

## Project Risk Management (PRM) & Analysis Training Program Reference #: 103A

### **Programme Description:**

Dedicated 1 day training module in a structured and professional manner on Project risk Management application on projects.

### **Programme Structure:**

#### Risk Management Process (Standard ISO 31000)

- Context Establishment
- Risk Assessment
  - Risk Identification
  - Risk Analysis
  - Risk Evaluation
- Risk Treatment
- Risk Monitoring and Controls
- Risks Consultation and Documentation

#### Risk Analysis

- Overview
- Risks and Opportunities (R&O)
- *Qualitative Risk Analysis*
  - Introduction & Overview
  - Identification of Risk Factors
  - Generic Risk Categories for Analysis
  - Applications and limits
  - Evaluation Example
- *Semi-Quantitative Risk Analysis*
  - Brief Overview
  - Applications and limits
  - Evaluation Example
- *Quantitative Risk Analysis*
  - Introduction and Overview
  - Applications for Projects
    - Cost Risk Analysis (CRA)
      - Project Cost Management (PCM) Overview
      - PCM Process (PMBOK)
      - Cost Estimate Inputs & Outputs (PMBOK)
      - CRA Overview
      - CRA Objectives
      - C&R&O Register and Quality Check
      - Uncertainties & Events
      - Probability Distributions

- Simulation Methods, Process, Tools & Output
- Common Deficiencies
- Action Plan and Treatment Options
- Cost Monitoring and Controls
- Schedule Risk Analysis (SRA)
  - Project Time Management (PTM) Overview (PMBOK)
  - PTM Process (PMBOK)
  - Project Schedule Development
    - Methods
    - Inputs
    - Outputs
    - Major Challenges
    - Risks & Opportunities (R&O)
  - SRA Overview
  - T&R&O Register and Quality Check
  - Uncertainties & Events
  - Probability Distributions
  - Simulation Tools & Output
  - Action Plan and Treatment Options
  - Time Monitoring and Controls

**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 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

Copying or duplication of content is strictly prohibited. Copyright (@2011). All rights reserved. ProjCon Consultants (www.ProjCon.co.uk) is registered in England & Wales under registration no 06803182 and VAT number 104945913.

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

[www.linkedin.com/in/godhawale](http://www.linkedin.com/in/godhawale)