

**SAP PM Training Curriculum**

**STRUCTURE**

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**SAP PM Training Curriculum**

*“Become a super user in plant maintenance or enhance your consulting skills by learning the SAP PM.”*

**Course Objectives:**

* Explore various Maintenance activities
* Learn all about plant maintenance and functionality of SAP PM Module in-depth.
* Learn to setup and configure SAP PM Module
* Prepare for Global SAP PM certification exam
* Gain practical skills and Start applying for jobs in the same domain right away.

**Course Description:**

The SAP Plant Maintenance (PM) application is an industry-leading solution for all things maintenance for organizations, small and large. It integrates well with other modules and provides a comprehensive means to address upkeep operations.

Our SAP PM Training course will help you enhance your career by learning one of specialized logistics module. In this Training program, you will learn organization structure setup needed for Plant Maintenance, the different business processes and SAP transactions, Master Data, Technical Objects, and Configuration Guidelines for SAP Plant Maintenance.

Moving ahead, please have a look at the course content designed carefully by industry experts and world-class mentors. We have covered almost all topics related to the PM Module and you will become a Plant Maintenance Pro in maintaining plant orders and learn all essential maintenance skills. All the Best!

**Course Content:**

**Module 1: SAP PM Overview**

* What is Plant Maintenance?
* Need of SAP PM Module
* SAP PM Organization Structure Overview
  + Location-based Organizational Units
  + Planning-based Organizational Units
* Maintenance Planning and Reporting
* Technical Objects/Master Data in PM
* Generic SAP Plant Maintenance Process Flow
* Interfaces for SAP Automation
  + PM-PCS Interface
  + RFID Integration
  + Synchronization between Fixed Assets and Equipment
* SAP PM Integration with Other Modules
* Overview of PM in Domain industries
* Role of PM in supply chain management

**Module 2: SAP PM Organization/Enterprise Structure**

* SAP PM Organization Structure Overview
* Organizational Units OUs in PM
  + Define Client/Company
  + Define Company Code
  + Assign Company to Company Code
  + Define Plant
  + Assign Plant to Company Code
  + Maintenance Plant
  + Maintenance Planning Plant
  + Plant section
  + Location
  + Maintenance Planner Group
  + Define Purchase Organization
  + Assign Purchase Organization to Plant
  + Define Purchase Group
* Factory Calendar
  + Create & Assign Factory Calendar
* Work Center
  + Costing
  + Scheduling
  + Capacity Planning
* Relationship among different organizational units
* SAP Tables in Plant Maintenance
* Transactions in Plant Maintenance
* External Service Delivery & Receipt

**Module 3 – Master Data/Technical Objects in SAP PM**

* Introduction to Master Data
* Master Data Components
* Master Data Creation in PM
* Create Work Centers
* Create Functional locations
* Checking Functional Locations
* Maintaining Catalog
* Create Equipment and Task Lists
* Managing Equipment
* BOMs (Bill of Materials)
  + Functional Location BoM
  + Equipment BoM
  + Material BoM
  + Assigning (BOMs) to Technical Objects
  + Link of Material BOM to equipment
* Characteristics, Classification
* Measuring points, Permits, Revision, Warranties
* Structural Display
* Creation of serial number
* Creation of measuring points
* Creation of maintenance plans
* Creation cycle set
* Creation of Strategy
* Checking Linear Asset Management (LAM)
* Maintenance Items/Plans
* Plan Maintenance Business Processes
* SAP Plant Maintenance Process Cycle

**Module 4: Notifications and Order Maintenance in SAP PM**

* Notifications
  + Notification Types
  + Create, Change & Display
* Maintenance Orders
  + Order Types
  + Create, Change & Display
* Order completion
  + Technical Completion of the order
  + Closing order and notification
  + Cost Settlement
* Order Status
* Refurbishment of Spare Parts
  + Checking Prerequisites in Materials Management (MM)
  + Refurbishing Spare Parts Internally
  + Refurbishing Spare Parts Externally

**Module 5: Maintenance Planning in SAP PM**

* Corrective Maintenance
  + Outlining Corrective Maintenance
  + Processing External Services
  + Creating Notifications of Maintenance Requirements
  + Creating Maintenance Orders
  + Planning of Maintenance Orders
  + Planning of Maintenance Orders for Operation
  + Account Assignment (OAA)
  + Selecting Maintenance Orders
  + Planning for Maintenance Orders
  + Scheduling Maintenance
  + Executing Maintenance Tasks with SAP GUI
  + Completing Notifications and Orders
  + Confirm and Technically Complete an Order
  + Creating a Shift Report
* Preventive Maintenance
  + Outlining Preventive Maintenance
  + Checking the Maintenance Task List
  + Creating Maintenance Plans
  + Scheduling Maintenance Plans
* Project-Oriented Maintenance
  + Outlining Project-Oriented Maintenance

**Module 6: Configuration, Integration, and Reporting in SAP PM**

* Reporting in SAP PM
  + Reporting at Document Level
  + Reporting with the Logistics Information System
* Creation of General notification
  + Processing of notification
  + Close of notification
* Creation of Break down Notification
  + Processing of notification
  + Close of notification
* Configuration & Integration
  + Configuration in PM
  + Integration with other modules

**Module 7: Order Creation from Notifications**

* Confirmation of order
* Goods issue
* Technical completion
* Variance calculation
* Settlement of ORDER
* Completion of order
* Completion of notification

**Module 8: Planning Scenarios in SAP PM**

* Planning Scenarios
  + Creation of Single cycle plan
  + Assign single cycle plan to task list
  + Creation of maintenance Strategy
  + Assign maintenance Strategy to task list plan
  + Multiple counter plans
* Maintenance Processing Execution of Single Cycle Plan
  + Scheduling of the plans
  + Notification Generation
  + Process notification
  + Close of the notification

**Module 9: Create Maintenance Order Integration with MM and FICO**

* Maintain settlement rule
* Release of Order
* Confirmation of Order
* Goods issue
* Technical completion
* Variance calculation
* Settlement of ORDER
* Completion of order

**Module 10: Issuing Materials to Maintenance order**

* Issue of Non stock material to the maintenance order.
  + Creation of material
  + Assign in operation
  + Carry out MIGO against PO generated through purchase requisition
  + Order completion
  + Cost analysis
* Issue of stock material to the maintenance order with/without serial number
  + Creation of material with or without serial number.
  + Assign in operation
  + Requirements in MD04
  + Run MRP and procure this stock component
  + Carry out MIGO against PO generated through purchase requisition
  + Order completion
  + Cost analysis

**Module 11: External operation OR service delivery in Maintenance Order**

* Creation of maintenance order
* Select operation as external
* Maintain service against Po
* Enter the service entry sheet w.r.t PO
* Order completion
* Cost analysis

**Module 12: Refurbishment of Maintenance order**

* Creation of maintenance order W.r.t Material and Order type PM04
* Maintain other operations
* Assign other Components other than refurbishment component
* Release and save order
* Completion confirmation Goods movement
* Goods receipt of Refurbishment material
* Confirmations of each operation with Final confirmation
* Order Completion
* Cost analysis

**Module 13: Calibration order and PM integration with Quality management**

* Creation of MIC`s
* Assignment of inspection points
* Assignment of MIC`s
* Creation of calibration order
* Generation of inspection lot
* Results recording
* Usage decision
* Completion of Order

**Module 14: Process of assigning activities to the Object parts in Main equipment notification**

* Creation of tasks
* Creation of activities
* Creation of objects
* Creation coding
* Creation of catalogue profile
* Maintain in Equipment
* Carry out task to the object parts
* Closing of individual and main notification

**Module 15:** **Placement Guide**

* What is an Interview?
* Tips to clear an Interview
* Common Interview questions and answers
* SAP PM Interview Questions and Answers
* Resume Building Guide
* Attempt for SAP PM Global Certification Exam
* Start applying for Jobs