

Maintenance Planning Course

2 Day Course

RGC-MPC02



Rylson Group

Course Outline

Maintenance Planning Course	
Objective	To provide participants with the knowledge and skills in the process of Maintenance Strategy Development, Planning and Scheduling and Shutdown Planning.
Benefits	<ul style="list-style-type: none">▪ Achieve maximum maintenance effectiveness through proper planning and scheduling activities.▪ Become proactive rather than reactive in carrying out maintenance activities.▪ Increase equipment Availability and Reliability.▪ Improve plant safety and profitability.▪ Ability to develop and implement maintenance strategies.
Who Should Attend?	Managers, Maintenance Planners, Supervisors, Team Leaders and Production Personnel who develop and implement the maintenance plan and/or manage the Work Control process.
Course Outline	Introduction to theoretical and practical aspects of Maintenance Strategy Development, preparing detailed maintenance plans and schedules, planning and managing shutdowns and effective Key Performance measures.



1.0 WELCOME AND INTRODUCTION

Icebreaker
Course objectives

2.0 WORK MANAGEMENT SYSTEMS

Concepts
Continuous Improvement Cycle
Work Management System components
Definition of terms

3.0 MAINTENANCE STRATEGY ANALYSIS

Description
Business Operations analysis
Workshop – operations analysis
Failure analysis
Failure Mode Analysis
Maintenance Strategy Analysis and action selection
Spares Analysis
Workshop – Failure Analysis
Work consolidation

4.0 THE PLANNING FUNCTION

Description
The leverage of Maintenance Planning
Planning a maintenance task



The Scheduling Function

Description

Priority

Schedule of work

Backlog

Forward load

5.0 GANTT CHARTS

Description

6.0 RESOURCE LEVELLING

Description

Histograms

Workshop

7.0 SHUTDOWN PLANNING

Description

Pre-Shutdown

The Shutdown

Post-Shutdown

Prolonging equipment operation

8.0 CRITICAL PATH ANALYSIS

Network Diagrams (RPS)

Workshop – Network Diagram critical path

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9.0 KEY PERFORMANCE INDICATORS

Description

KPI application

KPI reporting

Workshop