

## Oracle Primavera V6.2.1 – Resource Management Programme Reference # 202A

### **Programme Description:**

Dedicated 1 full day training module in a structured and professional manner covering Oracle Primavera (V6.2.1) with focus on Resource Management.

### **Required Pre-requisites:**

Basic Project Management knowledge`  
Basic understanding of Oracle Primavera V6.2.1 or onwards

### **Programme Structure:**

#### Session 1:

- Understanding Planning and Scheduling Software
- Enterprise Project Management
- Understanding Your Project
- Level 1 – Overview on Planning without Resources
- Level 2 – Overview on Monitoring Progress without Resources
- Level 3 – Scheduling with Resources, Roles and Budgets
  - Estimating or Planning for Control
  - The Balance Between the Number of Activities and Resources
  - Creating and Using Resources
  - Creating and Using Roles
  - The Relationship Between Resources and Roles
  - Activity Type and Duration Type
  - Budgets
  - Resource Usage Profiles and Tables
  - Resource Optimization
- Level 4 – Monitoring and Controlling a Resourced Schedule
  - Monitoring Projects with Resources
  - Controlling a Project with Resources

#### Session 2:

- Creating roles & resources
  - Understanding Resources
    - Individual Resources
    - Group Resources
    - Input and Output Resources
  - Creating Roles
  - Creating Resources and the Resources Window

- Resource Breakdown Structure - RBS
- Formatting the Resources Window
- Adding Resources
- General Tab
- Codes Tab
- Details Tab
- Units and Prices Tab
- Roles Tab
- Notes Tab
- Timesheets Tab
- Editing Resource Calendars
- Workshop - Adding Roles and Resources to the Database

### Session 3:

- Assigning Resources & Expenses
  - Understanding Resource Calculations and Terminology
  - Project Window Resource Preferences
    - Resources Tab
    - Understanding Resource Option to Drive Activity Dates
    - Calculations Tab
  - User Preferences Applicable to Assigning Resources
    - Units/Time Format
    - Resource Assignments
    - Assignment Staffing
  - Activity Window Resource Preferences and Defaults
    - Details Status Form
    - Activity Type
    - Duration Type
  - Assigning and Removing Roles
  - Assigning and Removing Resources
    - Assigning a Resource to an Assigned Role
    - Assigning a Resource to an Activity Without a Role
    - Removing a Resource
    - Assigning a Resource to an Activity More Than Once
    - Resource and Activity Duration Calculation and Resource Lags
    - Activity Duration
    - Resource Lag
  - Expenses
    - Expenses Window
    - Expenses Tab in the Activities Window
  - Suggested Setup for Creating a Resourced Schedule
  - Workshop - Assigning Resources and Expenses to Activities

### **LUNCH BREAK**

## Session 4:

- Resource Optimization
  - Reviewing Resource Loading
    - Activity Usage Profile
    - Resource Usage Spreadsheet
    - Resource Usage Profile displaying a Resource Histogram
    - Resource Usage Profile displaying S-Curves
    - Activity Usage Spreadsheet
  - Methods of Resolving Resource Peaks and Conflicts
  - Resource Levelling
    - Methods of Resource Levelling
  - Resource Levelling Function
    - Level Resources Form
  - Levelling Examples
    - Levelling with Positive Float
    - Levelling without Positive Float
  - Resource Shifts
    - Creating Shifts:
    - Assigning Shifts to Resources
    - Levelling With Shifts
  - Guidelines for Levelling
  - What to Look For if Resources Are Not Levelling
  - Resource Curves
  - Editing the Resource Usage Spreadsheet – Bucket Planning
  - Workshop - Resources Optimization

## Session 5:

- Updating a Resourced Schedule
  - Understanding Budget Values and Baseline Projects
    - Cost and Units Budget Values
    - Baseline Project and Values
  - Understanding the Current Data Date
  - Information Required to Update a Resourced Schedule
  - Project Window Defaults for Updating a Resourced Schedule
  - Activity Window - Percent Complete Types
    - Assigning the Project Default Percent Complete Type
    - Physical Percent Complete Type
    - Duration Percent Complete Type
    - Units Percent Complete Type
  - Using Steps to Calculate Activity Percent Complete
  - Updating the Schedule
    - Preferences, Defaults and Options for Updating a Project
    - Updating Dates and Percentage Complete
  - Updating Resources

- Resource Tab
    - Status Tab
    - Applying Actuals
  - Updating Expenses
  - Store Period Performance
  - Workshop - Updating a Resourced Schedule
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- New feature in Version 7:
    - Brief overview on Bucket Planning

## Session 6

Interactive discussions and Q&A

### **This training course is customised 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, but not limited to:

- 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:**

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**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 ACEI, 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 ACEI, USA and is a registered member (IEng) of Engineering Council UK. Find out more about Anil and his contribution to industry by visiting [www.linkedin.com/in/godhawale](http://www.linkedin.com/in/godhawale)