Specification Level	**Awareness in Asset Management (AAMC)** *Awareness in Asset Management Certificate*
Certificate Level Descriptor	The awareness, understanding and benefits of asset management (AM) and to recognise the general application of roles and responsibilities across relevant *Domains* within an *Asset Management Framework (AMF)* and thereby enhance the organisational effectiveness of the relevant *Activities* undertaken, requiring:

Under Certificate Level Descriptor:

- Awareness & Understanding of the breadth of recognized Domains of AM, associated risks, and their interdependency within an *AMF*.

- Awareness and Understanding of the contribution of skills required within an area of work responsibility in an operating *Domain* of AM.

- Awareness and Understanding of the key requirements of an integrated *AMF*; and

- Awareness and Understanding of core AM roles and responsibilities, their inter-dependency, and the key benefits of integrated application.

- Awareness and Understanding of the continual improvement focus embedded in management systems in balancing cost, risk, and performance to derive value for the organisation and its stakeholders.

- Awareness and Understanding of vertical and horizontal alignment ('coordinated activity') as a basic principle of doing business.

- Awareness and Understanding of the need for a Change Management Process

No licensing, legislative, or regulatory requirements apply to the AM elements of this certificate at the time of publication.

Application of the Certificate	This awareness training course is applicable to all persons within an organisation that are identified as doing work under the organization's control, and who can have an impact on the achievement of the organisation's asset management objectives. (Note: This includes people working for relevant service providers or benefit from the organisation's AM outputs).

This course is designed to fulfil the requirement of ISO 55001 for ensuring that "persons doing work under the organization's control, who can have an impact on the achievement of the asset

1

management objectives, shall be aware of key aspects of the organisation's *AMF* or other management system used to manage assets.

Designed to achieve both compliance with the ISO55001:2024 Requirement 7.3, and to elicit behavioural change management imperatives as a result of participants' enhanced awareness.

The course also has relevance for personnel in organisations where the AMF is not yet established or mature to flag the need and benefits of its establishment

The course should be structured to enable vertical and horizontal alignment of understanding throughout the organisation, consistent with the level and context of a range of roles and responsibilities:

- Governance and leadership ('Top Management')
- Asset Management Steering Committee
- Asset Management practitioners and managers
- Operations and maintenance (field / shopfloor)
- Projects
- Support and other activity groups/teams
- Relevant Stakeholders

Content and delivery should ensure the participants can understand, for example, the AM Policy, and other higher-level documents that permits them to understand the content in a way that allows them to apply them within their knowledge and skills, and the tasks and activities they or their team undertake.

ELEMENT	PERFORMANCE CRITERIA	
Elements describe the essential content and outcomes for the training course.	Performance criteria describe the required performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge and/or the range statement. Assessment of performance is to be consistent with the evidence guide.	
LEARNING OUTCOMES	**Organisational Objectives of training**	**Objectives of training for participants**
1 Awareness and understanding of why the organisation is doing asset management: • Benefits of an (ISO55000 compliant) *AMF* • Government or regulatory guidelines • Understand benefits of Asset Management	1.1 Coordinated activity to achieve organisational objectives	1.2 Application of pre-existing skills and knowledge within a new operating paradigm in an aligned AMF
2 Awareness and understanding of organisational strategic objectives: • Asset Management policy • Asset management objectives (Vertical and Horizontal Alignment) • Stakeholder requirements • Operating environment.	2.1 To achieve vertical & horizontal alignment of all relevant resources	2.2 Discovers and deconstructs the output and outcomes required by the organisation

3	Awareness and understanding of asset management principles & outcomes • Value • Alignment • Leadership & • Assurance • Adaptability • Sustainability	3.1	Ability of personnel to implement or undertake their tasks and roles to achieve a common goal/objective	3.2	Synthesis of generic how with the why principals and the what of the AMF requirements
4	Awareness and understanding of AMF: Alignment.	4.1	People understand the organisational structure and how it applies to the organisational alignment to the generic AM principals	4.2	Synthesis of the generic and organisational specific how with the why principals and the what of the *AMF* requirements
5	Awareness and understanding of a person's role in the AMF and linkages to the elements of the GFMAM Landscape v3 with respect to: • Coordinated activity • The impact of their activity • Communication • Data and information • Assurance • Value generation. • Continual Improvement	5.1	Organisation achieves the coordinated activity of the organisation to derive value from its assets within a continual improvement management system paradigm.	5.2	Evaluating and recalibrating their role and their required outputs and outcomes to fit the organisational framework and objectives.

6	People understand the impact on risk management: • Risk and opportunity • How people/ organisation influence asset risk • Risks assets pose to people and the organisation • Implication of non-conformance – what could go wrong?	6.1	Organisation manages risk to SFARP (So Far As Reasonably Practical) and where possible to within organisational risk tolerance decision criteria	6.2	Evaluation of the potential risks and opportunities posed by operating within the system and identify opportunities for improvement and management

REQUIRED SKILLS AND KNOWLEDGE

This describes the essential skills and knowledge and their level, required for this training.

Required skills:

● Required skills in a role identified which can have an impact on the achievement of the asset management objectives. This can include internal & external personnel

Required knowledge:

● Required Knowledge in a role which can have an impact on the achievement of the asset management objectives. This can include internal & external personnel

Required experience:

● There is no required level of experience required to undertake a AAMC
● All internal and outsourced employees doing work under the organization's control, who can have an impact on the achievement of the asset management objectives

Note:
The purpose of this level of awareness training is to provide a basic understanding of Asset Management within the context of an organization

RANGE STATEMENT

The Range Statement relates to the competency level required to achieve the Awareness in Asset Management Certificate It allows for different work environments and situations that may affect performance. Bold italicised wording in the Performance Criteria is detailed below. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

Domain-subject area elements equivalence	In the Global Certification Scheme, a '**Domain**' is considered equivalent to the reference to 'elements' (or group of subject areas) in the Global Forum for Maintenance and Asset Management (GFMAM) Landscape (3rd Edition).
Activities comprise:	Application of tools, processes and practices utilised by an organisation to manage or make decisions with respect to:

- Legislative requirements.

- Risk, performance, and financial management.

- Asset performance, capacity, utilisation and criticality.

- Asset availability, reliability, maintainability and supportability.

- Asset acquisition, creation, operations, maintenance and disposal.

- Environmental and social impacts.

- Safety.

- Cost/affordability/willingness to pay.

- Asset value and depreciation.

- AMF performance.

- Workplace resourcing, competency, and culture; and

- Alternative technologies.

Data and Information means:	Relevant knowledge of asset characteristics, performance, condition, and management processes or associated financial data to permit efficient and effective operation, maintenance, and management of the asset in order to meet organisational objectives.
AM Processes and Procedures are:	The integrated operational processes, models, roles and responsibilities, and support systems adopted by the

organisation to give effect to its AM Policy, AM Objectives, SAMP and AMPs.

The **AM Framework (AMF)** is:	The system of management adopted by an organisation to implement an AMS, including AM Processes and Procedures, AM Policy, AM Objectives, SAMP, AMPs and strategic, tactical and operational management systems.
Operational Plans include:	The activities, operational procedures, and resources adopted by the organisation to implement the respective **Activities** within an **AMF**.
GFMAM Landscape v3.0 elements broken down by subject areas (3rd Edition)	**1. Context and stakeholders** 1.1 Organisational Purpose & Context 1.2 Stakeholder Engagement 1.3 Asset Costing & Valuation **2. Governance** 2.1 Asset Management Policy 2.2 Asset Management System 2.3 Asset Management Assurance & Audit 2.4 Technical Standards & Legislation 2.5 Management of Change 2.6 Risk **3. AM Planning** 3.1 AM Strategy & Objectives 3.2 Demand Analysis 3.3 Sustainable Development 3.4 Planning 3.5 Decision-Making 3.6 Lifecycle Value Realisation 3.7 Resourcing Strategy & Management 3.8 Shutdown & Outage Strategy & Planning

3.9 Contingency Planning
& Resilience

4. Leadership and people
4.1 Asset Management
Leadership
4.2 Organisational
Arrangements
4.3 Organisational Culture
4.4 Competence
Management
4.5 Organisational Change
Management
4.6 Knowledge Management

5. Information
5.1 Asset Management Data
and Information Strategy
5.2 Asset Data and
Information Standards
5.3 Asset Management Data
& Information
Management
5.4 Asset Management Data
and Information Systems
5.5 Configuration
Management

6. Delivery
6.1 Systems Engineering
6.2 Asset Creation & Acquisition
6.3 Integrated Reliability
6.4 Asset Operations
6.5 Maintenance Delivery
6.6 Incident Management and Response
6.7 Asset Repurposing & Disposal
6.8 Supply Chain Management

7. Value realization
7.1 Outcomes & Impacts
7.2 Monitoring
7.3 Continuous Improvement

Course structure

Any course should be structured to enable vertical and horizontal alignment of understanding throughout the organisation, including external Stakeholders, consistent with the level and context of the person's role and responsibilities such as the following participant grouping:

- Governance and leadership ('Top Management')
- Asset Management Steering Committee
- Asset Management practitioners and managers
- Operations and maintenance (field / shopfloor)
- Support, other activity groups/teams (including project teams)
- Relevant Stakeholders

The content for each group should be focussed on the primary level of responsibility and accountability for the specific participant group.:

Participant Group	Workshop Focus
Governance and leadership ('Top Management')	• 'Top Management' leadership obligations under an ISO 55001 or other management system • The benefits of an *AMF* • How the AM policy has been interpreted/applied • Decision making criteria and methodologies • Data and process reliability and validity for decision making • State of the Assets – being adequately informed • Risk management • Financial and technical alignment • Performance reporting, audit and management review • Continual improvement
Asset Management Steering Committee	• The benefits of an *AMF* • Applying ISO 55000 Asset Management System (AMS) principles • Meeting/linking to organisational objectives • Policy interpretation, communication and application • (ISO 55001 compliant) Strategic Asset Management Plans (SAMP's) • Strategy to tactics • Financial and technical alignment • Methodologies and implementation programs • Monitoring and reporting • Continuous improvement
Asset Management practitioners and managers	• The benefits of an *AMF* • Applying ISO 55000 AMS principles • Meeting/linking to organisational objectives

9

	• Policy application • Planning and managing within an AMS quality framework • Asset Management Plans • Whole of Life planning and management • Budgeting within a whole of life management strategy • Support and resource provision • Monitoring and reporting • Continual improvement.

Support and parallel organisational activity groups, including project teams
 	
and
 	
Operations and maintenance (field and shopfloor)
	Operating under an ISO 55001 compliant asset managed environment. It explores how participant's work activities link to the organisation's objectives within the context of implementation of an ISO 55001 AMS compliant framework, and their impact on their organisation's ability to deliver products and/or services to customers. It formally addresses:
	
	• The benefits of an *AMF* and improved asset management performance
	• the organisation's asset management policy
	• the relationship of their work activities to:
	  – the Asset Management activity of the organisation
	  – asset and Asset Management associated risks and opportunities
	• their contribution to the effectiveness of the AMS
	• the implications of not conforming to the *AMF* requirements.
	• Continual improvement

Stakeholders	Overview of the implementation of an ISO 55001 AMS compliant framework, and the impact on their organisation's ability to deliver products and/or services to customers over time. • The benefits of an *AMF* and improved asset management performance • the organisation's asset management policy • Applying ISO 55000 AMS principles • Meeting/linking to organisational objectives and stakeholder n • Decision making criteria and methodologies • Data and process reliability and validity for decision making • State of the Assets – being adequately informed • Performance reporting, audit and management review • Risk management • Financial and technical alignment (if required) • Continual improvement

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, and the Range Statement.

Method of assessment .	The following assessment is appropriate to the competency to achieve the Certificate ● Completion of an AM Awareness training course that meets the requirements of the Specification documented in the performance criteria ● Successful responses to questions addressing specific statements made during the training ● Demonstrated understanding through successful completion of in-delivery exercises and case-studies, including through meaningful contribution to small group outputs/responses.
Guidance information for assessment	An holistic assessment is required and will need targeted questioning to assess required awareness and understanding The assessment outcome will focus on the participant's understanding of the impact of AM (either within a pre-existing implementation or intended implementation) and the contribution of that understanding on the participants changed contribution to the organisation through the implementation of AM given their underpinning responsibility and associated skills and knowledge. Assessment processes and techniques must be appropriate to the language and literacy capacity of the candidate and the work being performed. *NOTE: Applicants may be operating within a mature AM environment or in a formative phase. The organisational maturity within which the applicant is operating will inevitably impact on the way an applicant has undertaken their activities and hence evidence presented and therefore needs to be taken in to account.*

Delivery/Assessor competencies

All delivery/assessment must be undertaken by people competent in Asset Management.

Nominal duration of the course

- Supervised: 8 hrs
- Volume of learning: 8 hrs

Statement of Attainment

Subject to the validation of the Course content by WPiAM a Statement of Attainment can be issued recognising the participant's training meets the WPiAM specification for AAMC (Awareness in Asset Management Certificate) in alignment with WPiAM rules.

The statement of attainment (Certificate) can bear the WPiAM logo

Pathways and articulation

Potential pathways into the course

Participants should be identified as *'Persons doing work under the organization's control, who can have an impact on the achievement of the asset management objectives'* or external stakeholders influencing or being affected by the AM organisation

Potential pathways out of the course

Participants could acquire knowledge and/or skill and experience to achieve WPiAM Certification at CTAM, CAMA or CPAM levels.

Articulation arrangements (if applicable)

Ongoing monitoring and evaluation

Course should include an adequate feedback regime to enable continual improvement and delivery against organisational objectives.