



PRACTITIONER COURSE · AS9102C & AS9103B · LIVE OR RECORDED + E-LEARNING

First Article Inspection & Key Characteristic Control

What SAE AS9102™C and AS9103™B actually require, clause by clause, plus the statistics that prove a process can make the part and keep making it. For quality engineers, inspectors, auditors and supplier-quality leads.

A signed FAIR ≠ acceptance

"A FAI is not a product acceptance document." — AS9102C §1.2

Any Cpk ≠ capability

No index until the process is shown to be stable. — AS9103B §4.3.2 b

A KC list ≠ KC control

Production process controls where KCs exist. — AS9100D §8.1 f

4 h

WEBINAR

10

MODULES

8

SCORED EXERCISES

2

AUDIT SCENARIOS

70%

TEST PASS MARK

90

DAY ROADMAP

1 What you will be able to do

- ✓ Plan and perform FAI to AS9102C, start to finish
- ✓ Complete Forms 1, 2 and 3 and balloon every characteristic
- ✓ Decide when to repeat an FAI: the six trigger events
- ✓ Build a 13-element control plan with a working reaction plan
- ✓ Calculate Cp/Cpk, build $\bar{X}$ -R charts, run Gage R&R, by hand and in Minitab®
- ✓ Audit both processes and classify findings with confidence

2 Why this course is different

- **Clause-level, evidence-based:** every point cited to the standard
- **Taught by a senior aerospace lead auditor**
- **Tier-1 depth, scaled for SMEs**
- **Quality-assured:** content audited against the standards before release
- **Practical:** you receive the deck, workbook and Excel data; a free Minitab® trial covers every exercise

3 How you learn — the methodology

LEARN

Structured webinar

Four hours across ten modules, live or recorded, moving from the AS9100D clauses that invoke the standards down to each requirement.

PRACTISE

Workbook + real data

Eight scored exercises, each worked twice: by hand to understand it, then in Minitab® to apply it at scale, using a 10-tab Excel data set.

PROVE

e-Learning & test

A self-paced module with quizzes, a scored test and a certificate on completion. Retake assessments until you meet the standard.

APPLY

Audit & roadmap

Two audit scenarios with classified findings, ready-to-use audit checklists, and a 30-60-90 day implementation roadmap.

4 Course modules

01	Orientation: why FAI and KC control fail	AS9100D	06	Capability studies, SPC, Nelson tests and MSA	Cp · Cpk · $\bar{X}$ -R
02	Learning objectives and run-sheet	—	07	Audit scenarios and case studies	Major / Minor
03	The IAQG standards architecture	9100 · 9145 · 9138	08	Why FAIRs are rejected	Top 10 causes
04	AS9102C: first article inspection in depth	§4.1–4.8 · App. B	09	Knowledge check	Live poll
05	AS9103B: variation management of KCs	§4–6 · App. C	10	Roadmap, recap and Q&A	30-60-90 plan

Build FAI and KC control that stands up to any audit.

Enrol today, or book a call to discuss training for your team.

qualitypractitioners.com[Training →](#)[Book a free discovery call](#)