


PMIS

 Training, Mentoring & Coaching Services
 For Planning & Scheduling

SCHEDULE FORENSIC TRAINING

ORACLE

 Gold
 Partner


FDA-001: Introduction to Schedule Forensic Delay Analysis

Course Title	FDA-001
Prerequisite	No prior knowledge required but a basic understanding of Planning & Scheduling is an advantage but not a necessity.
Delegate Profile	Planners, Schedulers, Quantity Surveyors, Engineers, Project Managers, Contract Managers/ Directors, Claims Specialists
Trainer Profile	The course will be delivered by instructors with decades of experience in Contract Management, Planning & Scheduling Forensic Delay Analysis (FDA).
Course Duration	3-days (09.30am till 4.00pm)

Payment must be received in full upon registering in order to secure your place.

Contact us for further information. Please state if you would like a privately run course or wish to attend our public course and list the number of delegates wishing to attend.

Course Summary

This is a practical hands-on course with no software product used throughout, and provides in-depth training on the principles behind Schedule Forensic Delay Analysis. It commences with the fundamentals of creating a quality CPM Programme and investigates how to interrogate the quality of a Programme against the DCMA 14-Point Schedule assessment and in line with global best practices for planning & scheduling. We will then introduce delay analysis techniques, and discuss their applicability and use. Finally, we will discuss current contractual issues that impact the handling of delays.

We will interrogate sample scenarios and how to review these programmes based against the various methods of delay techniques taught in the class.

This course can be privately run which facilitates a maximum of 9 delegates. If you wish to register your group on this course please contact us.

Learning Outcomes

Understand the fundamental principles behind CPM Programmes

Interrogate the quality of a Programme

Have an understanding of the DCMA 14-Point Analysis

Have an understanding of planning & scheduling best practices

Differentiate between the different forms of Delay Analysis

- As-Planned Vs As-Built
- Impacted As-Planned
- Collapsed As-Built
- Time Impact Analysis
- Windows Analysis

Deliver effective presentations of Delay Analysis

Appreciate how various contract clauses impact Delay Analysis

Differentiate between Mediation, Conciliation, and Arbitration

At the completion of this course the student will be able to

Understand CPM scheduling techniques.

Analyse quality of a Programme.

Identify a construed Critical Path.

Display schedule delays based on variety of delay methods.

Understand requirements based around quality of details for As-Built information.

Capture impacts against a Programme in an organised way during the life cycle of the project.

Understand Contract requirements in relation to the Programme.

Course Outline

Day One (Scheduling)

Developing a programme

Impact of Calendars, Holidays, Weather & Contingency on Programmes

Risk Management within your Programme

Analyse & Auditing a Programme

Understanding Responsive Programmes

Frequent Programme Issues

Day Two (Delay Analysis)

Managing The Contract Programme

Progress Slippage

SCL Delay & Disruption Protocol

Delay Analysis Methods

Selection of FDA Method

Day Three (Contracts)

Introduction to Contracts

Contract Requirements in Relation to Programme

Float Ownership

Identification of the Causes of Delays

Documenting Cause & Effect

What is/is not a compensable Delay for a Contractor

Mediation, Conciliation & Arbitration

Workshops

Identify Critical Path

Manually calculate Early & Late Dates

Manually create Network diagram

Manually calculate Total Float

Calculate Triple Point Estimate

Identify different delay types

Perform As-Planned vs As-Built analysis

Perform Impacted As-Planned analysis

Perform Collapsed As-Built analysis

Perform Time Impact analysis

Contract Reviews