

ASSET MANAGEMENT FOR WATER AND WASTEWATER UTILITIES WITH ISO 55000

LIVE ONLINE TRAINING | 8 – 9 JUNE 2023

OVERVIEW

The management of physical assets for water and wastewater utilities has become significantly critical in the last decade. Due to an increasing demand for utility services, scarce resources, need for production efficiency, budget and funding limitations, increasing restrictions on output, ageing assets and climate change, there is an urgent need to manage our physical assets better, pro-active and with a life cycle view.

Asset Management has been increasingly recognized as the key to improved investment decision making across all sectors, from Electricity and Water Production & Distribution, Oil & Gas, Defence, Aerospace, Manufacturing and Public Transport. Regulators require to develop, and present strategic Asset Management Plans aligned with the corporate strategy. This training course will emphasize on implementation of good Asset Management practice that will contribute to fulfilling the corporate strategy.

By the end of this Energy Training Centre course, the participants will be able to:

- Explain what Asset Management is, why it is important and what deliverables the organization gets from it.
- Understand the content and value of ISO 55000, the international standard on Asset Management, and how to use it.
- Understand 'good Asset Management practice', starting with foundations and building up to best practices that will deliver maximum business benefits.
- Apply the key steps to implement and improve Asset Management.
- How to move their organization forward.

This training course is suitable to a wide range of professionals, but will greatly benefit:

- Asset Management Professionals
- Utilities Management Professionals
- Building Maintenance Staff
- IT Professional
- Operations Staff
- Finance Professionals
- All professionals involved in managing or participating in Asset Management
- Anyone who wishes to update themselves on Asset Management and how to implement it for the benefit of the organization.

PRINCIPLES OF ASSET MANAGEMENT

- What is Asset Management?
- Why is it important for the water and wastewater utilities sector?
- Asset Management as a business process
- Basic principles
- Reference models
- ISO 55000 series
- The Asset Management Framework for water and wastewater utilities (in 5 steps)

ALIGNMENT

- Alignment with the Organizational strategy
- Stakeholder needs and demand analysis
- Required service levels: current and future
- The concept of the Line of Sight
- Asset Management Policy
- Strategic Asset Management Plan (SAMP)

ASSET PORTFOLIO

- The current state of our asset portfolio
- Where are my assets? – Asset register
- Identify condition and useful life
- Valuation of our asset portfolio
- End-of-life concepts

RISK-BASED MAINTENANCE STRATEGY

- Develop risk-based maintenance strategy
- Failure behaviour of assets
- Risk: Not every failure is important
- A risk-based maintenance approach towards maintenance
- FMECA and maintenance reference plans
- Connecting the workflow
- Optimization

LIFE CYCLE MANAGEMENT AND IMPLEMENTATION

- Long-term focus
- Long-term investment plan
- Long-term maintenance plan
- Funding
- Develop Asset Management Plans
- Asset Management Teams and implementation strategy
- Benchmarking: making use of available experience and information

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Booking Contact (Approving Official) Mr/Mrs/Ms

Full Names: _____

Company name: _____

Direct Tel No: _____ E-mail: _____ Fax: _____

VAT No: _____

Address: _____

Signature _____

Person Responsible for Finance: _____ Direct Tel No: _____ Date of Payment: _____

BANKING DETAILS:

Independent Training Management Pty Ltd
Bank: FNB South Africa
Account Number: 62685879276
Branch Code: 251650
Branch: Randburg

THE FOLLOWING HEREBY CONFIRM ATTENDANCE TO THE WORKSHOP

Delegate1: Names _____

Position: _____ E-Mail: _____

Delegate 2: Names _____

Position: _____ E-Mail: _____

Delegate 3: Names _____

Position: _____ E-Mail: _____

Delegate 4: Names _____

Position: _____ E-Mail: _____

Delegate 5: Names _____

Position: _____ E-Mail: _____

All fees are current at the time of going to print; however, we reserve the right to change them.

2. Additional Delegate Rates:

Additional delegate rates apply when bookings are made at the same time on the same course.

3. Confirmation Instructions:

On receipt of this submitted booking form and payment or purchase order you will receive a confirmation letter by email confirming your participation in the training event. This includes a location map with directions and venue details and starting times.

4. Attendance:

Please note that no learner will be permitted to attend any training course without proof of payment or an order no.

5. Delegate Substitution:

Substitutes can be made at any time without incurring a penalty. Please inform us in writing so we can make the necessary arrangements for the new learner.

6. Payment:

Payment can be made by cheque or by electronic transfer, and must be received 5 working days prior to the commencement of the course.

Please quote the reference number from your invoice and organisation name so that payments can be tracked. All cancellations must be done in writing and emailed directly to Independent Training. Management Inform us immediately if you have to re-schedule or cancel the booking so that we can inform the caterers and conference venue.

The following charges apply if you cancel:

- 11 - 30 days before a course = 10% of the course fee
- 6 – 10 days before a course = 20% of the course fee
- 4 – 6 days before a course = 30% of the course fee
- 1-3 days before a course = 50% of the course fee

