



MiChem Dynamics
LEADING CHANGE

CHEMISTRY METHOD VERIFICATION (SECONDARY VALIDATION AND UNCERTAINTY OF MEASUREMENT (BASED ON ISO/IEC 17025:2017 AND SANAS TR26) WORKSHOP

This workshop aims to give an understanding of method verification and uncertainty of measurement based on ISO/IEC 17025:2017 and additional SANAS TR26 requirements, in Chemistry laboratories in the coal, oil, petroleum, metals and minerals, food, pharmaceutical, water and related industries.



THE COURSE WILL RUN OVER A PERIOD OF 1 DAY

LEARNING OUTCOMES:

- Understand the underlying theoretical structure of method validation and verification (secondary validation) as described in ISO/IEC 17025:2017.
- Understand the theory behind the implementation of accreditation requirement SANAS TR26 Criteria for Validation of methods used by chemical laboratories in the coal, oil, petroleum, metals and minerals, food, pharmaceutical, water and related industries.

WHO SHOULD ATTEND THIS WORKSHOP:

- Laboratory managers/supervisors
- Quality managers/coordinators
- Analysts/technicians
- Technical signatories (TS)

MINIMUM ENTRY REQUIREMENTS:

- Fluency in English writing and reading skills

TUITION:

- Training material included (English)
- Certificate of attendance or competence (based on outcome of assessment) will be issued on successful completion of training.

COURSE CONTENT:

- Introduction to method validation and verification
- Verification parameter: Accuracy
- Verification parameter: Bias
- Verification parameter: Precision (repeatability and reproducibility)
- Verification parameter: Linearity
- Verification parameter: Working range
- Verification parameter: Limit of Detection (LOD)
- Verification parameter: Limit of Quantification (LOQ)
- Verification parameter: Selectivity / Sensitivity
- Verification parameter: Robustness / Ruggedness
- Uncertainty of measurement
- TEST (ASSESSMENT)

santie@michemdynamics.co.za | angeline@michemdynamics.co.za | 082 770 7127 or 078 335 0528

www.michemdynamics.co.za