PRACTITIONER TRAINING · LABORATORY COMPETENCE

Method Validation and Verification (ISO/IEC 17025:2017)

Self-paced online training (video) · 16 modules · about 110 min of video · about 3.5 hours in total · English, with captions

Validate non-standard and modified methods, and verify standard methods, so that every result your laboratory reports rests on a method shown to be fit for its purpose.

WHO IT IS FOR

Analysts, calibration technicians, technical managers and quality managers in ISO/IEC 17025 laboratories

WHAT YOU WILL LEARN

- Decide whether a method needs verification or validation
- Plan a validation study with fitness-for-purpose criteria set in advance
- Evaluate selectivity, working range, linearity, limits of detection and quantification, trueness, precision and robustness
- Write a validation record and report that an assessor can follow
- Keep a method valid through quality control, proficiency testing and change

MODULES (16)

1. Why fit-for-purpose methods matter
2. Verification or validation?
3. Planning a validation
4. Selectivity and specificity
5. Working range and linearity
6. Detection and quantification
7. Trueness and bias
8. Precision
9. Robustness and carry-over
10. Techniques and uncertainty
11. Verifying a standard method
12. Calibration labs
13. Records and the report
14. Keeping a method valid
15. Sector notes
16. Findings and your part

PRICE

US$99 per learner

Per learner, by team size

1–10 learners	**US$99**
11–50 learners	**US$79**
51–200 learners	**US$69**

Excluding taxes.

DURATION

About 3.5 hours in total (111 minutes of video)

MODULES

16

FORMAT

Self-paced online training (video)

LANGUAGE

English, with captions

ACCESS

12 months

CERTIFICATE

Sterling Academy Certificate of Completion

Scan for the course page, prices and enrolment