Asset Integrity Management for Process and Oil and Gas Industry

ECC
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Why Shoud attend this training ?

• To understand the Asset Integrity Management concept for high performance achievement.

• To understand the concept of KP3, PAS 55 and ISO 55000 standards.

• To understand the importance of Reliability, Maintenance risk management and Human factor as part of the asset management.

• To understand the asset performance index in different organizational levels.

• To understand the asset integrity management, audit and evaluation process based on ISO 55000 standard.

• To understand the FRACAS concept as basic of data collection and failures assessment.

• To understand and apply the Reliability 4.0 concepts to automatic prediction.

• To understand and apply the concept of Maintenance Management (Software Aladdin)

• To understand the concept of Artificial Intelligence applied to asset integrity

Who Shoud attend this training ?

Reliability Managers, Reliability Engineers, Asset Managers, Maintenance Managers, Maintenance Engineers.

Training Outline:

Day 1:

• Module 1: Introduction

• Module 2: Asset Management concept

• Module 3: Concept of KP3 Program and ISO 55000

• Module 4: Asset Integrity Management Concepts

• Module 5: Asset Integrity performance KPI´s

• Module 6: Risk Management program

• Module 7: Reliability & Maintenance program

• Module 8: Human factor assessment

• Module 9: Artificial Intelligence applied to AIM

Day 2:

• Module 10: FRACAS and Reliability 4.0

• Module 11: Asset Integrity Management process.

• Module 12: Inspection, PM, CM and WO register

• Module 13: Routine management for Asset Integrity Management.

• Module 14: Lessons learned, Team Management and Leadership

• Module 15: Asset Integrity Managemeent Audit

• Module 16: Case Study and exercise (Integrity PRO)

Trainer : Dr Eduardo Calixto, CRP, CFSE.,

He's Reliability and Safety Engineer Expert with over 18years experiences in Oil & Gas, Railway, Aerospace and Mining Industries. He has Doctoral Degree in Energy and Environmental, Master in safety System Management, Bachelor in Industrial Engineering. Author of the best seller Book Gas and Oil Reliability Engineering: Modeling and Analysis (material content of this training).

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