

# PAS 55 Infrastructure Asset Management Training Course



The focus of the asset manager has shifted towards increasing revenue for a company by enhancing its asset performance and ensuring optimal return on new asset investments. Infrastructure asset management creates key challenges for physical asset management specialists who wish to understand and articulate the risks and benefits for continually improving the asset management process and performance in their organisations.

PAS 55 is a Publicly Available Specification published by the British Standards Institute (BSI). It is designed to provide best practice guidance for dealing with these challenges and focuses on the numerous tools and critical elements that are required to ensure a successful implementation of asset management.

PAS 55 is of relevance to all asset-intensive organisations, utility corporations, municipalities and manufacturing plants regardless of size and industry sector and should be used by organisations that have already implemented and developed a physical asset management system or those participants that not only need recognition for their knowledge and skills as experienced asset managers but also require an upgrade of their asset management processes.

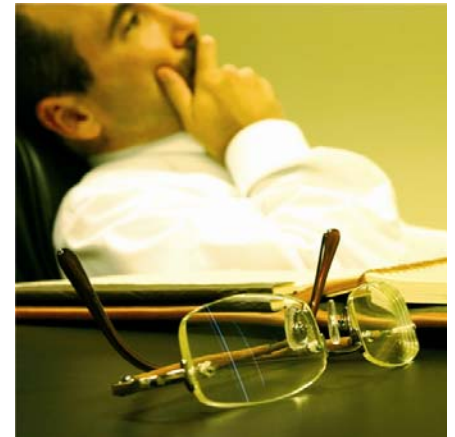
## Course Objectives

This 2-day, practical hands-on training workshop is designed for executives involved in asset management and maintenance, infrastructure and capital projects as well as engineers and consultants that deal with the complexities of asset management functions on a daily basis.

The objective is to provide attendees with the necessary perspective, knowledge and skills to understand the risks and benefits of asset management and to learn how it assists in:

- The management of physical infrastructure assets
- Establishing the promotion of business capability and performance within the organisation

The course is aligned with the British Standards Institute's (BSI) publicly available specification PAS 55. It provides an opportunity for asset management professionals to gain an understanding of the requirements that ensure optimal management of the organisation's assets and their associated performance over their lifecycle.



## What you will learn

On completion of the course, you will be able to:

- In-depth knowledge of the conflicting priorities of stakeholder groups
- An understanding of the principles of the infrastructure asset management process and best practice
- Knowledge about the PAS 55 (Part 1 & 2) Infrastructure Asset Management standard
- An appreciation of the PAS 55 self-assessment and accreditation process

## Who will benefit?

- Physical Asset Management Executives
- Maintenance Managers
- Engineers
- Heads of Infrastructure
- Asset Management Consultants



## Course Content



### Day 1:

#### **Introduction to Asset Management**

- Overview of the drivers
- The Investment Decision
- Maintain or Replace?
- The consequences of asset failure
- Asset condition information and data
- The need for prioritisation based on risk analysis

#### **Introduction to PAS 55**

- Background
- Linkage to other Standards
- PAS 55 Part 1 - Specification
- PAS 55 Part 2 – Guidelines

#### **Asset Management System elements and General Requirements**

#### **Policy**

- Asset Management Policy
- Asset Management Strategy

#### **Asset management information, risk assessment & planning**

- Asset Management Information System
- Risk Identification, assessment & control
- Legal, regulatory, statutory and other requirements.
- Asset Management objectives
- Asset Performance & condition targets
- Asset Management plans

### Day 2:

#### **Implementation & Operation**

- Structure, authority & responsibility for Asset Management
- Training, awareness & competence
- Consultation & communication
- Documentation
- Document, data and information control
- Operational control
- Emergency preparedness and response

#### **Checking & Corrective Actions**

- Performance & condition monitoring
- Asset-related failures, incidents, non-conformances, corrective and preventive actions
- Records and record management
- Audit

#### **Management Review and Continual Improvement The Self-Assessment and Accreditation Process**

- Self-assessment and gap analysis
- Quick fixes / long term solutions
- The audit process

### Approach, Deliverables and Method

#### **The practical hands-on course provides:**

- Cross referencing and alignment between PAS 55 and linkage with other standards
- Hands-on practical exercises, case studies and group discussions
- Instruction from subject-matter experts with extensive operational experience across a broad range of public and private sector organisations.

#### **Course Deliverables:**

- Comprehensive course notes and advice on further sources of information.
- Certificate of attendance.

#### **Delivery Method:**

- Classroom style - combining lecture, discussion and exercises utilising course materials, digital projector and flipchart.

### In-house Training

All Analytix Courses are available in-house, should your organisation have a number of people or multiple sets to train. The cost advantages and the ability to discuss and resolve organisational issues are two major attractions of such training.

### Consulting Services

Analytix also offers consulting services to support the implementation of Infrastructure Asset Management programmes.

Other services include Corporate and IT Governance, ISO 27001 compliant ISMS implementation, IT maturity assessments, security certification assistance and performance management.

## **Register Today**

To register, or for more information, please contact us:

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