



DIGITAL SOLUTIONS

TARO TRAINING

Course code: TA-01

Duration: 2 days

Prerequisite:

This course is suitable for new users who should preferably have a basic understanding of Reliability, Availability and Maintainability (RAM) analysis applied to the process industry. The course is also suitable for more experienced users who have not attended a formal training course or would like a refresher course.

DESCRIPTION

The course provides extensive guidance on how to use Taro to perform a range of analyses from a basic to a more advanced Reliability, Availability and Maintainability (RAM) study to a more comprehensive plant-wide life-cycle performance analysis. All the key aspects of typical downstream asset evaluation and optimisation studies are covered.

Some of the topics included are:

- Overview of Taro modelling approach
- Modelling typical operational procedures for downstream assets such as tank level management, logistics operations, re-routing of production.
- Construction of practical examples such as oil refinery, LNG terminal and petrochemical facility
- Interpretation of results produces
- Sensitivity analysis ('what-if' scenarios) to evaluate alternative design configurations, operational strategy and maintenance philosophy

LEARNING OBJECTIVES

The aim of the course is to review the main features and functionality available in Taro. You will be required to practise and apply your new knowledge of the software through extensive exercises. Upon completion of this course you should be able to scope, create and run a RAM analysis, produce results and investigate their meaning.

TARGET GROUP

Users who need to carry out or understand the output of RAM analysis and Asset Evaluation & Optimisation Studies in the downstream and supply chain sector of the oil and gas and refining industries.