



EDUARDO CALIXTO
CONSULTANT

Training Program	: ASSET MANAGEMENT
Discipline	: RELIABILITY & MAINTENANCE ENGINEERING
System	: PROCESS PLANT AND EQUIPMENT
Equipment	: Compressors, Pumps, Valves, others
Training Focus	: Asset Management Concept and application
Lesson Code	: 101
Lesson Title	: ISO 55000, Asset management, KPI's, Maintenance register, Support programs (RAM, ILS AIM), Asset Integrity Management Concepts.
Training Elements	: PAS 55 and ISO 55000 Concept, RAM program, ILS Program, Asset Integrity Program, Asset management elements, Asset management practical exercise in Software (Integrity PRO).

Training Objectives:

- To understand the Asset management concept as the basis for high performance achievement.
- To understand the concept of PAS 55 and ISO 5000 standards.
- To understand the Reliability & Maintenance concept as basic of asset performance achievement.
- To understand the importance of Reliability and Maintenance programs as part of the asset management.
- To understand the asset integrity management program as part of asset management.
- To understand the Integrated logistic support program as part of 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 FRACAS concept as basic of data collection and failures assessment.
- To understand the preventive actions risk evaluation to prioritize the most important actions.
- To understand the maintenance plan and maintenance work order concept applied to different asset during the operational phase.
- To understand the routine management as part of asset management
- To implement asset management based on Integrity PRO SaaS solution.



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Day 1:

Subject	Activity	Time	Resources
Module 1 - Welcome and Introduction of participants and trainer, scope of training.	Theoretical	30 min	Forms & PPT
Module 2 - Asset management concept	Theoretical	30 min	PPT
Module 3 - Concept of PAS 55 and ISO 5000 standards	Theoretical	60 min	PPT
Module 4 - Reliability & Maintenance concept as basic of asset performance achievement.	Theoretical	60 min	PPT
Module 5 - Asset performance KPI's for different organizational levels.	Theoretical	60 min	Integrity PRO Saas Software & PPT
Lunch Break: 12:30 – 14:00 hrs.			
Module 6 - Reliability & Maintenance Engineering program	Theoretical	120 min	PPT
Module 7 - Asset integrity program	Theoretical	120 min	PPT

Day 2:

Subject	Activity	Time	Resources
Module 8 - Asset management Policy and golden rules	Theoretical	30 min	PPT
Module 9 - Asset management Process	Theoretical	30 min	PPT
Module 10 - FRACAS for corrective maintenance register	Theoretical	60 min	PPT
Module 11 - Inspection Preventive and Maintenance register	Theoretical	60 min	PPT
Module 12 - Routine management for Asset Management.	Theoretical	60 min	PPT
Lunch Break: 12:30 – 14:00 hrs.			
Module 13 - Lessons learned and Team Management	Theoretical	30 min	PPT
Module 14 - Asset management Report and Results	Practical	30 min	PPT
Module 15 - Asset management, audit and evaluation process based on ISO 55000 standard	Practical	60 min	Excel template
Module 16 - Case studies and exercises in Integrity PRO.	Practical	120 min	Integrity PRO