PLM300

Business Processes in Plant Maintenance

COURSE OUTLINE

Course Version: 15
Course Duration: 5 Day(s)

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Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	*Example text*
Window title	*Example text*

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Super / Key / Power User
- Industry / Business Analyst Consultant
- Project Manager
- End User

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UNIT 1 Plant Maintenance Organization

Lesson 1: Outlining EAM Processes and SAP Solution Portfolio

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP Enterprise Asset Management processes
- Outline the solution portfolio for SAP Enterprise Asset Management processes

Lesson 2: Outlining the SAP User Interfaces and Roles

Lesson Objectives

After completing this lesson, you will be able to:

- Outline SAP NetWeaver
- Explain the SAP user interfaces and roles

Lesson 3: Executing Maintenance Tasks with NetWeaver Business Client (NWBC)

Lesson Objectives

After completing this lesson, you will be able to:

- Execute maintenance tasks in NWBC

Lesson 4: Checking Organizational Levels in Plant Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Define the organizational levels in Plant Maintenance
- Outline the role of a work center in Plant Maintenance

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UNIT 2 Technical Objects

Lesson 1: Checking Functional Locations

Lesson Objectives

After completing this lesson, you will be able to:

- Structure technical systems
- Check a functional location

Lesson 2: Managing Equipment

Lesson Objectives

After completing this lesson, you will be able to:

- Create equipment
- Install equipment

Lesson 3: Checking Linear Asset Management (LAM)

Lesson Objectives

After completing this lesson, you will be able to:

- Check functional locations and equipment with specific attributes for LAM

Lesson 4: Assigning Bills of Material (BOMs) to Technical Objects

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how BOMs are used in plant maintenance
- Assign BOMs to technical objects

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UNIT 3 Breakdown Maintenance

Lesson 1: Planning Breakdown Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the process of breakdown maintenance
- Plan breakdown maintenance

Lesson 2: Processing a Breakdown Maintenance Order

Lesson Objectives

After completing this lesson, you will be able to:

- Enter a time confirmation
- Enter a technical completion

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UNIT 4 Corrective Maintenance

Lesson 1: Outlining Corrective Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the corrective maintenance process

Lesson 2: Creating Notifications of Maintenance Requirements

Lesson Objectives

After completing this lesson, you will be able to:

- Outline the notification phase
- Create a maintenance notification
- Select a maintenance notification

Lesson 3: Creating Maintenance Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Describe maintenance orders
- Create maintenance orders

Lesson 4: Planning of Maintenance Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Plan material in maintenance orders

Lesson 5: Processing External Services

Lesson Objectives

After completing this lesson, you will be able to:

- Outline external services

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- Process an external service with individual purchase order (PO)
- Process an external service with external service management
- Process an external service with an external work center

Lesson 6: Analyzing Planned Costs of Maintenance Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze planned costs of maintenance orders

Lesson 7: Planning of Maintenance Orders for Operation Account Assignment (OAA)

Lesson Objectives

After completing this lesson, you will be able to:

- Plan costs for operation account assignment

Lesson 8: Selecting Maintenance Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Select maintenance orders

Lesson 9: Planning Materials and Capacity for Maintenance Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Check material availability
- Check capacity planning

Lesson 10: Scheduling Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Approve and release maintenance orders

Lesson 11: Executing Maintenance Tasks with SAP GUI

Lesson Objectives

After completing this lesson, you will be able to:

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- Withdraw stock material
- Create a shift note

Lesson 12: Completing Notifications and Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Confirm a maintenance order
- Enter a technical completion

Lesson 13: Confirming and Technically Completing an Order

Lesson Objectives

After completing this lesson, you will be able to:

- Settle and complete an order

Lesson 14: Creating a Shift Report

Lesson Objectives

After completing this lesson, you will be able to:

- Create a shift report

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UNIT 5 Refurbishment of Spare Parts

Lesson 1: Checking Prerequisites in Materials Management (MM)

Lesson Objectives

After completing this lesson, you will be able to:

- Check the prerequisites for refurbishment in MM

Lesson 2: Refurbishing Spare Parts Internally

Lesson Objectives

After completing this lesson, you will be able to:

- Describe internal refurbishment processing
- Process a refurbishment order

Lesson 3: Refurbishing Spare Parts Externally

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the process of external refurbishment of spare parts

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UNIT 6 Preventive Maintenance

Lesson 1: Outlining Preventive Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the process of preventive maintenance

Lesson 2: Checking the Maintenance Task List

Lesson Objectives

After completing this lesson, you will be able to:

- Create a maintenance task list
- Check a maintenance task list

Lesson 3: Creating Maintenance Plans

Lesson Objectives

After completing this lesson, you will be able to:

- Create maintenance plans
- Create strategy plans

Lesson 4: Scheduling Maintenance Plans

Lesson Objectives

After completing this lesson, you will be able to:

- Schedule maintenance plans

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UNIT 7 Project-Oriented Maintenance

Lesson 1: Outlining Project-Oriented Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Explain conventional project-oriented plant maintenance
- Create project-oriented plant maintenance plans with maintenance event builder (MEB)

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UNIT 8

Supplementary Processes for SAP Enterprise Asset Management

Lesson 1: Outlining Mobile Applications for SAP Enterprise Asset Management (SAP EAM)

Lesson Objectives

After completing this lesson, you will be able to:

- Outline mobile applications available in SAP Enterprise Asset Management

Lesson 2: Using Visual Enterprise Documents

Lesson Objectives

After completing this lesson, you will be able to:

- Use visual documents

Lesson 3: Describing Basic Maintenance Processing

Lesson Objectives

After completing this lesson, you will be able to:

- Explain basic maintenance processing

Lesson 4: Outlining Pool Asset Management (PAM)

Lesson Objectives

After completing this lesson, you will be able to:

- Manage assets by using PAM

Lesson 5: Outlining SAP Work Clearance Management (WCM)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the process and benefits of WCM

Lesson 6: Applying Worker Safety

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Lesson Objectives

After completing this lesson, you will be able to:

- Apply worker safety

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UNIT 9

Report and Analysis of Information for SAP Enterprise Asset Management (EAM)

Lesson 1: Analyzing Maintenance History with the Logistic Information System (LIS)

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze the maintenance history
- Analyze the LIS

Lesson 2: Evaluating Plant Maintenance with SAP Business Warehouse (SAP BW)

Lesson Objectives

After completing this lesson, you will be able to:

- Outline SAP NetWeaver BW
- Outline evaluations in the SAP NetWeaver BW

Lesson 3: Outlining Rapid Deployment Solution EAM Analytics

Lesson Objectives

After completing this lesson, you will be able to:

- Outline RDS in SAP EAM

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UNIT 10

SAP Enterprise Asset Management Customizing Implementation

Lesson 1: Outlining SAP Enterprise Asset Management Customizing Implementation

Lesson Objectives

After completing this lesson, you will be able to:

- Outline Customizing in SAP Enterprise Asset Management

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