



# Inter STO in SAP MM



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## INTER STO IN SAP MM

INTER STO: Inter STO means Stock Transfer Order in two plants with cross company code.

### ➤ Create Material(MM01):



**Create Material (Initial Screen)**

Select View(s)   Org. Levels   Data

Material: 0000000900001327

Industry sector: Q ABB MECHANICA...

Material Type: HALB Semi inished ...

Change Number: [ ]

Copy from...  
Material: [ ]

**EH7(1)/800 Organizational Levels**

Organizational levels

Plant: AP11

Stor. Location: AP01

Valuation type: [ ]







Sales Org.: AP21


Distr. Channel: AP



Org. levels/profiles only on request

✓ Select View(s)   Default Setting   ✕

### Change Material 0000000900001327 (Basic Data, Semi inished Product)




 Descriptions
  Org. Levels
  Check Screen Data
 

Material   

Descriptions







Language	Material Description
EN	STO TEST MATERIAL-1


 Delete line
 Entry 1 of 1

General Data



Base Unit of Measure	<input type="text" value="EA"/>	Each	Material Group	<input type="text" value="0001"/>
Old material number	<input type="text"/>	Ext. Matl Group	<input type="text"/>	
Division	<input type="text" value="AP"/>	Lab/Office	<input type="text"/>	
Product allocation	<input type="text"/>			
X-plant matl status	<input type="checkbox"/>	Valid from	<input type="text"/>	
<input type="checkbox"/> Assign effect. vals	GenItemCatGroup		<input type="text" value="NORM"/>	Standard item

**Change Material 000000900001327 (Sales: General/Plant Data, Semi in**




 Descriptions    Units of Measure     Org. Levels     Check Screen Data    

Material   

Plant     MANUFACTURING-1

**General data**

Base Unit of Measure	<input type="text" value="EA"/> Each	Replacement part	<input type="checkbox"/>
Gross Weight	<input type="text"/> KG	Qual.f.FreeGoodsDis.	<input type="checkbox"/>
Net Weight	<input type="text"/>	Material freight grp	<input type="text"/>
Availability check	<input type="text" value="01"/> Daily requirements	<input type="checkbox"/> Appr.batch rec. req.	
<input type="checkbox"/> Batch management			

**Shipping data (times in days)**

Trans. Grp	<input type="text" value="0001"/> On palettes	LoadingGrp	<input type="text" value="0001"/> Crane
Setup time	<input type="text"/> Proc. time	Base qty	<input type="text"/> EA



**Change Material 0000000900001327 (Sales: Sales Organization Data, Se**

Descriptions    Units of Measure    Org. Levels    Check Screen Data   

**General data**

Base Unit of Measure: EA    Each  
 Division: AP    AP DIVISION  
 Material Group: 0001    Default Group  
 Sales unit:      Sales unit not var.  
 Unit of Measure Grp:   
 X-distr.chain status:     Valid from:   
 DChain-spec. status:     Valid from:   
 Delivering Plant:   
 Cash discount    Conditions

**Grouping terms**

Matl statistics grp:   
 Volume rebate group:   
 Commission group:   
 Pricing Ref. Matl:   
 Material pricing grp:   
 Product hierarchy:   
 Acct assignment grp:   
 Item category group: NORM Standard item    Gen. item cat. grp: NORM Standard item

**Tax Data**

Country	Ta...	Tax category	Tax classification
IN	India	MWSI Output Tax	1 Full Tax

Material 0000000900001327 created

Extend material for Receiving plant AP14.



### Create Material (Initial Screen)

Select View(s)   Org. Levels   Data

EH7(2)/800 Organizational Levels

Material	0000000900001327
Industry sector	Q ABB MECHANICA...
Material Type	HALB Semi inished ...
Change Number	

Copy from...

Material	
----------	--

Organizational levels	
Plant	AP14
Stor. Location	AP01
Valuation type	
Sales Org.	AP21
Distr. Channel	AP

Org. levels/profiles only on request

Select View(s)    Default Setting

➤ Create Vendor(XK01):

Assign supplying plant AP11 in purchasing tab.

### Change Vendor: Purchasing data

EH7(1)/800 Change Vendor: VSR-/Plant Relev.

Vendor	61626930	STO TEST VENDOR-1
Purchasing Org.	AP22	AP TEST P.ORG

Conditions

Order currency	INR	Indian Rupee
Terms of paymnt	0001	
Incoterms		
Minimum order value		
Schema Group, Vendor	<input type="checkbox"/>	Standard procedure vendor
Pricing Date Control	<input type="checkbox"/>	No Control
Order optim.rest.	<input type="checkbox"/>	

Sales data

Salesperson	
Telephone	

Plant assignment	
Plant	AP11

Possible data maintenance levels


Data retent. at VSR level allowed


Data retent. at plant level allowed

➤ Create Customer(XD01):

### Customer Create: Initial Screen

EH7(1)/800 Customer Create: Initial Screen

Account group  2001 Sold to party-2001

Customer 

Company code  AP TEST PVT LTD



**Sales area**

Sales Organization  AP SALES ORG

Distribution Channel  AP DISTRIBUTION CHA.

Division  AP DIVISION

### Create Customer: Sales Area Data

Other Customer General Data Company Code Data   Additional Data, Empties Additional

Customer  AP TEST CUSTOMER-1

Sales Org.  AP SALES ORG

Distr. Channel  AP DISTRIBUTION CHA.

Division  AP DIVISION

Sales **Shipping** Billing Documents Documents Partner Functions

**Shipping**

Delivery Priority  High  Order Combination

Shipping Conditions  As soon as possible

Delivering Plant  MANUFACTURING-1

Relevant for POD

POD timeframe

**Partial deliveries**

Complete delivery required

Partial delivery per item  Partial delivery allowed

Max. partial deliveries

Unlimited tol.

### Change Vendor: Purchasing data

Vendor: 61626930 STO TEST VENDOR-1  
 Purchasing Org.: AP22 AP TEST P.ORG

**Conditions**

Order currency: INR Indian Rupee  
 Terms of paymnt: 0001  
 Incoterms:   
 Minimum order value:   
 Schema Group, Vendor:  Standard procedure vendor  
 Pricing Date Control:  No Control  
 Order optim.rest.:

**Sales data**

Salesperson:   
 Telephone:

EH7(1)/800 Change Vendor: VSR-/Plant Relev.

Vendor: 61626930 STO TEST VENDOR-1  
 City:

**Plant assignment**

Plant: AP11

**Possible data maintenance levels**

Data retent. at VSR level allowed  
 Data retent. at plant level allowed

✔ Customer 0000000052 has been created for company code AP22 sales area AP21 AP AP

➤ **Setup Stock Transport Order:**

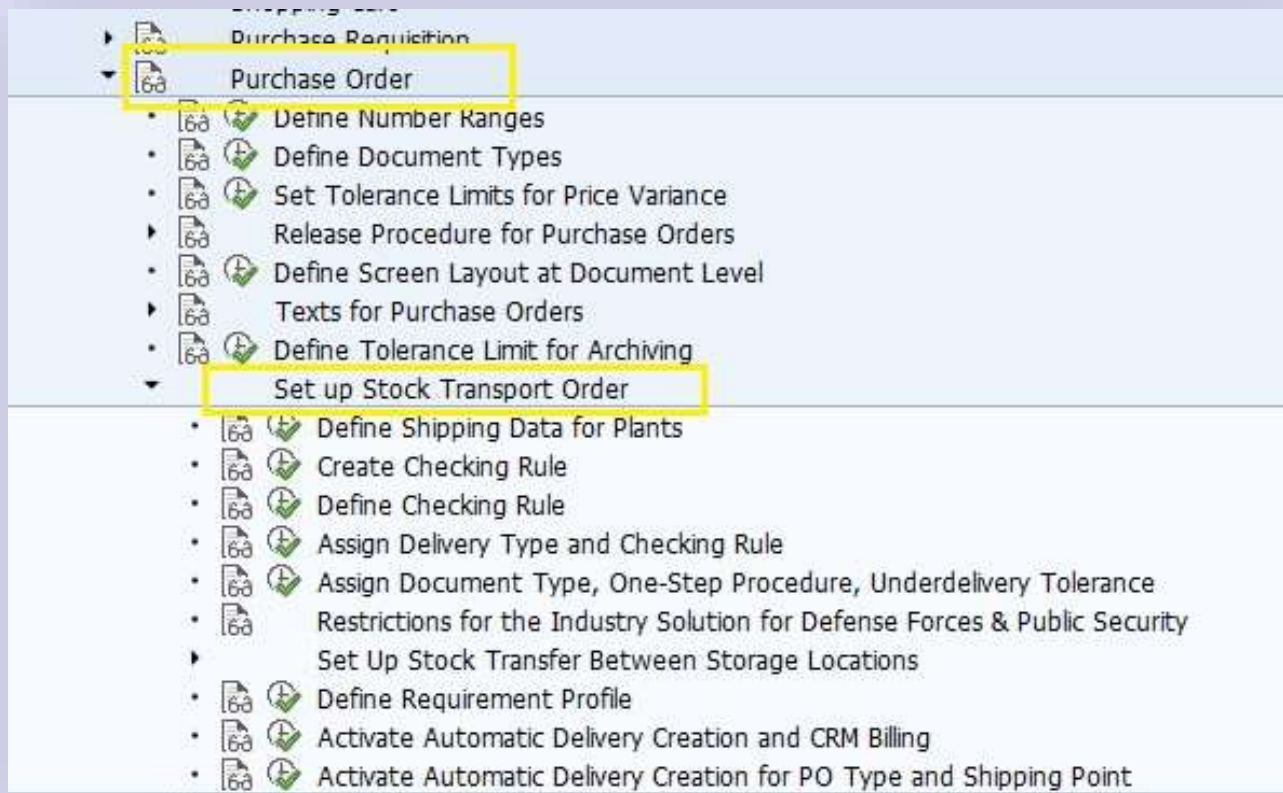
### Display IMG

Existing BC Sets | BC Sets for Activity | Activated BC Sets


**Structure**

- ▶ Product and REACH Compliance
- ▶ SAP EHS Management
- ▶ Sales and Distribution
- ▶ **Materials Management**
  - ▶ General Settings for Materials Management
  - ▶ Consumption-Based Planning
  - ▶ **Purchasing**
- ▶ Environment Data





 **Define Shipping Data for plant:**

Display IMG		
 <a href="#">Existing BC Sets</a> <a href="#">BC Sets for Activity</a> <a href="#">Activated BC Sets for Activity</a> <a href="#">Release Notes</a> <a href="#">Change Log</a>		
Structure	Additional information	
<ul style="list-style-type: none"> <li>▼ <b>Materials Management</b> <ul style="list-style-type: none"> <li>▶ General Settings for Materials Management</li> <li>▶ Consumption-Based Planning</li> <li>▼ <b>Purchasing</b> <ul style="list-style-type: none"> <li>▶ Environment Data</li> <li>▶ Material Master</li> <li>▶ Vendor Master</li> <li>▶ Restrictions for the Industry Solution for Defense Forces &amp; Public Se</li> <li>▶ Create Purchasing Groups</li> <li>▶ Purchasing Info Record</li> <li>▶ Sustainability</li> <li>▶ Source List</li> <li>▶ Quota Arrangement</li> <li>▶ RFQ/Quotation</li> <li>▶ Serial Numbers</li> <li>▶ Shopping Cart</li> <li>▶ Purchase Requisition</li> <li>▼ <b>Purchase Order</b> <ul style="list-style-type: none"> <li>▶ Define Number Ranges</li> <li>▶ Define Document Types</li> <li>▶ Set Tolerance Limits for Price Variance</li> <li>▶ Release Procedure for Purchase Orders</li> <li>▶ Define Screen Layout at Document Level</li> <li>▶ Texts for Purchase Orders</li> <li>▶ Define Tolerance Limit for Archiving</li> <li>▼ <b>Set up Stock Transport Order</b> <ul style="list-style-type: none"> <li>▶ Define Shipping Data for Plants</li> <li>▶ Create Checking Rule</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul>		
	/ISDFPS/CUST_TRANS	
	SIMG_CFMENUOLME...	
	SIMG_CFMENUOLME...	
	SIMG_CFMENUOLME...	
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	SIMG_CFMENUOLME...	
	SIMG_CFMENUOLME...	
	SIMG_CFMENUOLME...	
	SIMG_CFMENUOLME...	

For supplying plant Assign sales org, distribution channel & division

### Change View "Stock Transport Order": Details

Plant  MANUFACTURING-1

---

Detailed information

Customer no. - plant

---

SlsOrg.Int.B.	<input type="text" value="AP21"/>	AP SALES ORG
DistChannelIB	<input type="text" value="AP"/>	AP DISTRIBUTION CHA.
Div.Int.Billing	<input type="text" value="AP"/>	AP DIVISION

For receiving plant Assign Customer number, sales org., distribution channel & division

### Change View "Stock Transport Order": Details

Plant  AP RAW TEST

---

Detailed information

Customer no. - plant  AP TEST CUSTOMER-1

---

SlsOrg.Int.B.	<input type="text" value="AP21"/>	AP SALES ORG
DistChannelIB	<input type="text" value="AP"/>	AP DISTRIBUTION CHA.
Div.Int.Billing	<input type="text" value="AP"/>	AP DIVISION

- Assign Delivery Type and Checking Rule:

**Change View "Stock Transfer Data": Overview**

New Entries

Ty.	DT Dscr.	SPl	Name 1	DITy.	Description	CRl	Description o...	S...	R...	De...	De...	DT...	A.	Req. ...	AT...
UB	S.T.O	AP11	MANUFACTURI	NLCC	Replen.Cross-c...	B	SD delivery	<input type="checkbox"/>	<input type="checkbox"/>						<input type="checkbox"/>

- Assign Document type, One Step Procedure & Under delivery Tolerance:

**Change View "Default Do**

New Entries

Doc. Category

Default Document Type for Stock Tran

SPIt	PInt	Type	One Step	U...	M
AP11	AP14	NB	<input type="checkbox"/>	<input type="checkbox"/>	I

- Assign Shipping Points:



**Display IMG**

Existing BC Sets   BC Sets for Activity   Activated BC Sets for Activity   Release

**Structure**

- Logistics Execution
  - Direct Store Delivery
  - Decentralized WMS Integration
  - Extended Warehouse Management Integration
  - Integration of External Warehouse Systems
  - Warehouse Management
  - Shipping
    - Basic Shipping Functions
      - Configure Global Shipping Data
      - Shipping Point and Goods Receiving Point Determination
        - Define Shipping Conditions
        - Define Shipping Conditions by Sales Document Type
        - Define Loading Groups
        - Restrictions for the Industry Solution for Defense Forces & Public Security
        - Set Up Storage-Location-Dependent Shipping Point Determination
        - Assign Shipping Points
        - Assign Goods Receiving Points for Inbound Deliveries

**New Entries: Overview of Added Entries**

Shipping Point Determination

SC	LGrp	Plnt	PrShP	MShPt	MShPt	MShPt	MShPt	MShPt	MShPt
01	0001	AP11	AP21						

➤ Define Item Category Determination in Deliveries:



**Display IMG**

Existing BC Sets    BC Sets for Activity    Activated BC Sets for Activity

Structure

- Logistics Execution
  - Direct Store Delivery
  - Decentralized WMS Integration
  - Extended Warehouse Management Integration
  - Integration of External Warehouse Systems
  - Warehouse Management
  - Shipping
    - Basic Shipping Functions
    - Deliveries
      - Check Delivery Types and Item Categories
      - Define Delivery Types
      - Maintain Key Conversion of Document Types for Cross-System Flow of Goods
      - Define Item Categories for Deliveries
      - Define Item Category Determination in Deliveries
      - Maintain Conversion of Item Categories for Cross-System Flow of Goods

**New Entries: Overview of Added Entries**

Delivery item category determination

DlvT	ItCG	Usq.	ItmC	ItmC	MItC	MItC	MItC
NLCC	NORM			NLC			

All the configuration for 'INTER STO' is done.

For testing go to 'ME21N'

- Create Purchase Order(ME21N):

**Create Purchase Order**

Document Overview On | Hold | Park | Print Preview | Messages | Personal Setting | Save As Template | Load from Template

Purch. Org. AP22 AP TEST P.ORG  
 Purch. Group AP1 AP P.GRP  
 Company Code AP22 AP TEST PVT LTD

S.	Item	A	I	Material	Short Text	PO Quantity	UoM	C Delv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt	Stor. Locat
10				00000009000	STO TEST MATERIAL-1		EA	11.04.2022	100.00	INR	1	EA	0001	AP14	AP01
										INR					
										INR					

Item: 1 [ 10 ] 0000000900001327 , STO TEST MAT.


Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | Texts | Delivery Address | Confirmations | **Shipping** | Condition...


Delivery Type: NLCC Replen.Cross-com. Delivery Date: 11.04.2022 Sales Org.: AP21 AP SALES ORG  
 Shipping Point: AP21 AP SHIPPING POI. Deliv. Creation Date: Distr. Channel: AP AP DISTRIBUTION CHA.  
 Del. Prior.: 1 High Planned Deliv. Time: 5 Days Division: AP AP DIVISION  
 Shipping Cond.: 01 As soon as possible  Order Combinat.  
 Loading Group: 0001 Crane Customer: 52 AP TEST CUSTOMER-1  
 Trans. Group: 0001 On palettes Unloading Point:

Standard PO created under the number 4700001161

➤ Create Outbound Delivery(VL10D):



### Purchase order items

   Collective Processing Logs

Shipping Point/Receiving Pt	AP21	to	<input type="text"/>	
Deliv. Creation Date	06.04.2022	to	07.04.2022	
CalcRuleDefltDlvCrDt	2			

General Data
**Purchase Orders**
Material
User Role

#### Add. Criteria - Stock Transport Order

Purchasing Document	4700001161	to	<input type="text"/>	
Supplying Plant	<input type="text"/>	to	<input type="text"/>	



**Activities Due for Shipping "Purchase order items"**

Background

OriginDoc. Sold-to pt SaTy							
Item	GI	Date	DB	Material	Open qty	BUn	CumQty SU
4700001161				NB			
<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	10	0000000900001327	10	EA 10 EA

**Activities Due for Shipping "Purchase order items"**

Background

OriginDoc. Sold-to pt SaTy							
Item	GI	Date	DB	Material	Open qty	BUn	CumQty SU
4700001161				NB			
<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	10	0000000900001327	0	EA 0 EA
<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	10	0000000900001327	0	EA

**Delivery Creation Log**

Choose Save

Group	Document	Sort
6209	80017658	

- Create Post Goods Issue(VL02N):



### Change Outbound Delivery

Post Goods Issue

Outbound Delivery

### Replen.Cross-company 80017658 Change: Overview

Post Goods Issue

Outbound deliv.  Document Date   
 Ship-to party  AP TEST CUSTOMER-1 // IN-

**Item Overview** | Picking | Loading | Transport | Status Overview | Goods Movement Data

Planned GI   Total Weight   
 Actual GI date   No.of packages

All Items											
Itm	Material	Batch	Val. Type	Open Qty	Un	Stag. Date	Matl...	Picked Qty	Un	Gross Weight	Un
10	0000000900001327			0	EA	09.04.2022	00:0...	10	EA	10	KG

### Replen.Cross-company 80017658 Change: Overview

Post Goods Issue

Outbound deliv.  Document Date   
 Ship-to party  AP TEST CUSTOMER-1 // IN-

**Item Overview** | Picking | Loading | Transport | Status Overview | Goods Movement Data

Pl. gds mvmt   TotalGdsMvtStat  Not yet started  
 Act. gds mvmt

All Items											
Itm	ItCa	Plnt	Sl oc	Material	Deliv. Qty	Un	M...	N Batch	B..	Val. Typ	
10	NLC	AP12		0000000900001327	10	EA	643				



### Stock Overview: Basic List



#### Selection

Material:  STO TEST MATERIAL-1  
 Material Type: HALB Semi inished Product  
 Unit of Measure: EA Base Unit of Measure: EA

#### Stock Overview



Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ...
Full	110.000				490.000	
AP21 AP PVT LTD	100.000				460.000	
AP11 MANUFACTURING-1	90.000				340.000	
AP01 RAW	90.000				290.000	
AP12 MANUFACTURING-2	10.000				120.000	
AP01 RAW	10.000				110.000	
AP22 AP TEST PVT LTD	10.000				30.000	
AP14 AP RAW TEST	10.000				30.000	
AP01 RAW	10.000				30.000	

Here Inter STO is working properly as per configuration.

# THANK YOU



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