



PROJECT MANAGEMENT AND LIFE CYCLE COSTING IN MAINTENANCE

March 13-14, 2020 | Marriott Hotel - Karachi | 9:00am - 5:00pm

PROGRAM OVERVIEW:

Project Management and Life Cycle Costing are two of the specialist knowledge areas that have rapidly become essential cornerstones of the Maintenance and Reliability toolkit. Much of the maintenance work in recent years has become project oriented – upgrades, asset component repairs and replacements, shutdowns for example. And managing the whole life cost is an essential ingredient of the approval process as well as the measurement of success.

This two-day course highlights the essential elements of both subjects in a compact and focused training program. In the Project Management module of the program, the concentration is on live project examples taken from the course leader's experience in Maintenance. The Life Cycle Costing module will of necessity touch on the procurement and operations steps, but the primary attention will be on those elements of LCM in which the Maintenance role is key – such as design and specification, installation and maintenance, decommissioning and removal.

The emphasis throughout will be on acquiring a capability that can be readily adapted to the practical work environment. Attendees will be able to decide whether to implement the concepts and ideas learned, or whether a longer training program is required to practice the methods before implementation.

WHO SHOULD ATTEND?

This program is designed to benefit all senior levels of maintenance personnel, especially those involved in the managing, planning and execution of projects – large and small. Specifically - **Superintendents, Managers, Supervisors, Engineers, and Senior Technicians in Operations, Maintenance, Reliability and Physical Asset Management.**

KEY BENEFITS:

- **Knowledge** transfer about two increasingly important asset management techniques
- **Discussions** focused around the customer's own work environment
- **Highlights** of practical techniques that can be applied in the workplace
- **Foundation** and framework for deciding on detailed practice-based training
- **Learnings** based on practical examples
 - Course Leader experienced in Reliability, Asset Management and Finance – has delivered hundreds of successful training programs around the world

Course Facilitator: Ben Stevens

President, DataTrak Systems Inc.

Former President, OMDEC Inc.

Former Consultant at Physical Asset Management Group, PWC Consulting

Over 25 years of cross-industry experience at key positions

Delivered well over 200 training programs



Participants will also be awarded a **DataTrak Systems Inc, Canada certificate** once they have successfully cleared the **assessment at the end of the workshop.**



INVESTMENT

PKR 58,500 +SST
Per Participant

Group Discount is Available

Fee Includes:

- 5 Star Hotel Venue for Training
- Course Material
- Certificate of Attendance
- Lunch & Refreshments
- Business Networking
- **Post-Workshop Advisory Services**
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To: **Umair Tariq, Admin & Accounts Executive**
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Day One

MAINTENANCE PROJECT MANAGEMENT

Part 1: The Basic Building Blocks:

- What is a Project, how does it differ from the daily work schedule?
- Key building blocks defined, how they are developed and controlled in Maintenance
- Project Objectives, Project Planning, Contingency Planning, Measuring success or failure, Project Methodology.
- The Project Leader and the Project Team; their responsibilities – the human dimension

Part 2: Managing Project Scope:

- Defining scope in Maintenance Projects
- How to control scope creep
- How to manage changes in scope
- How to track and resolve issues – what issues are specific to Maintenance Projects
- Project Time Management, how it is planned, measured and tracked
- Work Breakdown Structures for the purposes of Cost Control
- Quality Management and the impact of trading it off against time and cost
- Role and importance of a Recovery Plan – when should it be used

Part 3: Keeping Track

- The fundamentals of Project Reporting - results versus objectives
- Smart Reporting formats for Maintenance Projects– structure and content
- The pitfalls of inadequate reporting
- The issues of risk in Maintenance Projects – definition, measurement and reporting
- Developing and implement a risk reduction plan.
- Procurement for a project - RFP, RFQ, pre-qualification and selection of vendors
- Project Documentation for intelligent information and decision making
- Post-Completion Review – matching the objectives against the achievements, the lessons learned and their carry-forward to future projects

Day Two

LIFE CYCLE COSTING

Part 1 – Laying a Solid Foundation

- Introduction to Life Cycle Costing – Definitions and Overview
- LCC Benefits and Difficulties
- Maintenance Decision Making and LCC Applications
- Simple Practical Example and Lessons Learned

Part 2 – Building the LCC Model

- Data Requirements, Sources of data
- Phases of the Life Cycle
- Cost estimates by Phase
- Performance Measures
- Calculating the Results
- Financial modeling - DCF, IRR and ROI
- Sensitivity Analyses

Part 3 - Applying the Models

- Comparative Evaluations
- Problem Identification and Resolution
- Application of Process to Practical Example

Ben Stevens, President of

DATA TRAK SYSTEMS Inc, Canada, a company



dedicated to developing and selling products and services focused on training and consulting in equipment reliability and maintenance improvement. He has been fully involved with the maintenance and reliability business for more than 25 years

and has experience in all aspects of Maintenance and Physical Asset Management and CMMs/EAM systems, built on the base of a blend of a post-graduate degree in economics, CFO and CAO positions in several manufacturing companies, entrepreneurial experience in the high tech sector and business development. His prior experience included President of Data Trak Systems - a CMMS Distribution, Sales and Implementation company. He was the Vice President Finance for a number of manufacturing companies.

Ben Stevens is a renowned speaker on Maintenance & Reliability and is a frequent speaker at Maintenance Conferences around the world. He has been frequently visiting in the region and has conducted several consulting projects and training workshops on Maintenance & Reliability over the past several years.

Ben Stevens Clients in Pakistan



Bring this program In-house at attractive discount

This workshop can be customized to suit specific needs of your organization which may lead to significant savings. Please contact Sarim Atique at sarim.atique@octara.com or call at 0345-8949470



For Registration & Details:

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