



Introduction to Reliability for Managers

Consultant / Trainer:

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This **Petrogenium**. Introduction to Reliability for Managers course gives a short overview of reliability, concepts and practical application. Ideal for busy managers and top executives to get a good overview of what reliability is about and how it can benefit the organisation.

The course is conducted in 1 day (between 6-8 hours) and may be F2F or online.

Participants

This **Petrogenium**. course can be tailored for awareness/inexperienced staff, for intermediate and for experienced personnel. Furthermore the course can be customized for a specific refinery, plant or unit. The option for post-course consultancy/help-desk support is also available.

Participants may include: managers from: Maintenance, Operations, Process Engineering, Contracts/Procurement, Warehousing, Safety, Human Resources, Environment and Health, Finance, Economics and Scheduling, Turnaround, etc.

Learning Objectives

This course provides a brief overview of reliability and how it impacts the way assets in the facilities could be effectively managed. It offers an insight in basic reliability concepts and how it is applied in the real world. Case studies and practical exercises will demonstrate how it changes the paradigm beliefs of the participants of this course.

Programme

Day 1

- Objectives & Premises
- Building the Case for PM Tasks
 - Stages to Maintenance Excellence
 - Maintenance in the overall business process
- Maintenance & Reliability Principles
 - Meaning of "Maintenance"; Need for Maintenance; Evolution of Maintenance
 - Equipment Life & Failure Patterns
 - Failure Pattern F: Infant Mortality
 - Features of Poor Maintenance
 - Modern Reliability Views
 - Maintenance Options
- Maintenance Policies
 - Stand-alone
 - Dedicated duty
 - Dedicated standby
 - Run-to-Failure
 - Hidden Failure
- RCM Application
 - Benefits
 - IPF, RBI and RCM Development