

Who we Are ?

Salamah Consulting Engineering (SaCEn) is a firm specializing in engineering services, engineering training, Industrial equipment supply, and trade. SaCEn Mission is to Provide clients with global professional engineering solutions for all types of industries from concept planning through project completion, with a highly skilled professionals working together, using common sense and practical experience.

Course outline

- Asset Integrity General Overview
- Basics of Asset Management and Asset Integrity
- Corrosion Management
- Risk Based Inspection (RBI)
- Fitness For Service (FFS)
- Inspection and Non Destructive Testing (NDT)
- Risk Assessment Techniques
- Rotating equipments
- Total productive maintenance
- Reliability Centered Maintenance (RCM)
- Modern Approaches to Asset Integrity Management (AIM)

Who Should Attend

This training is uniquely design to provide valuable insight for:

1. Asset Managers, team leaders & senior engineers engaged the development, roll-out implementation & review of the Integrity Management Scheme.
2. Directors, Managers, Team leaders & Engineers of
3. Pipelines, Wells, Structures, Plant & Facilities Projects,
4. Design, Operation and Maintenance Department.
5. Corrosion and Integrity Group Members
6. QA / QC Specialists
7. Inspection Managers, Team leaders & Engineers
8. Maintenance engineers and managers.

Course Director

Trinath Sahoo is a mechanical engineer with good academic and profession standing. He currently holds the post of Senior Manager, IOCL (Indian Oil Corporation Limited) with 20 years of experience in technical and management fields. etc. He has worked as the Plant Turnaround Engineer for various projects and companies. He has published papers in various international magazines and Conferences. He has thorough knowledge on pumps operation and maintenance , shutdown management, maintenance and reliability, project management ,asset management, advanced maintenance strategies etc. he has published several papers in international journals like Hydrocarbon Processing , Chemical engineering, Chemical engineering progress etc. A leader in workshops, and a public speaker in various nationwide and international conferences held at Egypt , London ,Canada, Germany and South Africa. He is a very motivating and enchanting personality.

3 ways to Register

Email :
training@salamahconsulting.com

Website :
www.salamahconsulting.com

Call :
Off :+966 03 8670307

Mob : 00966 508 495 106
Tel : 00966 03 867 0307
Fax : 00966 03 867 0309

Email : salamah@salamahconsulting.com

904, Al Jarbou Administrative Tower
King Abdullah St. (Dhahran St.) & Prince Humood St.
Al Khobar - Saudi Arabia

www.salamahconsulting.com

CONTACTS

Asset Integrity Management

09 -10 April 2013
Al-Khobar, Saudi Arabia



Learn the basics of Asset Integrity Management System



SaCEn

Salamah Consulting Engineering
YOUR NEIGHBORING ENGINEERING OFFICE

Course Introduction

Introduction

Asset Integrity Management Systems (AIMS) outline the ability of an asset to perform its required function effectively and efficiently whilst protecting health, safety and the environment and the means of ensuring that the people, systems, processes and resources that deliver integrity are in place, in use and will perform when required over the whole lifecycle of the asset. An Integrity Management System should address the quality at every stage of the asset life cycle, from the design of new facilities to maintenance management to decommissioning. Inspections, auditing/assurance and overall quality process.

Course Benefits

Key Benefits

Understand how you can optimize the Asset Integrity Management systems and strategies in your Organization.

Find out how to manage holistic asset designs with the assistance of AIM systems and design codes.

Discover how to use Risk Based Inspection to identify threats faster and save operational cost.

Implement a technical approach to asset integrity management to obtain positive operational results and extended the life-cycle of the facility.

Adapt effective asset integrity managements strategies that will help increase productivity and over challenges.

First day

09 April 2013

08:00 - 16:00

SESSION I: Asset Integrity General Overview

Introduction

Definitions

General organization of an Asset Integrity Management System

Standardization and codes

SESSION II: Basics of Asset Management and Asset Integrity

Asset Management versus Asset Integrity

Defining Asset Criticality

Risk Assessment Techniques

Life Cycle Costing

design considerations,

process safety management(PSM)

mechanical integrity

risk based inspection (RBI)

SESSION III: Corrosion Management

Corrosion Basics

Main corrosion factors

Type of corrosion in Oil & Gas Industry

Corrosion Management

Standardization and codes

SESSION IV: Risk Based Inspection (RBI)

RBI concepts

Implementation

Standardization and codes

SESSION V: Fitness For Service (FFS)

FFS concepts

Implementation

Standardization and codes

Second day

10 April 2013

08:00 - 16:00

SESSION I: Inspection and Non Destructive Testing (NDT)

Inspection and NDT implementation

Main NDT Methods

Personnel Qualification

Standardization and codes

SESSION II: Risk Assessment Techniques

FMECA, Fault tree, Hazop, what if analysis etc.

SESSION III: Rotating equipments

Condition monitoring for rotating equipments and risk analysis. PM optimization .Alarms, trips and

safe shut down of system.

SESSION IV: Total productive maintenance

Impact of TPM on asset integrity, Different pillars of TPM and its effect on asset integrity.

SESSION V: Reliability Centered Maintenance (RCM)

Principles of RCM

The Seven Key Elements of RCM

Reliability Analysis

Summary Proven Tools that support AIM

Root Cause Analysis (RCA)

Failure Mode and Effect Analysis (FMEA)

SESSION VI: Modern Approaches to Asset Integrity Management (AIM)

Lessons Learned from Case Studies Around the World.

Discussion and Actual Examples.

Overview Key International Standards like ISO, PAS 55, API, NACE, NFPA, ASME etc.

Asset Integrity Management: Make it "Total Asset Integrity Management" (TAIM).

Payment Methods

Payment :

Payment can be made by bank transfer to Al Rajhi Bank Account No.: **375608010268388** or by a registered check payable to Salamah Consulting Engineering.

I am making a payment by Bank Transfer to your account.

I enclose a check of the full amount of \$.....

Please return the registration form by fax to : +966 3 867-0309 Alternatively contact us by e-mail at training@salamahconsulting.com

Course Fee

Payment :

US\$ 1040 per delegate for the two day course including Coffee Breaks and Refreshments.(without accommodation)
Please Note : English will be used in all Lectures and Notes.