COURSE OPENING

DAY 1 — 60mins

- Course Opening
- Registration
- Orientation

MODULE 1

DAY 1 — 7 HRS.

SESSION 1 (4 HRS) INTRODUCTION

- Asset Management Introduction
- What is Asset Management?
- Identify Typical Asset Management Objectives
- Review Good Asset Management as defined in ISO 55001.

SESSION 2 (3 HRS) ASSET MANAGEMENT APPLICATION

- Explain, in terms of their Key Elements, Asset Management Models and Lifecycle Models
- Identify the Potential Role of the Participants in an Organizational Asset Management Function
- Example of a Site Maintenance Performance Improvement with Support from the Application of Maintenance and Asset Management Standards
- Demonstrate the Common Cores within all the Associated Standards.

MODULE 2

DAY 2 — 3 HRS.

SESSION 1 (1.5 HRS) INTERNATIONAL STANDARDS

- According to ISO 55001, Establish the Business Context and the Roles of 'Top Management' etc. in developing the Asset Management Plans (AMPs) and the Strategic Asset Management Plans (SAMP).
- Identifying Typical Content of the AMPs and the SAMPs for Facilities Sites and for Industrial Sites.
- Select the Indicators for the Maintenance Organization, Strategies, and Organizational Objectives.

SESSION 2 (1.5 HRS) ASSET MANAGEMENT POLICIES

- Design an Asset Management System from the Business Objectives to the Strategies with Targets and Objectives.
- Design for One Plant / Site.
- Identify the Asset Related Decision Making and Risks.
- Asset Management Policies.
- Define the Different Types of Maintenance, their Relationships and History.

MODULE 3

DAY 3 — 4 HRS.

SESSION (4 HRS) RISK AND RELIABILITY

- Define Reliability, and explain in terms of Equipment Characteristics, and Relate Reliability to 'RAMS' and Risk Management
- The Use of Key Performance Indicators and Benchmarking Processes.
- Tools for the Development and Presentation of the Maintenance and Asset Management Performance, including the Links to a Business or Government
- Risk Exposures in Asset Management and Maintenance across the Life Cycle.
- Risk Related Standards, Tools and Techniques.
- Optimizing Repair or Replace Decisions.
- Examples and Case Studies.

MODULE 4

DAY 4 4 HRS.

SESSION 1 (2 HRS)

- Implementing ASSET Management Policy and Strategy.
- Asset management strategy. submitted previously.
- Asset management organization.
- Financial plan for capital expenditures and operational expenditures over the asset's life cycle.
- Design life cycle plans.
- Registering maintenance requests in the computerized asset management system.
- Scheduling planned maintenance in the computerized asset management system.
- Preventive and predictive maintenance procedures that are consistent with the asset management strategy .

SESSION 2 (2 HRS) ASSET HISTORY AND COST

- The process of calculating life cycle costs includes acquisition, operation, maintenance, disposal and other costs.
- The use of a computerized asset management system within maintenance activities.
- Using an asset management system to record and track each asset throughout its life cycle.
- Incorporating historical evidence into the computerized asset management system.

MODULE 5

DAY 5 7 HRS.

SESSION 1 (3 HRS) ASSET MANAGEMENT SYSTEM

- ASSET REGISTER AND ASSET CONDITION ASSESSMENT
  - Selection of Asset Management System (AMS)
  - Data Collection format and Templates
  - Installing Data to AMS

SESSION 2 (3 HRS) ASSET REGISTER & ASSET CONDITION ASSESSMENT

- Asset Condition Assessment Planning
- Asset Assessment Criteria
- Asset Condition Assessment Format and Templates
- Asset Condition Assessment Analysis and Reports

(1 HRS) CLOSING AND CERTIFICATES DISTRIBUTION