 - Scared to death! Too much structure, paperwork and time...
- Nope! Nearly doubled machine hours with added processes
- Then came AS9100...





Quality in Every Turn

- With QMS efforts came...
 - New critical customers
 - Tapped into profitable industries
 - Aerospace and gov't
 - Increased machine hours!
 - Low scrap rate
 - Better workflow
- Forming QMS to your business allows you NOT to be buried in paperwork!

QMS at Chesapeake CNC

AQL (acceptable quality limit) Process

Customer Ranking System (1 least critical-5 most critical)


Example:

Lockheed Martin -> ranked 5 -> 100% checked every hour -> written guided check sheets every # of sample parts

PRS Guitars -> ranked 1, -> visual check -> no required check sheets

The customized QMS = not buried in paperwork

Virtually a 0% scrap rate in QC!



Thank you! Questions?

