

SAP MATERIALS MANAGEMENT ONLINE TRAINING

COURSE CONTENT

What is SAP MM?

SAP MM is the materials management module of the SAP ERP software package from SAP AG that is used for Procurement Handling and Inventory Management. Materials management is integrated with other modules such as SD, PP and QM. Materials management is used for procurement and inventory management.

The module has two important master data - material and vendor. Broadly, the various levels that can be defined for a SAP MM implementation are: Client, Company Code, Plant, Storage Location and Purchase Organization.

SAP Materials management covers all tasks within the supply chain, including consumption-based planning, planning, vendor evaluation and invoice verification. It also includes inventory and warehouse management to manage stock until usage dictates the cycle should begin again. Electronic Kanab/Just-in-Time delivery is supported.

It can be divided into five major components. There are: materials management, plant maintenance, quality management, production planning and control, and a project management system. Each is divided into number of subcomponents.

SAP MM is all about managing the materials i.e. the resources of an organization. These resources include man, manpower and materials. The main functionality within MM includes purchasing, Inventory management, valuation and assignment, batch management and

classification.

SAP MM Course Content:

I. INTRODUCTIONS TO MM:

- Introduction to ERP
- SAP Overview
- Functions and Objectives Of MM
- Overview Cycle of MM
- Organizational structure of an Enterprise in the SAP R/3 System, Creation Of Organizational Elements – Company, Company code, Plant, Storage Location, Purchasing Organization, Purchasing Group and Assignments.

II. MASTER DATA

- Material Master
- Vendor Master
- Info Record

III. SOURCE DETERMINATION:

- Source Determination
- Material Master
- Vendor Master
- Info Record
- Source Determination

IV. PURCHASING:

- Purchase Requisition

- Purchase Order
- RFQ – Request for Quotation
- Outline Agreements

V. DOCUMENT TYPES FOR PURCHASING DOCUMENTS: (PR, PO, RFQ, CONTRACT AND SCHEDULE AGREEMENT):

- Define Document type
- Define Number Ranges for Document Type
- Define Screen Layout at Document Level

VI. RELEASE PROCEDURE FOR PURCHASING DOCUMENTS:

- Creation of Characteristics
- Creation of Class
- Release Group, Release Codes, Release Indicator, Release Prerequisite, Release Strategies

VII. CONDITIONS OR PRICING PROCEDURE OR PRICE DETERMINATION:

- Define Access sequence
- Define Condition Types
- Define Calculation Schema
- Define Schema Group
- Schema group vendor
- Schema group purchasing organization
- Assignment of Schema group to purge. organization
- Define Schema Determination
- Determine Calculation Schema for Standard Purchase Orders

VIII. EXTERNAL SERVICES MANAGEMENT (ESM):

- Define Organization status for service categories

- Define service category
- Define Number Ranges
- Define Number Ranges for Service Entry Sheet
- Define Internal Number Ranges for Service Entry Specification
- Assign Number Ranges
- Define Screen Layout

IX. PROCEDURE FOR SERVICES:

- Creation of Service Master
- Creation of Service PO
- Creation of Service Entry Sheet
- Invoice wren Service Entry Sheet

X. INVENTORY MANAGEMENT (IM):

- Goods Movement
- Goods Receipt – GR
- Goods Issue – GI
- Transfer Posting – TP
- Reservation

XI. PHYSICAL INVENTORY (PI):

- Types of PI processes
- Creating Physical Inventory Document
- Entering Physical Inventory Count
- List Of Inventory Differences
- Post the Difference
- Print Out PI Difference Report

XII. SPECIAL STOCKS AND SPECIAL PROCUREMENT TYPES:

- Consignment

- Stock transport order
- Subcontracting
- Pipeline
- Returnable transport packaging – RTP
- Third Party Processing

XIII. VALUATION AND ACCOUNT DETERMINATION:

- Introduction to Material Valuation
- Split Valuation
- Configure Split Valuation
- Defining Global Categories (Valuation Category)
- Defining Global Type (Valuation Types)
- Defining Local Definition & Assignment (Valuation Area)

XIV. VALUATION AND ACCOUNT DETERMINATION:

- Basic Invoice Verification Procedure
- Invoice for Purchase Order
- Planned Delivery Costs
- Unplanned Delivery Costs
- Credit Memo
- Blocking the Invoice
- Releasing Blocked Invoices
- Subsequent Debit/Credit
- Automatic Settlements (ERS)
- GR/IR Account Maintenance
- Invoice for Tax, Discounts, Terms of Payment
- Invoices for PO's with Account Assignment
- Parking Invoice
- Invoice With reference to Service Entry Sheet

XV. INTEGRATION WITH OTHER MODULES:

- Integration of MM with FI/CO
- Integration of MM with SD
- Integration of MM with PP