



Advanced standards for management in the technical development of maintenance projects



29 June - 3 July 2025



Cairo (Egypt)

# Advanced standards for management in the technical development of maintenance projects

course code: O11245 From: 29 June - 3 July 2025 Venue: Cairo (Egypt) - InterContinental Cairo Semiram course Fees: 3700 Euro

## General framework

- Learn the basics of maintenance management systems.
  - Identify types and strategies of maintenance and factors affecting them.
  - Prepare project engineers to work as maintenance engineers.
  - Identify the appropriate maintenance method of the facility and ways of renewing the better:
  - Self-maintenance or contractual maintenance.
  - Clarifying the types of maintenance contracts. - Requirements to be met in
  - Contract according to the FIDIC formula.
  - Preparation of maintenance contracts documents. - Identify Strategies
  - Dealing with Maintenance Contractor.
  - Evaluation of Maintenance Bids.
  - Supervision of maintenance contracts.
  - Securing spare parts through maintenance contracts.
  - Receipt and delivery of the site in maintenance contracts.
  - Preparation of the necessary specifications for the purchase of computer programs to manage maintenance work.
  - Evaluating the available computer programs and selecting the most suitable ones.
  - A review of a computer maintenance program.
  - Open a dialogue between the participants to exchange experiences on the program topics.
- Calculation of maintenance effectiveness indicators
  - Identify appropriate standards for performance measurement
  - Make plans for preventive maintenance and follow up those plans
  - Develop maintenance plans for stops and amphitheaters and follow up their implementation
  - Flexibility in adjusting plans to cope with emergency work
  - Evaluating the financial and accounting performance of the maintenance department
  - Performance evaluation of spare parts inventory management

The workshop includes the general criteria for evaluating the maintenance and how to prepare the data necessary for that evaluation. - Develop preventive maintenance plans, repair maintenance, maintenance of stops and follow up of these plans and flexibility in adjusting them to meet the emergency - measuring financial and accounting performance as well as measuring performance for inventory management and availability of spare parts when required as a service level.

Introduction and Concept: Maintenance management as a pattern of business or trade



