



Reliability & Maintenance Program Implementation for Process and Oil and Gas Industry

SECURE YOUR PARTICIPATION!

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Why Shoud attend this training ?

- To understand the Reliability & Maintenance program elements such as R&M requirement, R&M organizational Infrastructure, Methods and deliverables, R&M Plan;
- To understand the Reliability & Maintenance implementation barriers such leadership, culture, resources and organizational structure;
- To understand the different types of FMEA such as DFMEA, SFMEA, PFMEA,;FMEA;
- To understand the FMEA Management elements
- To understand the RCM concepts and the link with FMEA as well as the link with the CMMS and Asset management system;
- To understand the RCM Management lements;
- To understand the FRACAS concepts, the link with FMEA analysi and it implementation before operation phase;
- To understand the Lifetime Data Analysis Concepts and application as input for RAM analysis and the warranty verification and validation;
- To understand the RAM analysis concepts and application to predict system performance;
- To understand the Asset management process and the importance input and support from the R&M program.

Who Shoud attend this training ?

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

Training Outline:

Day 1:

- Module 1: Introduction
- Module 2: Reliability & Maintenance concepts
- Module 3: Reliability & Maintenance Program
- Module 4: Reliability & Maintenance barriers
- Module 5: FMEA concepts
- Module 6: FMEA application cases
- Module 7: FMEA Management
- Module 8: RCM concepts
- Module 9: RCM application cases
- Module 10:RCM Management

Day 2:

- Module 1: FRACAS concepts
- Module 2: FRACAS cases
- Module 3: LDA concepts
- Module 4: LDA cases
- Module 5: RAM Analysis concepts
- Module 6: RAM Analysis cases
- Module 7: Human Reliability Analysis
- Module 8: Asset management Process



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).

