



Course Outline

SAP PM ECC 6.0

(Plant Maintenance)

Introduction

Plant Maintenance is as an integral part of a company and has links to other Enterprise areas, such as asset and financial accounting. You can take a couple of examples and sensitize the participants to the integration aspects of Plant Maintenance as a part of Product Lifecycle Management.

The R/3 Plant Maintenance (PM) application component provides you with a comprehensive software solution for all maintenance activities that are performed within a company. The uniform, graphical user interface is particularly user-friendly and quickly meets with acceptance, thanks to the numerous possibilities that are available for tailoring it to meet individual requirements. The data and functions of all maintenance procedures performed within a company can be fully interconnected. The openness of the R/3 System enables you to use external systems that are integrated with the PM component, such as geographical information systems (GIS), computer-aided design (CAD) systems and supervisory control and data acquisition (SCADA) systems.

The following list shows the many different branches of industry in which the PM Application component has already been successfully implemented.

- Automotive industry
- Chemical industry
- Commerce/service industries
- Energy supplier's
- Electronics industry
- Food industry
- Mechanical engineering
- Metal-working industry
- Mining industry
- Paper industry
- Petrochemical industry
- Pharmaceutical industry
- Precision engineering
- Primary industries
- Public service industry
- publishing industry
- Software and computing
- Steel industry
- Transportation industry

Audience

Executives, Officers and Managers are willing to use SAP PM or any team preparing themselves for SAP Implementation in PM to learn PM Processes.

Outcome

After Successful implementation of this course you will be able to:

- Identify the various activities performed in a Plant Maintenance process.
- Identify Product Lifecycle Management and Asset Lifecycle Management With respect to Plant Maintenance.
- List the organizational levels in a Plant Maintenance component
- Define the various organizational units in a Plant and Cross-plant Maintenance system.
- Define maintenance work centers and their role and functions in Plant Maintenance
- Identify the activities and settings for the implementation of application Components using the Implementation Guide (IMG)
- Identify the various methods of connecting to an SAP R/3 Enterprise

SAP PM User Training

Duration	Pre-requisites
20 hours	PM Processes, SAP Overview

Course Content

SAP Overview SAP PM Overview – Basics	
Organizational Units	Maintenance Plant and Planning Plant Work Centers Storage Locations
Master Data of SAP PM	Functional Location Equipment Bill Of Material Material and Serial Numbers
Additional Functions	Classification Measuring Points and Counters Partners and Addresses Document Link Status Management Permits and Warranties Data Transfer
Maintenance Processing Overview	Breakdown Maintenance Preventive Maintenance Processing Processing External Services Processing Refurbishment Tasks Processing Maintenance Projects
Maintenance Process	Notification Catalogs and Catalog Profiles Maintenance Order Material Withdrawal Completion Confirmation in Time Technical Completion Confirmation Technical Completion
Reporting and Analysis Tools	Learning SAP Standard Reports Reporting Tools Ad-Hoc Query

SAP PM Configuration Training

Duration	Pre-requisites
56 hours	SAP Overview, SAP PM User Training

Outcomes:-

Upon successful completion of this course you will be

- Able to configure and Implement an SAP PM System.
- Ready to take the SAP PM Certification Exam
- Able to further enhance and develop an existing SAP PM System.

Course Content

Master Data in Plant Maintenance	Basic Settings Technical Objects Bills of Material
Maintenance Plans, Work Centers, Task Lists and PRTs	Basic Settings Maintenance Plans Work Centers Task Lists Production Resources/Tools Service Contracts
Maintenance and Service Processing	Basic Settings Maintenance and Service Notifications Maintenance and Service Orders Completion Confirmations Configuration Control
Information Systems for Plant Maintenance	
Work Clearance Management	Master Data Approvals Lockout/Tag out