



Program Management Information Services Ltd.

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CELEBRATING
175 YEARS
1835-2010



Course SM006:

Preparation of Construction Programmes for Delay Analysis

The aim of this course is to provide the student with the understanding of how to go about creating a Programme using the five main methods of delay analysis. A sample Programme will be used in the class with theoretical delay scenarios which the student will then work through to create five different methods of delay analysis.

Course Aims:

- An overview of good Programme Control techniques
- Indicators in the Programme to be aware of when considering Delays
- A better understanding of the five main methods of Delay Analysis:
 - As-Planned Vs As Built
 - Time Impact Analysis (Either Prospective or Retrospective Check)
 - Impacted As-Planned (Prospective)
 - Collapsed As- Built (Retrospective)
 - Windows Analysis
- An overview of the issues that may impact on a Delay Analysis

Course Objectives:

- How to identify Construction Delays
- How to analyse a Construction Delay
- How to create a Programme using the five main methods of Delay Analysis

Professional Development and Continuing Education Units:

- Engineer Ireland CPD Credit: 1

Prerequisite: None

Course Length: 1 day

Course Price Per Person: €595 per person inclusive of lunch and refreshments at breaks

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

Training Method:

- Interactive Learning - Group Discussion, Breakout Sessions, Presentation
- A high level of participation will be encouraged in the training modules to enable the participants to learn from each other's experiences and to enable a dynamic and non-theoretical format.
- PowerPoint, handouts and flipcharts will be utilised.

Participant Profile:

- Programme / Project Managers; Planners / Schedulers; Contractors; Sub-Contractors
- Anyone interested in furthering their knowledge in relation to preparation of the five methods of Delay Analysis in construction Programmes.



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Course Outline:

- Welcome & Introduction to the Training Day
- Identification of Construction Delays
 - Establish a Basis for Identifying Delay
 - Factual Evidence And As-Built Programmes
 - Identification And Analysis of Disruption
- Analysis of Construction Delays
 - Introduction to Delay Analysis Techniques
 - Explanation of the Available Techniques
 - Selection Criteria And Guidance
- Frequent Issues which arise in relation to any Project Programme
 - Float
 - Delays
 - Concurrency
 - Weather
 - Programme Approvals
 - Employer's or Works Requirements
 - Acceleration
 - Mitigation
- Workshop on Sample Data to Prepare the Following Programmes:
 - As-Planned Vs As Built
 - Time Impact Analysis
 - Impacted As-Planned (Prospective)
 - Collapsed As- Built (Retrospective)
 - Windows Analysis