

5-Day CAMAF- Certified Asset Management Auditor Facilitator

Day One

Asset Centered Organizational Business Management

- Importance of Value Streams in Organizational Culture
- Business Functions and the Processes we use to Manage them
- Differentiating between Policies, Organizational Functions and Departmental Functions
- Mindsets, Things that require everyone's behavior to be aligned.
- Aligning our Value Streams with Organizational Functions

A Closer Look at ASSET MANAGEMENT

- Traditional Myths
- The Single Most Expensive Phase
- Excuses for Poor Performance
- Ignorance about Reliability
- Reliability and Quality - Semantic Brothers?
- Beliefs in PMs and Bathtub Curves

The True Importance of Asset Health & Reliability

- Process Based Management vs Personality Based Management
- Organizational Values we claim
- Commitment to Safety
- Commitment to Quality
- Commitment to Production Throughout Efficiency
- Commitment to Shareholders/Profitability
- The Missing Value Stream – Foundation of all

How our Culture Limits our Performance as an Organization

- Low Performance Values = Low Performance Culture
- High Performance Values force us to do our very best at all levels
- World Class versus the Ruling Class
- Allowing yourself to let go of old outdated ways
- Embracing truth and Logic in the pursuit of World Class Management

Day Two

A New Beginning

- Why Change Management Terrifies so many Managers
- Using Maslow's Pyramid for more than just denying pay raises!
- Leveraging your strongest human motivators to effect change!
- Don't Hire Fancy Consultants – Think it through completely yourself!
- Want to assure change management fails? Hire a consultant to do it!
- Respect all employees at all levels
- Understand your objectives clearly before beginning

- Use teams of your own people to do all of the heavy lifting

Find the Standard Scientific Processes you need to Manage and Maintain

Define the Business Function

- Asset Management
 - Sub-Functions or Phases of
 - Concept
 - Design
 - Construction
 - Installation
 - Commissioning
 - Operating & Maintaining
 - Decommissioning

• Management Style and Risk Based Management

• Risk Based Processes

- ISO 55000
 - i-RCM
- Why Risk Based Management?
 - The 80/20 Rule or Pareto Principle
 - Maximizing your returns in quick order
 - Early gains and wins are great motivators
 - Limited resources require precise targeting

Day Three

ISO 55000

Defining Assets

SAMP – Strategic Asset Management Plan

- Writing a reasonable and straight forward Strategic Plan
- Aligning your Asset Management Processes with your SAMP

The 5 pillars of Asset Management Excellence, your Processes should reflect

- Organizational Culture – High Performance Values, Asset Reliability an Organizational Value
- Operational Alignment – Production, Procurement, Maintenance, quality and Engineering
- Operational Processes – Reliability Eng, DFR, DFM, i-RCM, RBM
- Performance Measures – OEE, TEEP, Lessons Learned, Continuous Improvement
- Sustainability / Auditability

Defining Criticality among Assets

- **Functional Systems Analysis and the FMECA Process**
 - Step one in a Scientific Process
 - Do Not Mix Apples and Oranges!
 - RAMS vs FMECA

- The Difference between HAZOP, RAMS and FMECA in Safety
 - Difference between Operational Criticality and Safety Criticality
- Using your own people is the key to success.
- **FMECA Teams – Involvement, Participation, Buy-in and Ownership...**
 - Participation leads to ownership and buy-in
 - Missing this important step could derail the entire process!

The Real Key to Safety, Quality and Profitability is? _____!

Foundation Principle

Value your people!

Exam Prep Practice Questions

Day Four

Leveraging and Maximizing the Gains Made so far in Maintenance and Reliability of Assets

New tasks for Operation and Maintenance

- Finally, the Teamwork you have dreamed of!
- Maintenance Provides the accurate Risk Data
- Production makes the decisions and takes responsibility accordingly!
- No more he said she said bickering – just the facts plain and simple...
- Stop playing the he said she said game and demand performance!

Strategic Reliability Plans for Critical Equipment 80/20 Rule

Best Practices Programs to eliminate Human Failure Factors in Reliability

The importance of Internal and External Audits

Lunch Break

SAMP Workshop

- Linking Strategies to Processes
- Areas of concentration in ISO 55000
- 5 Pillars
- i-RCM

Exam Prep Questions

Day Five

Bringing the Red Headed Stepchild into the Fold

- Dispelling 50 years' worth of Asset Management Myths!
- Finally applying Process Based Management to the Elusive Maintenance Function!
- The Final Frontier of World Class Management
- BIG DATA the new Frontier or a lot of Hype?

14:00 – 16:30 EXAM for CAMAF - Certified Asset Management Auditor Facilitator