

AMSBMS001

Contribute to Effective Asset Management

This two day Certificate IV level accredited Unit of Competency is designed to familiarise participants with Asset Management and how planning and implementing effective and efficient work activities in an ISO 55001 compliant Asset Managed environment impacts on their organisation's ability to meet its organisational objectives and fulfil its stakeholder requirements and expectations.

Course Objectives

Provide participants with the skills and knowledge to:

- Apply the principles of sound Asset Management and ISO 55000 in delivering against a program of work in alignment with the asset management policy of the organisation.
- Contribute to assets adding value to the organisation by prioritising and carrying out work activities within the context of assets meeting their required performance targets and levels of service.
- Ensure provision of data and knowledge to the required standard and specifications for reliable decision making.
- Understand and analyse the risks and opportunities of their work activities in supporting the asset performance required to meet organisational objectives.
- Analyse service provision failures and continuous improvement opportunities and the need of support services and team leaders to conform to the Asset Management system requirements.
- Provide input to customer/stakeholder management, operations and maintenance strategies, renewal and replacement programming and prioritisation.

Delivery Program

The Unit of Competency consists of 9 delivery and assessment topics:

What are assets?

Provides an overview of different asset types to which asset management applies (and does not) and the key characteristics for grouping, differentiating and categorisation. Participants gain an understanding of the issues and problems that need to be addressed in managing the different asset types or groups and apply this understanding to examples in their own work environment.

What is asset management?

An overview of the key features of Asset Management, focusing on the concept of a vertically and horizontally aligned organisation management system or framework. Participants gain an understanding of the concepts of vertical and horizontal alignment, systems thinking, integration and interdependencies of roles and responsibilities.

Why do we want to manage assets?

This topic reviews the relationship of assets and associated management activities to meeting organisational objectives, issue management and business drivers through the provision and discussion of a series of case studies that extend from strategic planning to asset disposal and the ending of liability. Participants will workshop to identify and prioritise their key organisational/business and Asset Management issues and drivers.

Organisational objectives and fulfilling stakeholder requirements and expectations.

The key concepts around the need to meet organisational objectives and fulfilling stakeholder requirements and expectations are explored. It includes the concept of Levels of Service (LoS), the LoS hierarchy, process chains, support services and service agreements, internal and external performance targets, and customer perception. Participants prepare a conceptual LoS specification.

Applying sound risk management to asset based decision making.

This topic looks at the relationship of asset failure modes, causal mapping, linking to organisational/business risk, redundancy and customer tolerance. Participants carry out a risk assessment and management action planning exercise tied to their work activities and the objectives and performance requirements identified in topic 4.

Managing the asset life cycle – what does this mean and how can we manage it?

An explanation is provided of the asset life-cycle from lust-to-dust. It covers the key management intervention opportunities, as well as the changing nature of the issues that need to be addressed as an asset ages. The principles and concepts behind optimising whole-of-life cost and options analysis are explained. All participants workshop a simple risk based decision making exercise.

Reliability in decision making.

This topic reviews the impact of data and process quality in Asset Management on the quality and confidence level of organisational decision making. Participants evaluate improvement opportunities for a data collection and management task.

What are the key strategies we can apply to improve our performance?

Participants identify opportunities for improvement in their current work processes and practices using a quality framework.

Conclusions and action planning.

Summary of key points and planning exercise for participant's to commit to improving an aspect of their current approach to their work activities that impact on Asset Management performance of the organisation.

Intensive Short Course Delivery

Two-day delivery with the assessment completed during the course.

How to Contact Us

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