

# **SAP S4 HANA MATERIAL MANAGEMENT SYLLABUS**

## **Introduction**

- SAP S4 HANA MM Introduction
- SAP Activate Methodology
- What Is SAP S/4HANA?
- SAP HANA and the Relational Database Management System In- Memory Database versus Caching
- Universal Journal – ACDOCA and related tables
- Business Partners and its linkage with Vendor SAP S/4HANA
- SAP FIORI S/4HANA MM Apps

### **2) Fiori - New SAP GUI**

- The "Next Generation" GUI for SAP
- Responsive
- Role-Based
- Consistent

### **3) SAP FIORI S/4HANA MM Apps**

- Sales & Distribution user Postings
- Master Data Creations Apps
- Various Reports generation through Apps

### **4) Main Focuses**

- Configuration and implementation for SAP S4 Hana MM
- Understand how a required business process runs on SAP
- Integration of sap s/4hana Material Management with logistics (FICO & SD) module
- Understanding T Code, master data, configuration data, transaction data, tables
- Customer <-> BP Synchronization

## **ORGANIZATIONAL LEVELS OF PROCUREMENT PROCESS**

- 1 Enterprise Structure
- 2 Finance Configuration including Vendor
- 3 Material Type Configuration
- 4 Creation & Maintenance of Material Master
- 5 Purchase Requisition – Customizing - Testing
- 6 Request For Quotation– Customizing - Testing
- 7 Purchase Order– Customizing - Testing with PO History

## **MATERIAL MASTER DATA**

- 1 MAINTAIN FIELD SELECTION FOR DATA SCREEN FOR MATERIAL TYPE IN MM01
- 2 MESSAGES IN MASTER DATA OMT4
- 3 CREATION OF FINISHED PRODUCT/SEMI FINISHED PRODUCTS
- 4 CHANGES OF STANDARD PRICES
- 5 CREATE RAW MATERIAL WITH NUMERIC, ALPHA/ ALPHA NUMERIC
- 6 COPY MATERIAL TYPE
- 7 CHANGES OF MATERIAL TYPE TO MATERIAL
- 8 TE/BLOCK - UNBLOCK MATERIAL

## **VENDOR MASTER DATA**

- 1 CREATION OF VENDOR MASTER DATA
- 2 COPY VENDOR MASTER DATA
- 3 CREATE VENDOR MASTER DATA WITH NUMERIC, ALPHA/ALPHA NUMERIC
- 4 VENDOR TOLERANCE

## **PURCHASE ORDER**

- 1 REFERENCE / COPING DOCUTMENT TO DOCUMENT
- 2 SCREEN MODIFICATION
- 3 SCENARIOS WITH COPY/CHANGE/DELETE/TEXT/BLOCK DELIVERY
- 4 CHANGE IN DOCUMENTS TYPES
- 5 PERSONAL SETTINGS /
- 6 USER DEFAULT SETTINGS
- 7 SCENARIOUS WITH MATERIAL TEXT IN PO
- 8 SCENERIOUS WITH MANY POs AND FREE OF GOODS IN PO
- 9 HOLD THE PURCHASE ORDER
- 10 ONE PURCHASE ORDER MANY WITH SAME MATRIAL

- 11 ONE PURCHASE ORDER WITH DIFFERENT MATERIAL
- 12 GOODS RECEIPT THROUGH PO WITH MANY SAME MATERIAL
- 13 HEADER LEVEL AND ITEM LEVEL
- 14 PO TOLERANCE LIMIT PE
- 15 BLANKET PO

### **MIGO GOODS RECEIPT**

- 1 GOODS RECEIPT FULLY OR PARTIALLY
- 2 GOODS RECEIPT THROUGH PO WITH DIFFERENT MATERIAL
- 3 IN MIGO RECEIVING MATERIAL WITH DIFFERENT PUR ORDERS  
DIFFERENT VENDORS
- 4 RECEIVING MATERIAL AT STOCK TYPES THROUGH MIGO
- 5 RECEIVING MATERIAL AT STOCK TYPES THROUGH PO
- 6 RESERVATION OF GOODS T.CODE MB21 MT 201
- 7 RETURN OF GOODS PARTIAL OR FULLY TO VENDOR
- 8 CANCELLATION OF GOODS
- 9 GR BLOCK STOCK MT 103 & RELEASE MT 105
- 10 RETURN GR BLOCK STOCK TO VENDOR MT 124
- 11 PURCHASE ORDER RETURNS
- 12 DIFFERENCE BETWEEN 161 AND 122
- 13 PLANNED AND UNPLANNED GOODS RECEIVED
- 14 DELIVERY COMPLETED SETTINGS
- 15 AUTOMATIC CREATE OF PO WRT PR
- 16 AUTOMATIC PO AFTER GOODS RECEIPT

### 17 **OVER DELIVERY AND UNDER DELIVERY**

#### **MOVEMENT OF GOODS**

- 1 TRANSFERRING MATERIAL FROM ON STOCK TYPE TO ANOTHER
- 2 CREATION & TRANSFERRING MATERIAL IN NEW STORAGE LOCATION

WITH ONE STEP OR

- 3 STORAGE LOCATION CREATED AUTOMATICALLY MMSC //MMB2
- 4 CREATION OF & TRANFERING MATERIAL IN NEW PLANT

WITH ONE STEP OR

- 5 INTER COMPANY STOCK TRANSFER
- 6 REMOVING SCRAP FROM THE STOCK TYPES
- 7 TRANSFER FROM ONE MATERIAL TO ANOTHER MATERIAL
- 8 CREATION OF NEW MOVEMENT TYPE T. CODE OMJJ
- 9 MATERIAL STATUS
- 10 SHELF LINE ITME

### MIRO - LIV

- 1 POSTING FULL OR PARIATIALLY PAYMENTS IN MIRO
- 2 HOLD AND CANCEL MIRO
- 3 POSTING CREDIT MEMO SUBSEQUENT DEBTS AND CREDITS
- 4 PLANNED DELIVERY COST & UNPLANNED DELIVERY COST
- 5 IR RAISED THEM GR RAISED
- 6 INVOICE BLOCKING TOTAL OR LINE ITEM
- 7 DISCOUNTS AND INSTALLMENTS IN MIRO
- 8 DOWN PAYMENTS IN PO
- 9 WITH HOLDING TAX
- 10 PLANNED COST & UNPLANNED COST
- 11 FREE OF CHARGE DELIVERY
- 12 EVALUATED RECEIPTS SETTLEMENT
- 13 ALTERNATIVE UNIT OF MEASURE

### INFO RECORD

- 1 INFO RECORD FOR PRCING IN PO STANDARD
- 2 INFO RECORD TEXT
- 3 PURCHASE VALUE KEY

- 4 PURCHASE ORDER WITH MINIMUM QTY
- 5 DIFFERENT PRICES IN DIFFERENT PERIODS
- 6 SCALES WHEN QTY INCREASES, PRICE REDUCES
- 7 SUB CONTRACT
- 8 PIPE LINE
- 9 CONSIGNMENT

### **SPECIAL TOPICS**

- 1 SOURCE LIST
- 2 VALUE CONTRACT & QUANTITY CONTRACT
- 3 SCHEDULE AGREEMENT
- 4 RETURNABLE PACKING MATERIAL
- 5 PHYSICAL INVENTORY
- 6 VERSION MANAGEMENT
- 7 SPLIT VALUATION
- 8 BATCH MANAGEMENT
- 9 NEGATIVE STOCK
- 10 THIRD PARTY
- 11 SERIAL NUMBER
- 12 RELEASE PROCEDURE
- 13 PRICING PROCEDURE
- 14 QUANTITY FREE OF GOODS FROM VENDOR
- 15 VALUATION CLASS AND ITS RELATED TOPICS
- 16 VENDOR EVALUATION
- 17 PARTNER DETERMINATION
- 18 EXTERNAL SERVICE MANAGEMENT
- 1 MONTH END AND YEAR END ACTIVITIES
- 2 REPORTS
- 3 LSMW

**I)      Additional Topics**

- **Real Time Support Tickets**
- **Resume Preparation**
- **Interview Questions**
- **SAP MM Configuration Documents**
- **SAP MM Business Blue Prints & Functional Specifications**
- **Project Guidance**
- **JOB Guidance**