



**EDUARDO CALIXTO**  
CONSULTING

# Asset Management for Process and Oil and Gas Industry

## SECURE YOUR PARTICIPATION!

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### Why Shoud attend this training ?

- To understand the Asset Management concept for high performance achievement.
  - To understand the concept of PAS 55 and ISO 55000 standards.
  - To understand the importance of Reliability, Maintenance and Asset Integrity programs as part of the asset management.
  - To understand the asset performance index in different organizational levels.
  - To understand the asset management, audit and evaluation process based on ISO 55000 standard.
  - To understand the reliability 4.0 and FRACAS 4.0 concept as basic of data collection, failures assessment and automatic reliability and reliability growth automatic prediction.
  - To understand the Artificial Intelligence concepts applied to maintenance 4.0.
  - To understand the concepts of Prognostic Health Management concept and example (Software ARULE).
- To understand and apply the concept of Maintenance Management (Software Aladdin)
- To understand the preventive actions risk evaluation to prioritize the most important actions.
  - To understand the maintenance Management and steps such as Maintenance plan and maintenance work order concept

### 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 PAS 55 and ISO 55000
- Module 4: Asset Performance KPI's
- Module 5: Reliability & Maintenance Engineering program
- Module 6: Asset Integrity Management Program
- Module 7: Prognostic Health Management (ARULE)
- Module 8: Artificial Intelligence: Applied to Maintenance 4.0

#### Day 2:

- Module 8: Maintenance Management (Aladdin Software)
- Module 9: Asset Management Process
- Module 10: FRACAS and Reliability 4.0
- Module 11: Operational Risk Assessment.
- Module 12: Inspection, PM, CM and WO register
- Module 13: Routine management for Asset Management.
- Module 14: Lessons learned, Team Management and Leadership
- Module 15: Asset mangement Electronic reports
- Module 16: Asset Managemement Audit
- Module 17: Asset Managemement Exercise practice 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).

