

Asset Strategies & Plans Development

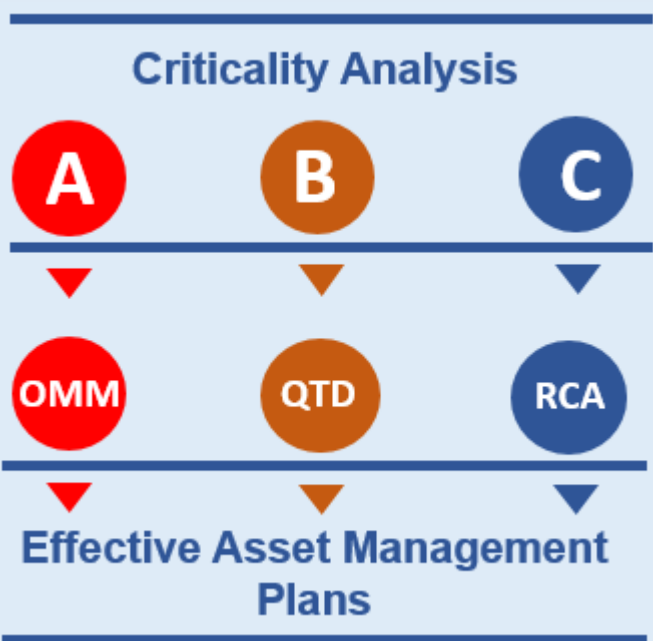
Criticality Analysis |Tactic Selection|
Asset Value Realisation



Institute

Course Horizon

Asset Strategies and Plans Development course entails the process of employing a risk-based approach in selecting appropriate tools for building asset management plans (AMPs) in order to realise maximum asset value.



Why you should attend?

- Criticality modelling on building AMPs ensures **effective allocation of time and resources** in management of assets since focus is put on critical assets
- Risk-based approach in defining asset criticality ensures mitigation of asset potential failures and risk hence **loss elimination** in production
- Tactical maintenance ensures improved reliability and uptime, less breakdowns resulting in **cost reduction**

Who will benefit?

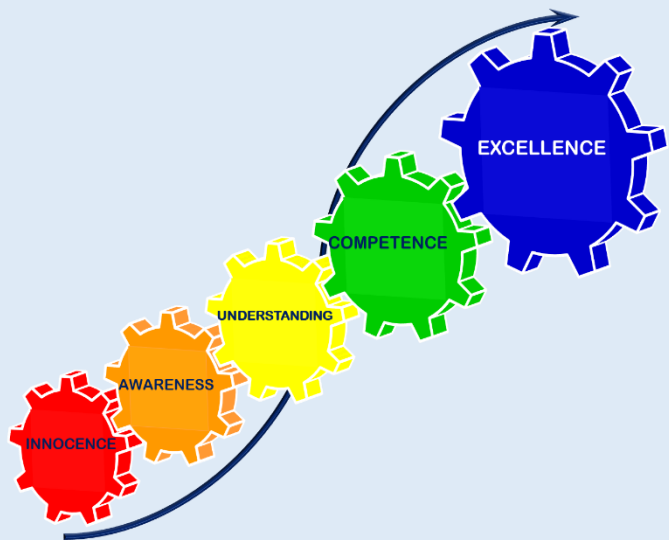
- Executives and Senior Managers of Asset Intensive Businesses
- Production and Operations Managers
- Asset and Maintenance Managers
- Project Managers/Engineers
- Risk Managers
- Maintenance and Production Engineers
- Foremen/Supervisors
- Planners
- Engineering Technicians

Delivery Platform

- Public Training – available at in all cities and towns
- Onsite Training
- Virtual Instructor-Led Training
- E-Learning
- Customized Training

Training Duration

- Core Delivery – 3 days
- Foundation Delivery – 1 day



REALISE YOUR POTENTIAL

Learning Objectives

By the end of this course, participants should be able to:

- Appreciate the fundamentals of Asset Management and its transformation in modern day
- Identify the principles of developing asset management plans
- Select appropriate maintenance tactics on assets
- Develop a criticality model and conduct a criticality analysis on assets
- Explain failure modes and effects analysis on assets
- Describe the link between asset management plans and work planning and control
- Describe the difference between condition-based, usage-based and run-to-failure tactics
- Defend asset management plan decisions in an AMP simulation game

Course Content

- Fundamentals of Asset Management
- Changing World of Asset Management
- Criticality Analysis
- Functional Analysis
- Failure Analysis
- Failure Mode & Effects Analysis (FMEA)
- Tactic Selection
- Condition-Based Maintenance
- AMP Detailed Development
- AMP Implementation
- AMP Execution
- AMP Case Study
- AMP Tool Overview

Main Elements

Delivery

- The 3-day session equips individuals with knowledge and skills to bring a high degree of competency
- Self-assessment quizzes and interactive group discussions on each learning area foster great understanding
- Interactive group sessions and illustrative videos will be delivered to enhance content comprehension

Techniques

- Participants shall tackle practical exercises on:
- Asset Criticality modelling
 - Segregating systems into numerous levels of assets and components
 - Analysing failure modes and maintenance tactic selection
 - Tools: FMEA worksheet
 - AMP detailed development