

Stock transfer from one plant to another within the same company code with SD Delivery:

1. IMG→ Enterprise structure → Assignment → Logistic General → Assign Plant to company Code.

(Both the Plants must be assigned to the same Company Code).

2. Assign Sales Org/ Dist Channel to Plants.

IMG → Enterprise structure → Assignment → SD → Assign Sales Org/ Dist Channel to Plant.

(Because of this setting, when we change the plant in the order line item, system will accept that plant as the delivering plant, though it is not assigned to that company code)

3. IMG → MM → Purchasing → Purchase Order → Set up STO →

Define shipping data for plants

Here we maintain Receiving Plant as Customer which is used in SD shipping processing to identify the goods recipient (SH). Enter the internal customer number in Detailed Information tab, Customer no. - Plant field.

The internal Customer should be assigned to the Sales area of the receiving plant.

Assign Delivery Type and Checking Rule

The settings should be:

Purchase Order Type UB – Supplying Plant XXXX - Delivery Type NL – Checking Rule B: SD
Delivery .. Because of this setting, when we create the Delivery in the supplying plant XXXX,
Delivery is created automatically with this Delivery Type (Delivery Type NL).

Assign Document Type, One step Procedure, Under delivery Tolerance

Here we define which purchasing document type should be used for a certain combination of supplying plant and receiving plant.

Since in this scenario, supplying and receiving plants belong to the same company code, document Type is 'UB'. A physical stock transfer is then carried out without a billing document. Because of this setting, when we create the Purchase order in ME21n, we use the order Type UB.

How to configure STO?

SPRO-MM-Purchasing-Purchasing order-set up STO

Here first u have to define the sales area and the default customer code. You have to assign the order type to the checking rule. Finally u need to maintain the delivery type for the order type.

I can not create a Performa billing document for a replenishment delivery. What has gone wrong?

Normal R/3 setting does not allow a billing document to be created for a delivery type NL. You need to change the customization settings of the Item category type NLN so that it becomes relevant for billing.

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STO

Create Purchase order with T code ME21n.

Choose the Order Type as: UB

Enter Supplying Plant : INDO

Item category : U

Enter Material : ST01

Enter Receiving Plant : INRR

PO quantity : 4

Storage location (Rec. Plant) : INR2

[illegible]

Click on Check button, if no errors, then save.

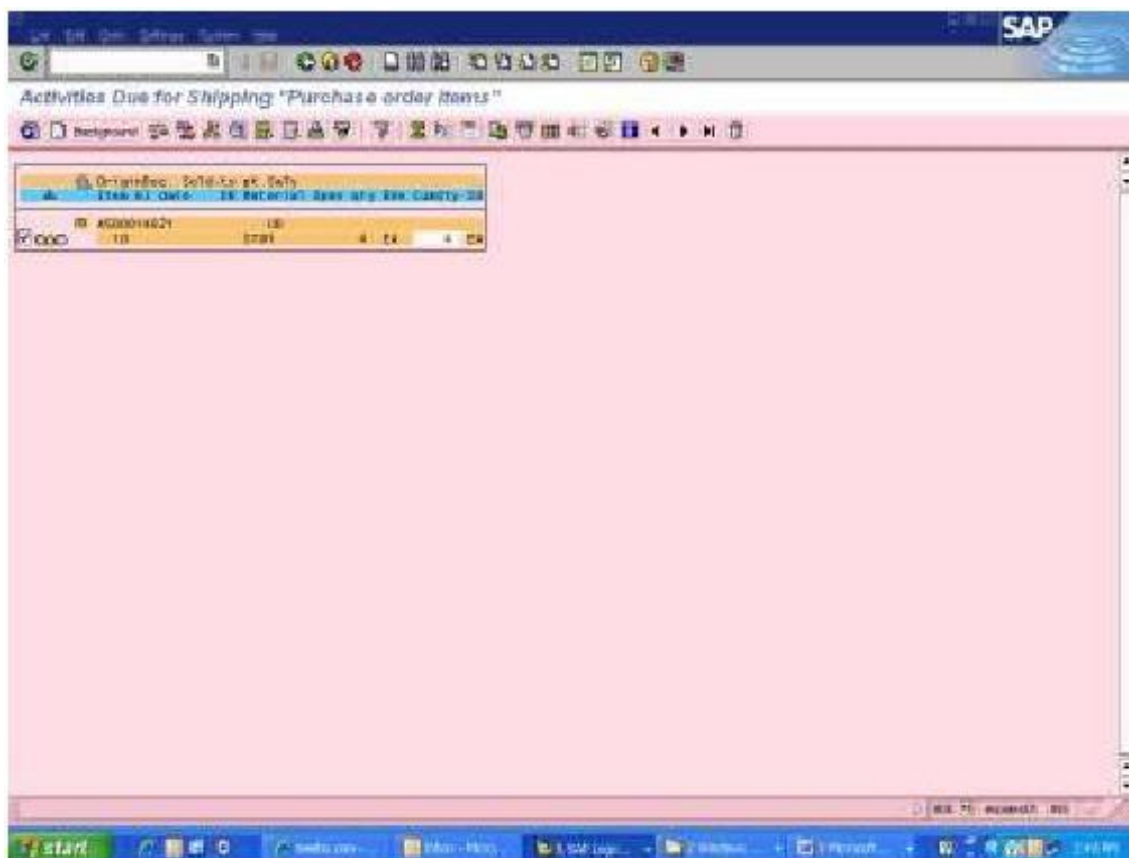
Purchase order number will be generated. Note down the Purchase order number

Now go to T code VL10d (Purchase order items). Here you enter the Purchase order number in the Purchase Order tab and execute.

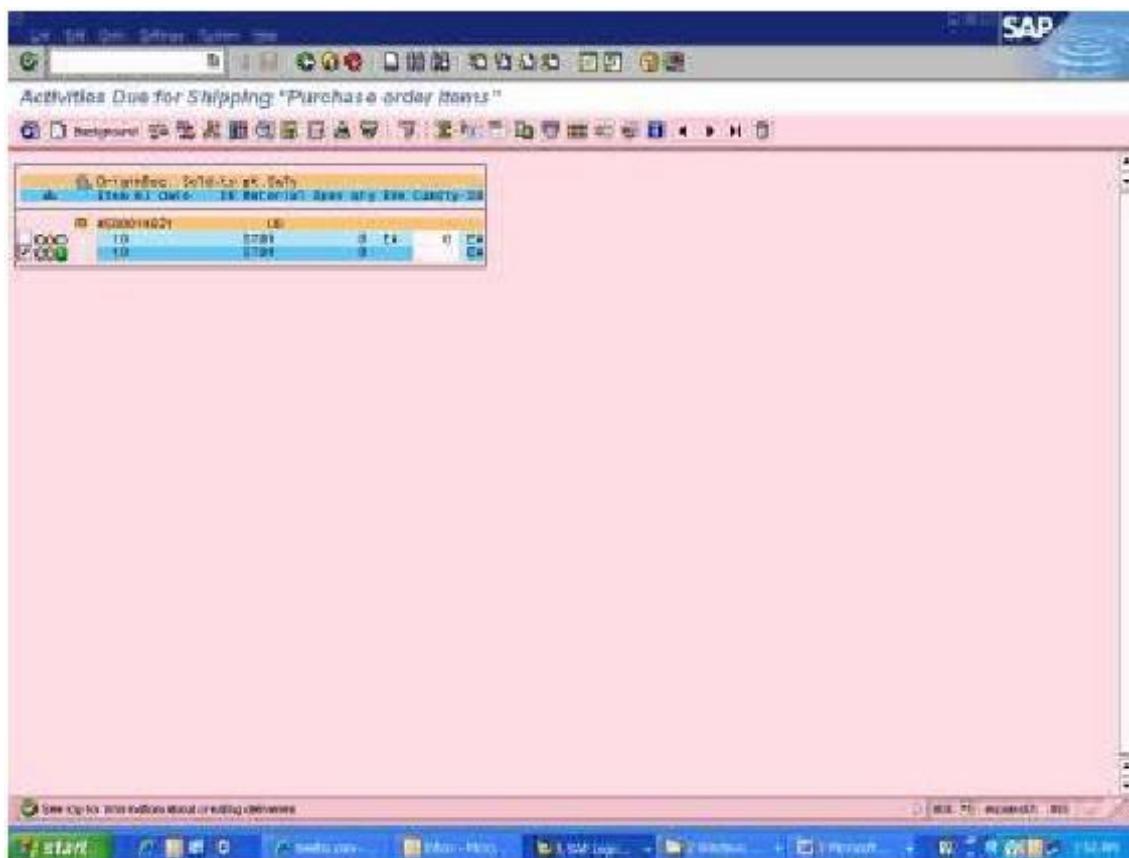
The screenshot shows the SAP VL10d (Purchase order items) transaction screen. The title bar at the top reads "Purchase order items". Below the title bar, there is a "Collective processing logs" section. The main area is divided into tabs: "General Data", "Purchase orders", "Material", and "User role". The "Purchase orders" tab is selected. In this tab, there is a section for "Add: orders - stock transport order" with fields for "Purchasing Document" (containing the value 4500014871) and "Shipping plant". The "Shipping plant" field is empty. The bottom of the screen shows the SAP taskbar with various icons and the system clock.

Field	Value
Shipping Plant/Receiving Pt.	
Delivery date	09/15/2008
Calculation Date	0
Purchasing Document	4500014871
Shipping plant	

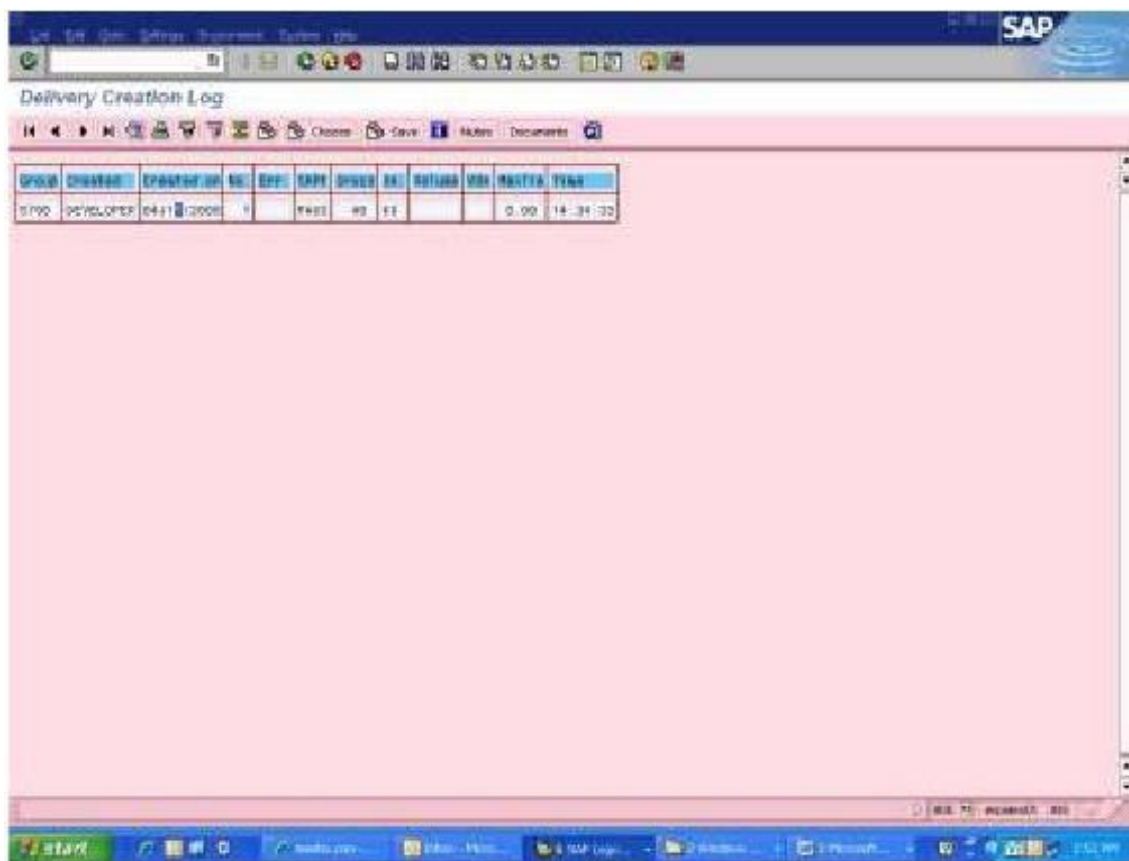
The following screen will appear. Here you check the box and click on background button.



Here you put the check box in second line and click on Log on delivery creation button

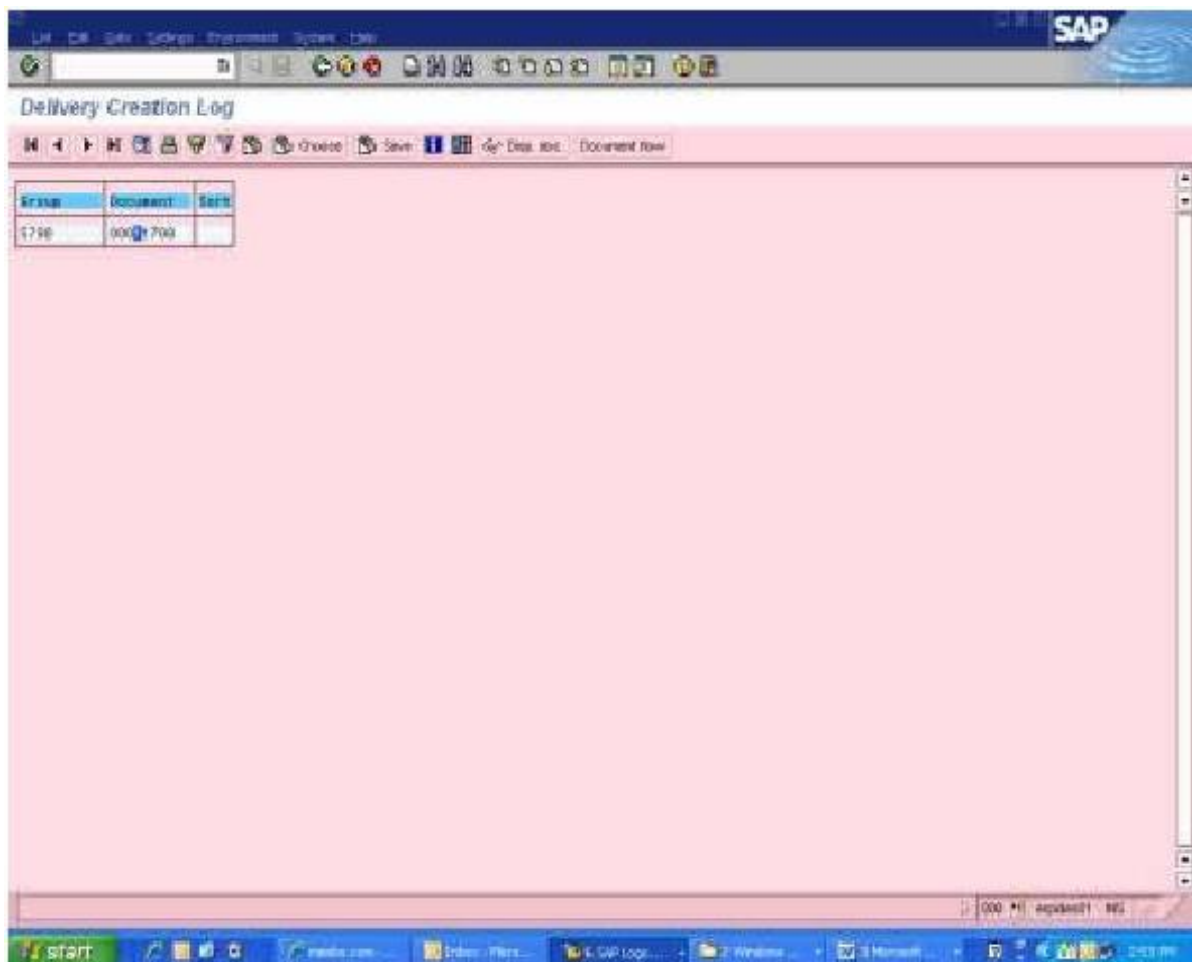


Here select the line and click on documents Button

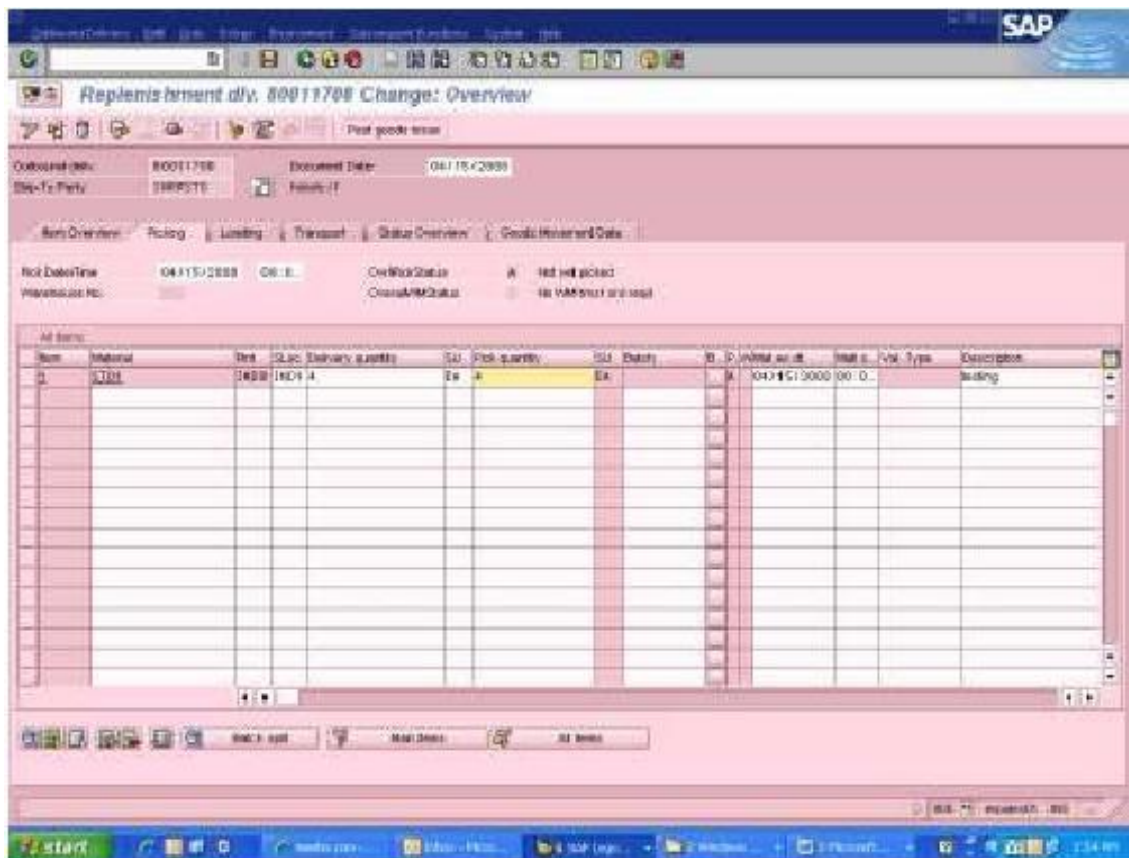


Select the line and click on Display Document Button

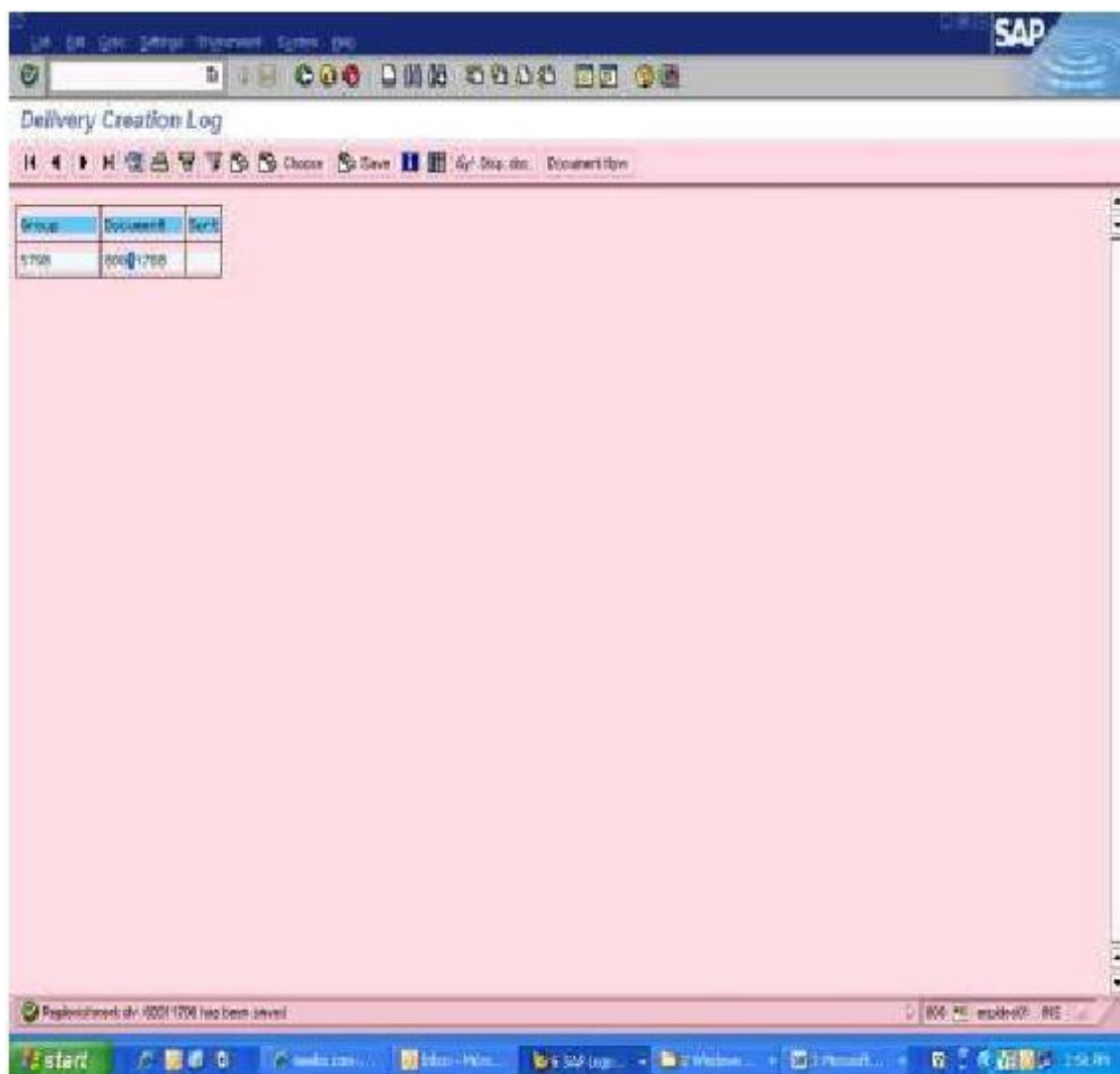
We can see that delivery 80011708 has been created in the background with Delivery type NL.



Go to the Delivery document in change mode and do the picking and the Goods issue and save this delivery Document.



You will get message that Replenishment deliver has been saved.



Check Stock in Transit with T code MB5T
Put the check Transfer order and enter the material number and execute.

Program: MB5T - Display of stock in transit

Display of stock in transit

Database selection

Material	STES		
Receiving plant		to	
Receiving plant company code		to	
Supplying plant		to	
Stocked stock		to	
☒ Check transfer orders			
☐ Check company code			
☐ PDCs with old contract address too			
☐ Deleted purchase orders too			

Display options

Layout: 0

In selected line we can see 4 quantity against our Purchase order number still lying in the Supplying Plant INDO.

The screenshot shows the SAP Stock in Transit (ZL03) report for Material 43601. The report is titled "Display of Stock in Transit" and shows the following data:

Material No.	Material Description	Plant	Stock Type	Batch	Quantity	Unit of Measure	Value
43601	43601	10	1000	1	24	0.01	100
43601	43601	10	1000	2	24	0.01	100
43601	43601	10	1000	3	24	0.01	100
43601	43601	10	1000	4	24	0.01	100
43601	43601	10	1000	5	24	0.01	100
43601	43601	10	1000	6	24	0.01	100
43601	43601	10	1000	7	24	0.01	100
43601	43601	10	1000	8	24	0.01	100
43601	43601	10	1000	9	24	0.01	100
43601	43601	10	1000	10	24	0.01	100

The report also includes a summary table at the bottom:

Material No.	Material Description	Plant	Stock Type	Batch	Quantity	Unit of Measure	Value
43601	43601	10	1000	1	24	0.01	100
43601	43601	10	1000	2	24	0.01	100
43601	43601	10	1000	3	24	0.01	100
43601	43601	10	1000	4	24	0.01	100
43601	43601	10	1000	5	24	0.01	100
43601	43601	10	1000	6	24	0.01	100
43601	43601	10	1000	7	24	0.01	100
43601	43601	10	1000	8	24	0.01	100
43601	43601	10	1000	9	24	0.01	100
43601	43601	10	1000	10	24	0.01	100

Now do the Goods Receipt at the Receiving Plant INRR with the T code MIGO

Goods Receipt Purchase Order 4500014871 - NIIT User

Reverse Transfer Global Trade

Document Date 14/11/2000 Delivery Note 00011781 Header Ref

Posting Date 14/11/2000 Bt. unloading

☐ 1 individual Slip ☒ QR/GI Slip No.

Unloading Plant	Requisition	Mtl. Cont.	Plant	Qty. CPlan	Qty	Order quantity	Val. type	Valuation Type	Batch
					1				

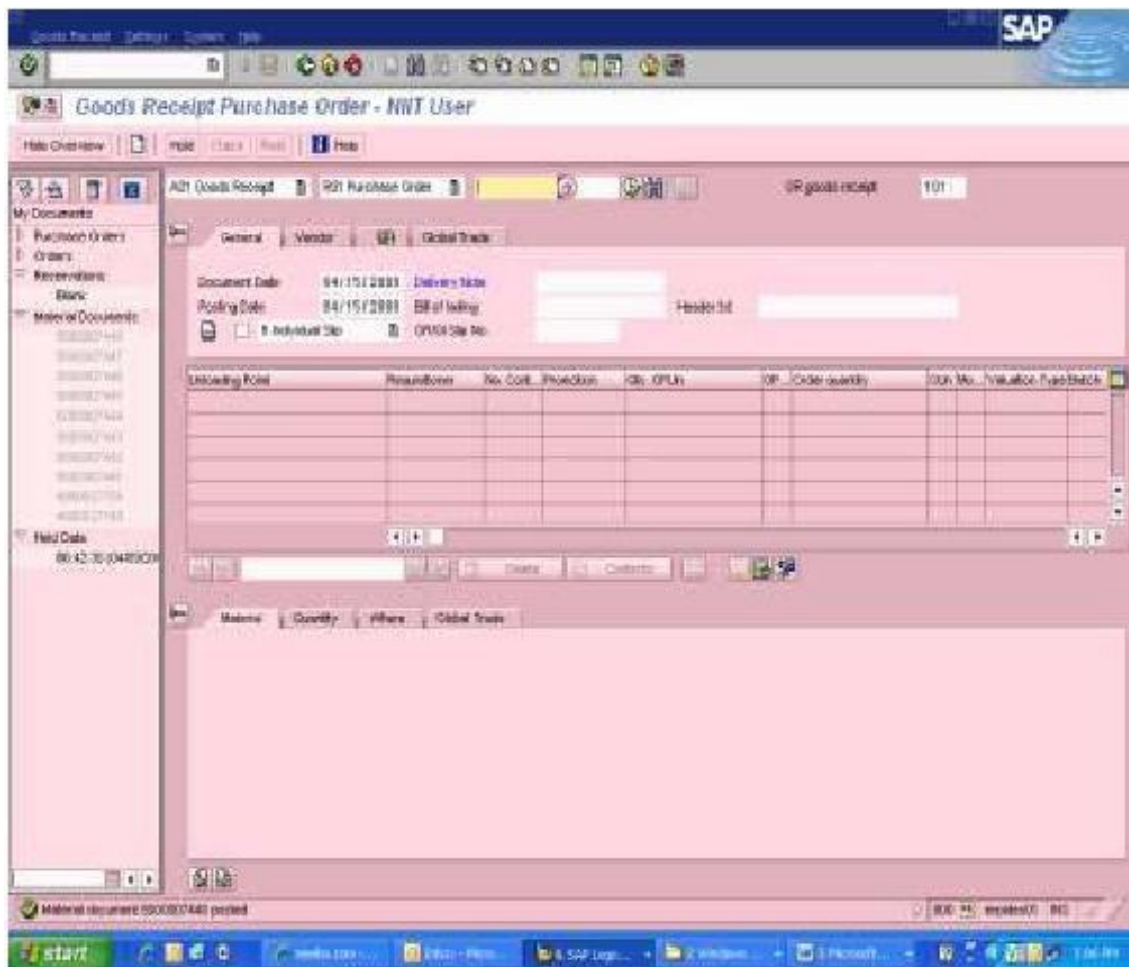
Material 00000000 Vendor Material No. Material Group 000000

EAN number and EAN origin

000 sept01 10:00

Enter the PO Number.
In the Delivery Note field, enter the Delivery document Number
Put the check box Item OK, Check and POST

Material Document number will be created.



Once you have done the Goods issue and goods receipt, you can see the PO history in the PO.

The screenshot shows the SAP Stock transport order 4500014871. The 'Purchase order history' tab is active, displaying a table of transactions related to the order.

Ref	Item	Posting Date	Quantity	Delivery cost quantity	GRN	Amount
WE	101	03/08/2008	4	0	EA	0.00
Tr.ev. Goods receipt						
PA	101	03/08/2008	4	0	EA	4,000.00
Tr.ev. Goods issue						
LD	101	03/08/2008	4	0	EA	0.00
Tr.ev. Delivery note						

Now if we check in T code MB5T (Transit Stock), the material STO1 will not be there in the supplying Plant INDO.

It will now be posted in unrestricted stock.

Now check the stock in MMBE, stock has increased by 4 qty in the Receiving Plant.

The quantity posted from stock is first of all managed as stock in transfer in the receiving plant. Only once the goods receipt (MIGO) has been posted is the quantity posted to the unrestricted-use stock of the receiving plant.

NOTE:

From SD side, the process ends here. The invoicing (if it is to be made) will be done from the MM side.

The records found for the condition Types/ Info Records of Pricing schema from the Purchase Order will be the basis for pricing.

The excise invoice may be needed when the goods leave the Supplying plant to the Ordering plant. Usually a Performa invoice will be accompanied with the goods by the transporter. This Excise Performa invoice will be created with reference to the delivery document which has been created. Once the Goods receipt has been done in the receiving plant, then the Excise invoice will be created with reference to this Performa invoice.

Copy control has to be maintained between Delivery document NL and Excise Performa invoice
See (VTL).

Now to create the Excise Invoice, go to T code J1IIN , The following Screen appears

The screenshot shows the SAP 'Create Excise Invoice for Factory Sale' screen. The title bar at the top indicates the system is 'SAP'. Below the title bar, the main heading is 'Create Excise Invoice for Factory Sale'. A green bar below the heading contains the text 'Due list'. The main area of the screen contains three input fields: 'Billing document' (highlighted in yellow), 'Posting Date' (04/15/2006), and 'Sub transaction type'. The bottom status bar shows 'J1IIN' and 'created by: INS'.

Enter the Performa invoice document Number in the Billing Document field and press enter. System will create the Excise Invoice.
Prerequisite: CIN has to be configured properly for generating the Excise Invoice with ref to this Performa invoice.