



Sydney Institute of ERP

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SAP – PLM Plant Maintenance & Repair

Course Goals

- Make informed business decisions that are founded on a conceptual understanding of SAP's Plant Maintenance business solution
- Bring your SAP Plant Maintenance product knowledge to a baseline level that will enable you to participate effectively in more detailed courses.
- Provide an overview of Plant Maintenance in the larger context of Enterprise Asset Management as part of the SAP solution portfolio.
- Introduce the basic business processes involved in Plant Maintenance, as well as how these are mapped in the SAP system.
- Demonstrate the most important aspects of integration with other SAP applications.
- Explain in detail the structure of object and asset structures in the Enterprise Asset Management area, which form the backbone for processing maintenance and service measures.
- Show all of the necessary customizing settings.
- Provide a detailed overview of the business processes involved in preventative maintenance and service processing.
- Focus on time-based and performance-based maintenance planning in the area of Enterprise Asset Management.
- Learn about specific areas such as the integration between Plant Maintenance and Quality Management, or the procurement of services based on the maintenance plan.
- Provide participants with all of the basic Customizing settings for maintenance processing.
- Deal with specific application functions in the area of Enterprise Asset Management.
- Demonstrate how source data is aggregated from different business processes in Enterprise Asset Management and prepared for reports and analyses.
- Learn about the uses of different, Plant Maintenance- based queries in the Business Information Warehouse (BW).
- Explain how to plan budgets in the Plant Maintenance area using the planning function in BW (BW-BPS).
- Directly apply your knowledge as a junior consultant in a practical context using the SAP knowledge that you gained from the previous courses and acquire in constructing a demo company in this course

Contents

- Plant Maintenance Overview
- Maintenance Requests
- Planning Work Orders
- Executing Work Orders
- Completing Work Orders and Maintenance Requests
- Analyzing Maintenance Costs
- Organization of Plant Maintenance
- Technical objects
- Maintenance due to malfunctions
- Predictive maintenance
- Refurbishment of spare parts
- Predictive Plant Maintenance (maintenance planning)
- Project-based Plant Maintenance (brief overview)
- Work clearance management (brief overview)
- Mobile solutions (brief overview)
- Reporting and evaluations
- Functional locations (further functions)
- Equipment (further functions)
- Classification
- BOMs
- Serial numbers
- Measuring points and counters
- Routing management
- Maintenance planning with a cycle
- Maintenance planning with a strategy – time-based
- Maintenance planning with a strategy – performance-based
- Maintenance planning with cycles of a different dimension
- Selling services based on a maintenance plan
- Stateful maintenance
- Measurement and test equipment management based on a maintenance plan
- Notification (notification types, catalogs, catalog profiles)
- Planning (order type, work center, costing)
- Controlling (checking availability, scheduling, printing)
- Completion (confirmation, settlement, history)
- Source data
- Updates and staging
- Reports and analyses
- Planning Plant Maintenance budgets
- Directly apply your module knowledge as part of a case study by setting up a model company using given business processes

- In the case study, the project team implements the following processes: Corrective maintenance, preventive, maintenance, refurbishment, controlling of orders

Course Based on Software Component (s) and Release (s)

SAP ERP 6.0 EHP4

Course Version

Version: 062

Access to SAP ERP software and Training materials

SAP training materials will be provided for this course. Access to the latest SAP ERP software will be granted through SAP's training clients.

Award

On successful completion of this course, you will receive an Executive Certificate in ERP (SAP PLM: Plant Maintenance) from Sydney Institute of ERP.

Campus Location

Level 2, 80 Mount Street, North Sydney, NSW 2060

SAP Certification

On completion of the course, you sit for formal relevant certification exam with SAP Australia. On successful completion, you will receive a certificate from SAP Germany.