



Essentials of Asset Integrity

Familiarize yourself with the concepts, vocabulary, terminology and technique associated with Asset Integrity. Appreciate the use of Risk Based Inspection and Corrosion Management and evaluate your subcontractors.

Course Date	Course Duration	Course Location	Course Fee
From 11 Jul. 2011 To 13 Jul. 2011	3 days	Paris France	AED 13,200.00 USD 3,600.00

Asset Integrity

Asset integrity can be defined as the ability of an asset to perform its required function effectively whilst safeguarding life and the environment. Meaning they are maintained in use and fit for the purpose over the whole lifecycle of the asset.

Why Asset Integrity

Asset integrity is considered as one important element to improve productivity in oil & gas production facilities (production, refining, and distribution).

Course Description

With the collaboration of INEXSE France, this course will present the concepts and techniques involved in Asset Integrity supported by case studies acquired through real life experience.



Course Objectives

Attending our Essential of Asset Integrity seminar will help you to:

- Understand the basic principles of each concept and method.
- Differentiate and appreciate the implementation of each method on a case by case scenario.
- Identify the advantages and restriction of every method on the ground.
- Understand and weigh information provided by Asset Integrity System.

How You Will Benefit

You will gain basic understanding of the principles of Asset Integrity in order to understand problems and Benefits during Asset Integrity methods implementation. The seminar is appropriate for experienced persons and more specifically for graduate staff that needs systematic training in the subject.

What Will Be Covered

The following Asset Integrity methods and techniques will be covered:

- Asset Integrity concepts
- Corrosion Management
- Risk Based Inspection
- Fitness For Service
- Inspection, NDT (Non Destructive Testing)
- Advanced techniques and methods to reduce inspection costs
- Reading Asset Integrity related reports, and evaluate your subcontractors

Who Should Attend

Managers, team leaders engineers, surveyors and inspectors who look for general knowledge of Asset Integrity methods and require some hands-on experience.



Course Contents

Asset Integrity General Overview

- Introduction
- Definitions
- General organization of an Asset Integrity Management System
- Standardization and codes

Corrosion Management

- Corrosion Basics
- Main corrosion factors
- Type of corrosion in Oil & Gas Industry
- Corrosion Management
- Standardization and codes

Risk Based Inspection (RBI)

- RBI concepts
- Implementation
- Standardization and codes

Fitness For Service (FFS)

- FFS concepts
- Implementation
- Standardization and codes

Inspection and Non Destructive Testing (NDT)

- Inspection and NDT implementation
- Main NDT Methods
- Personnel Qualification
- Standardization and codes

Critical review of use of Asset integrity methods

- Methods comparison
- General organization and implementation
- Case study



Course Leader

François Gachet

Welding, NDT, Inspection and Mechanical Engineering Specialist

François Gachet has over 13 extensive years in Inspection, Material, NDT and Expertise where he started and developed his knowledge and experience in France and moved to the GCC for the past three years.

He has started in maintenance and rebuilding of industrial assets, and resumed as a Material and NDT Engineer and Trainer to finally complete this first stage of his professional life as an NDT Training Product Manager. He realized a leap in his professional experience when he was promoted to International Operations Manager and French Overseas Territories Director for NDT, Inspection and Expertise. After a successful year and a half in Qatar, he came to Abu Dhabi to develop expertise and knowledge transfer in Asset Integrity and NDT.

François Gachet holds a Masters Degree in Business Administration and in Engineering Science (Mechanical Structures and Systems) as well as a Certificate in Non-Destructive Testing and Welding (International Welding Technologist – IWT, former COFREND UT level III PT, MT level II).