



Certified Asset Management Assessor (CAMA)



Course Aim:

This 5 day workshop is designed to be a hands-on, stimulating experience. The program is highly interactive with many discussion and facilitated practice sessions. Key points will be emphasized with case study examples. There will be a combination of presentation sessions and workshops during this programme.

Overview:

Asset management is vitally important for all capital intensive industries which rely on cost effective and trouble free operation of their plant and equipment in order to deliver products and services to their customers. Every organization carries out asset management – the key question is how well is this done? Typically asset management is inherently a cross-functional activity involving aspects such as new project design, commissioning, operation & maintenance. Getting the right dialogue taking place between these groups is necessary so that joined up thinking takes place and the life cycle costs of assets are minimised.

This course discusses in depth the key features involved in asset management throughout the life cycle of equipment. Best practices drawn from a range of different industries are introduced. In addition, the skills, attitudes and competencies necessary for effective asset management are fully discussed. The latest tools and techniques are introduced and explained with a minimum of jargon so that delegates can see how to use them in their situation. The asset management standard PAS 55 is introduced and reviewed. The link between its sections and important aspects of asset management which have been discussed is highlighted. Where to obtain further information about the standard and how to assess one's organisation against it are discussed.

The following aspects are covered in a straightforward way:

- The asset management system, organisation and risk-based framework specified in PAS 55
- Life cycle costing advantages and issues
- Asset policies and strategies derived from the business plan
- Formulating effective asset management plans and ensuring that they are carried out
- Continuous improvement and the learning organisation

Methodology:

This interactive Training will be highly interactive, with opportunities to advance your opinions and ideas and will include;

- Lectures
- Workshop & Work Presentation
- Case Studies and Practical Exercise
- Videos and General Discussions

Certificate:

BTS attendance certificate will be issued to all attendees completing minimum of 80% of the total course duration

The Certified Asset Management Assessor (CAMA) program was developed by SMRP and several international partners to assess an individual's qualifications to be an auditor of asset management systems. CAMA is

- managed by WPIAM, a separate entity partly owned by SMRP.
- based on the ISO 55000-1 standard, Asset Management System Auditor/Assessor and the ISO 55000-5 standard, Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 5: Competence requirements for the certification of asset management systems.
- not intended primarily to assess an individual's competence and understanding of maintenance and reliability or asset management topics; rather, the CAMA certification assesses an individual's competence to be an auditor of asset management systems. This presumes a certain expertise with the asset management and maintenance and reliability subject matter.

For more information about CAMA, visit the [WPIAM website](#). To register, visit the [registration page](#) on the WPIAM website.

Who Should Attend?

It is highly recommended that professionals who are involved in any aspect of asset management should attend this course.

This would include staff from:

- Project, Design & Asset Management
- Operations
- Reliability Engineering & Technical Support

Learning objectives:

At the end of this course, delegates will be able to make a substantial, positive impact on the asset management best practices within their organisation, specifically:

- A step-by-step guide to asset management - starting with foundations and building up to best practice
- A solid understanding of best practice techniques for achieving effective asset management
- An understanding of a range of technical and human risks associated with asset management and how they can be mitigated
- The ability to design a tailored asset management improvement plan for their organisation which tackles the major risk areas
- A practical approach to developing an action plan to utilise these technologies in their own areas of responsibility, fitting them into the overall asset management strategy, and measuring benefits

Course Outline:

- Introduction
- Importance
- Value Creation
- What happens when it goes wrong
- Organisational Context
- Challenges
- Stakeholders and their expectations
- Examples
- Leadership and Communication
- Successful leadership qualities
- Engagement

- Team Working
- Support
- IT
- Processes
- Tools and techniques
- Planning
- Investment
- Interventions
- Work activities
- Operations and Implementation
- Safe systems of work
- Asset care
- Quality assurance
- Performance Evaluation
- Feedback systems
- Assessing condition and performance
- Predicting asset performance
- Improvement
- Importance
- Mechanisms
- Learning environment
- Conclusion
- Main elements of an asset management system
- Standards
- Evaluation session