

WATER EFFICIENCY MANAGEMENT



SAICE & ECSA
Validated
(3 CPD credits)

Acquire knowledge and skills to manage water efficiently.



This course is aimed at individuals who want to build a career advising businesses on how to measure and reduce their water consumption immediately, and for those who want to extend their immediate skill sets in order to be able to implement an in-house water management strategy.

The course focuses on teaching learners how to systematically assess water usage within all types of organisations and to recommend appropriate solutions (technology & behaviour). Learners will be able to conduct financial assessments of each solution and will get a strong understanding of how to recommend solutions that maximise the customer's return on investment.

Areas of focus in this course include legislation analysis, bill & tariff assessment, water audit planning, water monitoring devices, flow measurement calculations, building water flow diagrams for an organisation, water quality assessment needs, water management strategy development and writing a water audit report.

Benefits of doing this course

- Get trained by a Senior Engineer from Terra Firma Solutions.
- Gain competency in this field through SETA accredited training.
- Take charge of your organisation's water efficiency strategy.
- Develop a new service for your environmental consultancy and differentiate yourself.
- Increase the services you can use to add value to your customers.
- Learn how to conduct a water audit, bill and tariff assessment, water quality, management strategies, monitoring and reporting.
- Advise organisations on how to measure and reduce water consumption.
- Complete the course with a case study.
- Training cost can be claimed under BBBEE Skills and Development spend.

Who should do this course?

- Facility and plant managers who are looking for ways to reduce water consumption.
- Environmental professionals that would like to offer a new high value service to clients.
- Municipal or government employees.
- Individuals wanting to change careers and move into this exciting new area.
- Graduates looking to find a role in water efficiency.
- Employees looking to add skills to their careers.
- Financial, environmental, sustainability and SHEQ team members and managers.

✓ *Learners will leave this course with a real skill that can be offered to customers immediately or enhance your current job.*

✓ *Cost of training can be claimed under BBBEE Skills Development spend.*

COURSE DURATION	COURSE REQUIREMENTS	COST	COST (incl. SETA)	DATES & MORE INFO
3 days	Proficiency in Excel, Word and Math	R8000 excl VAT	R10200 excl VAT	http://bit.ly/1ofQIIP



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Johannesburg - 011 568 0768 - Building 25, Woodlands Office Park, 20 Woodlands Drive, 2191 Woodmead

COURSE CONTENTS OUTLINE

- Introduction to Water
 - Uses of Water
 - Sources
 - Global Stats
 - Pollution
 - Needs for Water Management (WM)
 - Common Water Systems
- Legislation/ Regulatory Framework
 - International
 - Local
 - Context for WM
- Business Case
 - Why a Company Should Develop a Water Management Strategy
 - Case study
- Performing the Water Audit
 - Workshop
 - Required Information
 - Walk-through Audit
 - Planning
 - Tariffs and Billing
- Calculating Flow
 - Direct/ Indirect
 - Analytical
 - Physical Metering
- Water Quality
 - Parameters
 - Water Quality Testing
- Water Management Strategy
 - Brainstorming
 - Zero Discharge
 - Cleaner Production
 - Financial Analysis
- Water Monitoring
 - Continual Real Time Monitoring
- Report Writing
 - Structure
 - Contents
- Case Study

