

ISO 55000 for Asset Management

Develop an asset management system in compliance with ISO 55000

LEARN WHAT YOU HAVE TO HAVE IN PLACE TO BE ISO55000 COMPLIANT

19th – 20th March 2015, Kuala Lumpur, Malaysia

David Thompson, RAMsoft, UK



- ❖ More than 40 years of Experience in maintenance and reliability and conducted over 400 audits including fast track audits, in-depth audits and distance audits in maintenance management
- ❖ Developed Policy and Procedure documents for a number of Oil & Gas Companies.
- ❖ Wrote standards and Guidelines on many topics on Maintainability, RCA, Workpacks, Shutdown planning and failure code systems.
- ❖ Wrote over 400 Audit reports covering Excellence in Maintenance Management and in specialist topics spares, CMMS, KPIs and Reliability Management system.
- ❖ Presented papers at several Maintenance & Reliability symposiums in Europe, Malaysia and Brazil.
- ❖ Online distant learning instructor for Robert Gordon University in Asset Integrity and Reliability Management.
- ❖ Major clients lists: Nippon oil, Talisman, Petrofac, Qatar petorluem, Shell Nigeria , Wood Group , Sabic.

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Program Overview

ISO 5500 is new suite of international standards released in Jan 2014 and created to give guidance in asset management best practices. ISO 55001 focuses on helping you develop a proactive lifecycle asset management system.

Most companies - Oil & gas, Refiners, FPSO, Mining, Power, Water distribution, Sewage plants, Chemical Petrochem) will have most in place but one have to demonstrate compliance with the clauses as well as demonstrate the main themes as below:

- Alignment ('line of sight') of organizational objectives feeding clearly into asset management strategies, objectives, plans and day-to-day activities.
- Whole life cycle asset management planning and cross-disciplinary collaboration to achieve the best value combined outcome.
- Risk management and risk-based decision-making.
- The enablers for integration and sustainability; particularly leadership, consultation, communication, competency development and information management

This 2 day course the trainer will present a "ROAD MAP" and shows how the new standard supports optimization of assets and reduces the overall cost of ownership while helping you to meet the necessary performance and safety requirements.

Attend this course to Master:

- Understand Asset Management best practices based on the ISO 55000 Standard
- Illustrate Asset Management Policy & Strategy and show how it is developed
- Understand Asset Life cycle Management
- How to develop an action plan to implement ISO55000
- Understand the certification process
- Show the factors influencing an asset's total life-cycle costs
- Understand the information requirements related to the asset management
- Understand the relationship between asset management and risk management
- Understand the decision tools to support asset management

PRACTICAL INVOLVEMENT:

Having the ability to implement directly once you are back at your workplace is crucial for every participant. During the 2 days training, practical involvement and exercises will be share.

- A MINI GAP ANALYSIS.
- DECISION BASED ON LIFE CYCLE COSTING

This program is intended

This course is designed for any manager or engineer acquiring, managing, operating, maintaining or disposing of physical assets. This should include leaders and middle managers across the organization. It is ideal for joining teams of managers to establish a common language and vision for linking the asset management system to organizational goals.

- Operations Managers
- Maintenance Managers
- Reliability Engineers
- Capital Project Engineers
- Asset Owners
- Asset Managers
- Organizational Development
- Quality Personnel

Develop an asset management system in compliance with ISO 55000 (2 Days)

Topic 1 Introduction to the Asset Management Framework

- Introduction, history and current status
- Differences between PAS55 & ISO 55000 and their contents
- Benefits of adopting ISO 55000
- The business impact of asset & maintenance management
- Asset Management process model & strategy framework based on acquisition, ownership and disposal and supported by information and decision tools for continuous improvement
- Asset Management System comprising an Asset Policy, Asset Management Strategy and Asset Management Plans
- Asset Management roles

Topic 2 Risk Management

- Risk and ISO 55001:2014 & BS ISO 31000:2009
- Identification & assessment of risk
- Risk management: Risk Matrix, Risk Register

Topic 3 Whole Life Management

- Asset Management Life-cycle phases
- Life cycle costing advantages and issues
- Operational & maintenance
- Renewal, disposal and life extension
- Exercise

Topic 4 Information Management to Support ISO55000

- How to demonstrate compliance –proof of life
- Asset information requirements
- Quality Management Model Policy, Strategies, Guides, Procedures
- Data collection

Topic 5 Decision Tools

- Risk based Tools (RCM,FMEA, SIL Analysis)
- Analysis & Modelling Tools (Weibull, RAM Analysis, Evaluation of different Configuration)
- Cash flow models

Topic 6 Leadership and Culture

- Competency Requirements
- Senge & Kotter theories
- Change management
- Creating shared visions
- Creating a reliability culture in the work place

Topic 7 Continuous improvement

- The learning organization
- KPI performance management
- James Reason and Human Error
- RCA/RCFA

Topic 8 The Defensible Budget

- Long range and annual forecasting and budgeting
- Creating the Cash flow
- Activity Based versus Financial Budgeting

Topic 9 Implementation of ISO55000

- Developing the Roadmap
- Creating the timeline

Topic 10 ISO 55000 Certification

- Requirements for compliance
- Self-Assessment Gap Analysis review
- Case study

Principal Program Facilitator



David Thompson, RAMsoft UK

David extensive experience covers all aspects in Maintenance, Reliability and Operation management. His area of strength covers specifically in maintenance management audit reports , RCA , Shutdown planning and failure code systems ,CMMS , KPIs , CMMS data integrity and upgrade, Spares Optimization , RCM and RAM Modelling

RAMsoft, UK

For the past 40 years, David had been actively involved in:

- Conducted over 400 audits including fast track audits, in-depth audits and distance audits in maintenance management
- Developed Policy and procedures documents for a number of Oil & Gas Companies.
- Currently working for Worley Parsons in UK writing document for a number of FEED projects worldwide.
- Wrote standard and guidelines on many topics on maintainability, RCA, work packs, Shutdown planning and failure code systems.
- Wrote over 400 audits reports covering excellence in Maintenance management and in specialist topics spares, CMMS, KPIs and Reliability Management system.
- Presented Papers at several Maintenance & Reliability Symposiums in Europe, Malaysia and Brazil.
- Online distant learning instructor for Robert Gordon University in Assets integrity and Reliability Management.
- Undertaking a major CMMS data Cleansing Project as part of a CMMS upgrading.

Symposiums

- European & world Maintenance Congress 2007
- Applied Reliability Symposiums – Europe 2009, Brazil 2008, Asia 2006, 2007, 2010.
- Presented paper at the Applied Reliability Symposium Singapore 2013 (4th Year)

David has worked for many blue chip companies either directly or through a consulting role.

David,s International Clients : Nippon Oil , Talisman , Petrofac , State Oil Dubai Petroleum , Novartis , EGGBOROUGH POWER STATIONS , Chinese Oil & Gas company ,worley parsons , sabic, Qatar petroleum , Scottish power , wood group , shell Nigeria, Hunstsman, ENI oil , Saudi Aramco and SONANDOL P&P

David has conducted many audits of maintenance practices and CMMS use spanning the last 20 years. David has a particular interest in helping companies collect better data and to try and make reliability of interest to the regular maintenance engineer by concentrating on applications rather than complex mathematical theory.

David is a certified instructor in RCA, and Reliability Methods and Techniques. David has developed and delivered training programs world wide including both offshore and onshore facilities topics include Maximo CMMS, RCM, FMECA, Weibull Analysis, RAM Modelling, Reliability Growth, Analysis, and Fault Tree Analysis, Incident / Root Cause Analysis, work planning and control, spares optimisation. In addition David has conducted training in many other maintenance management topics including a 3 day workshop on how to achieve CMMS data integrity either at the implantation phase or following a CMMS data upgrade.

Early days

David initially started in the steel making and mining sectors and for the past 15 years in the oil & gas sector. David was the UK representative for Reliasoft one of the world's leading reliability engineering companies, and has also been part of a team to implement improved Asset Reliability in the Middle East, including RAM and RCM studies.

REGISTRATION FORM

Investment Packages

ISO 55000 Asset Management	Early Bird Full 2 Days	Standard Price Full 2 Days
Per Delegate	SGD 2795 ()	SGD 2995 ()
TEAM DISCOUNT of 3 or more off 10%		
<ul style="list-style-type: none">- Team discount are not applicable to early bird pricing.- For 5 or more, please do contact us to get attractive price.- Early Bird Promotion Deadline – 10th Feb 2015 Please Note that a SGD\$40 will be incur for Administration Fee.		

Delegate Details

1. Name: _____ Mr Mrs Ms Dr

Job Title: _____

Email: _____

Contact No: _____

Department: _____

2. Name: _____ Mr Mrs Ms Dr

Job Title: _____

Email: _____

Contact No: _____

Department: _____

3. Name: _____ Mr Mrs Ms Dr

Job Title: _____

Email: _____

Contact No: _____

Department: _____

Head of Department: _____

Invoice Details

Invoice Attention to: _____

Company: _____

Industry: _____

Address: _____

Postcode: _____ Country: _____

Telephone: _____ Fax: _____

Email: _____

Authorized Signature: _____

PROGRAM DETAILS

Venue: Kuala Lumpur, Malaysia

Date: 19th – 20th March 2015

REGISTER NOW

CONTACT: kelvin

MAIN: +603 7727 3952

FAX: +603 7722 5278

Email: registration@petro1.com.my

Credit Card Payment

Please Debit my credit card:

VISA MASTERCARD

Card Number: _____ - _____ - _____ - _____

Security Code: Expiry Date:

Named printed on card: _____

Signature: _____

Payment Method

By cheque/ Bank Draft: Made Payable to PETRO1 SDN BHD

By Direct Transfer: Please quote invoice numbers on remittance advice.

ACCOUNT NAME : PETRO1 SDN BHD

BANK : HSBC Amanah Malaysia Berhad

ACCOUNT NO : 054 - 048061 - 701 (SGD)

SWIFT CODE : HMABMYKL

All bank charges to be borne by payers. Please ensure that PETRO1 SDN BHD received the full invoice amount.

*** Credit card payment will include a charges 2.8%**

Payment Policy: Upon receipt of a completed registration form, it confirms that the organization is registering for the seat(s) of the participant(s) to attend the conference or training workshop. Payment is required with registration and must be received prior to the event to guarantee the seat. Payment has to be received 7 working days prior to the event date to confirm registration.

Venue: All of our training courses are held in 4 – 5 star venues.

The course fee does not include accommodation or travel cost. It's recommended to book the hotel room early as there are only limited room available at the discounted corporate rate.

DATA PROTECTION

The information you provide will be safeguarded by Petro1 that may be used to keep you informed of relevant products and services. We take it seriously when it comes to protection of our client data.

Cancellation & Substitutions: Upon receipt of a completed registration form, it confirms that the organization is registering for the seat(s) of the participant(s) to attend the conference or training workshop. Should you be unable to attend, substitutes are always welcome at no additional cost. Please inform us as early as possible. Payment is non-refundable if cancellation occurs 7 working days prior to event commencement. However a substitute is welcome at no additional charges. If cancellation occurs 5 working days prior to the registration date and there is no substitute, the organizer reserves the right to charge 50% of the total investment from your organization.

PETRO1 SDN BHD is not responsible for any loss or damage as a result of a substitution, alteration or cancellation/postponement of an event. PETRO1 SDN BHD shall assume no liability whatsoever in the event this training course is cancelled, rescheduled or postponed due to a fortuitous event, Act of God, war, fire, labor strike, extreme weather or other emergency.

Walk in Registration: Walk-in participants with payment will only be admitted on the basis of seat availability at the event and with immediate full payment.

Program Change policy: The organizer reserves the right to make any amendments and/or changes to the workshop, venue, facilitator replacements and/or modules if warranted by circumstances beyond its control.