

Planning, Scheduling & EVM Training Programme **Program Reference #: 101A**

Programme Description:

Dedicated 2 days training module in a structured and professional manner on Project planning, scheduling, controlling and measuring projects.

Programme Structure:

1) Project Controls Guidelines, Objectives & Model

2) Principles of Planning

- Definition
- Typical questions while developing a plan
- Deliverables associated with plan
- Level of details essential for planning
- Key Components/Elements of plan
- Planning Terms
 - WBS & its Importance
 - Network Diagrams

The fundamental tools and techniques demonstrated in this session will help participants gain an understanding of cutting edge planning & scheduling concepts, practices and methodology. With this understanding, participants would be able to create 'actual' plans.

3) Principles of Scheduling

- Definition
- Importance
- Types of Schedules (Milestone Summary Schedule, Project Intermediate Schedule, Short-Term Rolling Schedules)
- Scheduling Terms: Activity, Work Package, Milestone, Float, Critical Path, Durations, Calendars, etc.
- Understanding of Logics/relationships : SS, FF etc
- Schedule Hierarchy & Levels
- Scheduling Insight and Process
- Process/Phases
- CPM & Calculation
- Common Scheduling failures
- Resource Scheduling
- Schedule Characteristics "Key Elements"

Participants in above session will achieve and learn the best tools and techniques for scheduling the projects in most professional and effective way.

4) Introduction to Earned Value Management (EVM)

- Project Analysis
- Understanding EVM Terms & concepts
- Overview on Progress and Performance Curves
- Management Reporting

Earned Value Management (EVM) is a project management system that combines schedule performance and cost performance to answer the question, “What did we get for the money & time we spent?” This module is designed to assist participants in setting up and implementing a fully integrated EVM system.

Target Audience: Suitable for beginners and intermediate professionals providing brief overview and introduction on aspects mentioned above. Advanced level courses covering each topic in detail are available separately.

This training course is intended for:

- Project engineers
- Project development engineers
- Operation engineers
- Cost estimators & engineers
- Planning Engineers
- Project Controls Engineers
- Planners
- Schedulers
- Commercial managers
- Quantity surveyors
- Project support managers
- Proposal manager
- Tendering managers

This course is purely for Engineering, Procurement and construction Projects in the following sectors:

- Oil and gas
- Petrochemical
- Infrastructure
- Power Plants
- Turnkey and Pipeline Projects

Programme format:

This programme will be delivered in an interactive and practical, tutorial style format. Theory will be supported and illustrated through a combination of real-world examples. This training is prepared & conducted by *Project Controls Professional* and hence the approach is practical with focus on day today issues faced by practitioners.

About Trainer:

Anil Godhawale; Anil is Director of ProjCon Consultants and Founder of ProjectControlsOnline.com. Anil is BEng (Mechanical) & MBA (Finance) by qualification and has over 15 years of international field and home office experience in Project Planning & Scheduling, Cost Engineering, EVA, Risk and Delay Claims Analysis with project values ranging from \$10M to \$1.5B. Anil has a strong Project Controls background & has worked in all phases of projects in various sectors that includes Petroleum & Chemicals, LNG regasification & liquefaction facilities, CCU's (Carbon Capture Units), Power Projects and Pipelines.

Anil is also very active with industry professional associations as fellow at ACostE, UK and member of AACEi, USA and APM SIG (Special Interest Group) for Planning. Anil is a contributor to CIOB's (UK) guidelines for accreditation in Time Management and APM Planning Guide. Anil also holds distinguished Project Controls Certifications CCE & PSP from AACEI, USA and is a registered member (IEng) of Engineering Council UK. Find out more about Anil and his contribution to industry by visiting

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