



PROCESS AND CHEMICAL ENGINEERING

Fiscal Metering Systems

5 day course

Classroom, online or in-house

Course overview

A fiscal meter measures the quantity on which payment, royalty and tax are calculated, which makes its uncertainty a commercial and regulatory matter rather than a technical one. This course covers those systems. Delegates work through metering system design and the redundancy that allows proving without interrupting custody transfer, meter selection for the duty, and the proving systems that establish a meter factor. Flow computers, their configuration and the standards governing volume correction are covered in detail. Uncertainty calculation for a complete system follows, along with the regulatory approval, sealing and audit regime, and the handling of a mismeasurement once discovered.

What you will learn

- Design a fiscal metering system with appropriate redundancy
- Select meters and provers for a custody transfer duty
- Establish and apply a meter factor
- Configure a flow computer and apply volume correction standards
- Calculate the uncertainty of a complete metering system
- Meet regulatory approval, sealing and audit requirements
- Handle a discovered mismeasurement and its commercial consequence

Who should attend

- Metering and measurement engineers
- Instrumentation engineers in oil and gas
- Allocation, commercial and revenue staff
- Regulators and measurement auditors
- Terminal and pipeline operations staff

Course outline

- 01 Why fiscal measurement is a commercial matter
- 02 Metering system design and redundancy
- 03 Meter selection for custody transfer
- 04 Proving systems and the meter factor
- 05 Flow computers and configuration
- 06 Volume correction standards
- 07 System uncertainty calculation
- 08 Approval, sealing, audit and mismeasurement

Upcoming dates

Dates	Venue	Format	Fee per delegate
18 to 22 January 2027	Johannesburg, South Africa	Classroom	R19,950
25 to 29 January 2027	Pretoria, South Africa	Classroom	R19,950
22 to 26 February 2027	Maseru, Lesotho	Classroom	R19,950
8 to 12 March 2027	Gaborone, Botswana	Classroom	R19,950



Fees and how to register

This 5 day course is **R8,500** per delegate online, **R19,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 1,325** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afiscience.co.za, or WhatsApp us on **+27 63 479 1136**.

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