

PLANNING, SCHEDULING, RISK & COST CONTROL FOR ENERGY PROJECTS

7th – 8th October 2010

5* Hotel to be Advised, Kuala Lumpur, Malaysia



Josh A. Medica

- President at Integrated Consulting LLC

"Increase the success rate of delivering projects on time and within budget by implementing industry proven forward trending for schedule tracking and optimization, cost analysis and effective risk management."

****PMI credential holders are able to earn PDUs for continuing certification requirements (CCR)**

Upon completing this 2-day training, delegates will be able to:

- Insert Proven Control Points within the Projects Life Cycle to Increase Success Rate
- Minimize Project Surprises
- Identify and Quantify Project Risks
- Understand Project Trending
- Utilize schedules to your advantage
- Stabilize your Cost Forecasting
- Prepare Proper Cash Flow Forecasting
- Communicate Project Trending
- Calculate Project Schedules based on Work Breakdown Schedule and PERT/CPM analysis
- Predict Future Project Performance based on Historical Data

BOOK NOW!
Save up to
SGD 900
off the regular
price

HRDF Claimable

(Subject to PSMB approval.)
For further information,
kindly contact Pembangunan
Sumber Manusia Berhad
Customer Service Hotline at
+603 2096 4600.

Some of the projects Josh has assisted his clients with:

BP US Pipelines and Logistics North America (1MM – 75MM)

Integrated Project Controls for EPC projects through gated processes across US. Created, implemented, and maintained schedule and cost standards, risk management, and earned value reporting.

Enbridge Pipeline USA (1.5 – 2 Billion)

Implemented EPIC Schedule and earned value tracking for onshore pipeline crude project. Maintained master project schedule, cost forecasting, earned value reporting, and change management.

Chevron CNL Gas Projects Olokola Project (250MM)

Review tender for potential exposures, change management, reporting structure, and project controls plans.

Petrobras USA (150MM – 200MM)

Implemented EPIC Schedule and earned value tracking for offshore green field drilling project. Maintained master project schedule, cost forecasting, earned value reporting, and change management.

Official Media Partners:



PLANNING, SCHEDULING, RISK & COST CONTROL FOR ENERGY PROJECTS

About Your Trainer:

Josh Medica is the President of Integrated Consulting LLC in Houston, Texas. He specializes in providing project management and controls services to the **onshore and offshore oil, gas, petrochemical, pipeline and power industries**. In his roles with organizations such as Global Offshore Industries, Technip Offshore, Chicago Bridge & Iron formerly, he has coordinated tasks to ensure timely and accurate reporting on hundred-million dollar projects. Considered an expert in PLC, Risk Management, EVM, Cost Forecasting and Scheduling, Josh has had formal speaking engagements around these issues for the Universities, Industry Organizations, Tradeshow, and several end user clients worldwide.

Josh has accumulated over 15 years of executive and consulting experience with global organizations based in China, India, Thailand, Canada, Mexico, Trinidad, and the United States. His company has conducted consulting, training, and controls implementation for leading organizations including: **BP, AGL, Williams Energy Services, Chevron, Enbridge Inc. and Petrobras to name a few.**

Selected Testimonials from Clients about the Trainer:

"Lots of great insight to minimize project exposures"

- Director, British Petroleum

"Integrated these proven control points drastically increases your projects success rate"

- Executive Vice President, Global Industries

"Definitely will integrate tools learned"

- Project Manager, Petrobras

"Great understanding of what the industry is doing and how we can apply to better our projects"

- Vice President, AGL

Who Should Attend?

This course should be attended by practicing project managers and team members, functional managers, owners, contractors, and suppliers involved with the implementation and control of projects.

Some of the positions include: Managers, Supervisors, Leads, Team Leaders, Vice Presidents, General Managers, Directors, Engineers, Controllers from the Oil & Gas, Chemicals and Power industries. The typical departments will include:

- | | | |
|------------------------|-----------------------------|---------------------------|
| •Projects | •Engineering | •Operations |
| •Cost Control | •Capital Management | •Process |
| •Scheduling & Planning | •Construction & Fabrication | •Procurement & Purchasing |
| •Risk & Safety | •Plant | •Electrical/Mechanical |

PLANNING, SCHEDULING, RISK & COST CONTROL FOR ENERGY PROJECTS

Why Attend This Masterclass?

The purpose of this course is to provide the fundamentals of schedule, budget, and risk development, analysis, and control as they apply to modern project management in all environments. This course is designed for Oil and Gas executives, senior managers, project managers, project controls personnel, and anyone who makes decisions around project life cycle or management. To help understand how these tools can benefit your organization by dramatically increasing your productivity and project control. If you wish to increase the probability of delivering projects on time and within budget, by implementing industry tested and proven methodologies and control points, then this class is suitable for you. Upon completion of this class you will be armed with proven tools to effectively manage and support your projects.

Outcome of the Masterclass

The Planning, Scheduling & Cost Control for Oil & Gas Projects 2-day course will give the participants a set of practical concepts and techniques that will help reap the benefits of understanding the value and how to utilize forward trending and analysis for proper project controlling. Participants will understand what control points to insert within the projects life cycle to increase the project's success rate and form the ability to identify, quantify, plan, and mitigate project risks ensuring no project surprises.

Course Customisation To Your Priorities

Pre-Course Questionnaires will be issued to delegates immediately upon registration for them to address their specific needs and concerns. The trainer will discuss these needs at the workshop.

Why Not Bring This Training Internally?

This training can be customised into an In-house training programme just for your organisation. To find out more, please contact Felicia at:

Tel: +65 6297 8545

or Email: internaltraining@salvoglobal.com



PLANNING, SCHEDULING, RISK & COST CONTROL FOR ENERGY PROJECTS

Course Outline

Day 1 (7th October 2010)

08:30 *Registration and Coffee*

08:55 OPENING REMARKS

09:00 INTRODUCTION

- Introductions/Objectives/Agenda
- Values of Project Controls

09:30 *Refreshments and Coffee*

09:45 EFFECTIVE SCHEDULE DEVELOPMENT AND MANAGEMENT

- Introduction to Scheduling
- Scheduling a Project within the PLC
- Key Components that are Scheduling Foundation
- Relationship Types and types of Schedules
- When adding Roles and Resources to the Schedule adds value
- Resource Leveling Basics
- Managing Baselines
- Managing Work in Progress (ROC)
- Optimizing the Project Plan
- Schedule Change Management
- Schedule Reporting and forecasting (SPI)

12:30 *Networking Lunch*

13:30 COST FORECASTING AND TRENDING

TRACKING AND TRENDING ANALYSIS

- Preparing a Forecast
- Cash Flow Management
- Cost Change Management
- Variance Analysis

15:30 *Refreshments and Coffee*

15:45 EARNED VALUE UTILIZATION

- Cost and Schedule Alignment
- Productivity Development and Reporting
- Forward trending and Reporting (CPI)

17:00 *End of Day 1*

Day 2 (8th October 2010)

08:30 *Registration and Coffee*

08:55 OPENING REMARKS

09:30 INTRODUCTION

Objectives, Day 1 Recap, and Agenda

09:45 RISK MANAGEMENT

RISK IDENTIFICATION

- Risk – Life line of a Project
- Estimate and Schedule Validation Process
- Schedule and Estimate Risk Uncertainty
- Event Driven Risk

12:30 *Networking Lunch*

13:30 RISK ANALYSIS AND FORECASTING

- Schedule Contingency Development and Management
- Estimate Contingency Development and Management
- Pre and Post Mitigation development and planning
- Risk Register
- Incorporating Risk into your forecast

15:30 *Refreshments and Coffee*

15:45

CASE STUDY: PC Implementation -Onshore Pipeline Project

- Schedule Optimization and progressing
- Cost Trending for cash flow
- Schedule and Estimate validation findings
- Control Point integrations

16:30 COURSE OVERVIEW AND CLOSING

17:00 *End of Day 2 and Course*