



USER MANUAL

Document information	
Stock Transfers with Valuated Stock in Transit Transaction Monitor	Stock Transfers with Valuated Stock in Transit Transaction Monitor
Module	MM – Materials Management
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Version	1.0
Date	

Change history					
Changed date	Items have been changed	Changed content/Reason	Updated by	Type (A/C/D)	Version
	All	First Release		A	1.0
<i>A – Create C – Change D – Delete</i>					

FPT Signature				
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USER MANUAL - SAP MM

Topic: Stock Transfers with Valuated Stock in Transit Transaction Monitor

Module: Materials Management (MM)

Version: 01

Last update: April 2025

Authors: Nguyễn Quang Khánh, Đinh Minh Huân, Lương Phạm Việt Anh, Nguyễn Lê Phương Uyên

Motivation

Optimizing inter-plant stock transfers with valued stock in transit requires clear, consolidated visibility across every step—from Goods Issue through Goods Receipt. This monitor delivers real-time status updates and highlights exceptions automatically, cutting down on manual reconciliation, speeding up issue resolution, and ensuring accurate inventory valuation and accountability between plants.

April-2025

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Stock Transfer Order (STO) Program

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Context

The **Stock Transfer Order (STO)** process plays a vital role in managing the movement of stock between plants within an organization. Traditionally, this process relies on multiple SAP standard transactions, involving significant manual effort and coordination across logistics, warehouse, and procurement teams.

To streamline operations and reduce the risk of errors, a custom SAP program (ZVSIT_PRJ_MAIN) was developed. This program consolidates the entire STO lifecycle into a single, integrated workflow — providing end-to-end visibility and control, from order creation to delivery, goods movement, and invoice posting.

Designed primarily for logistics, warehouse, and purchasing teams, this tool simplifies the management of inter-plant transfers by:

- Centralizing key process steps
- Supporting both manual selection and Excel-based batch processing
- Providing real-time process status tracking
- Enabling direct action execution (e.g., GI, GR, invoice) through an intuitive ALV interface

This User Manual serves as a comprehensive guide for all users involved in plant-to-plant stock transfers, helping ensure accuracy, efficiency, and consistency across all STO-related activities.


User Manual: Stock Transfers with Valuated Stock in Transit Transaction Monitor

Step 1: PO – Upload Stock Transfer Order

Task: Upload or select Stock Transfer Orders (STOs) to begin the transfer process.

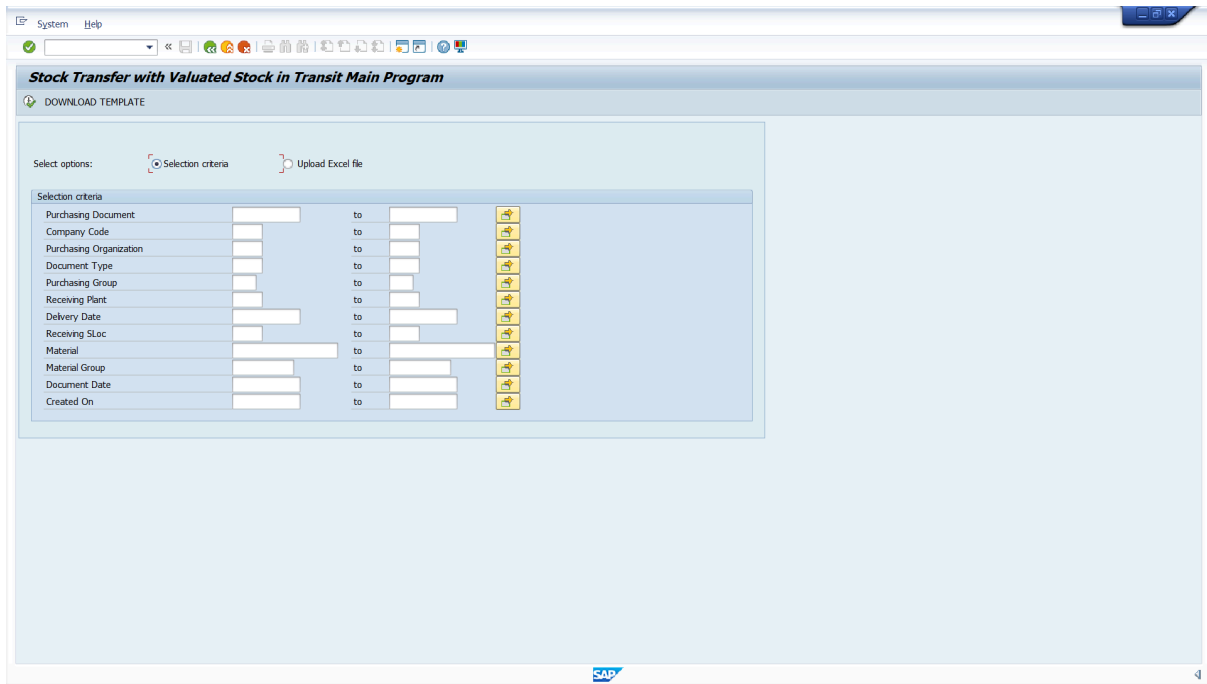
Position: Receiving Warehouse / Purchasing

Open SAP GUI.

In the command field, enter the transaction code:  then press Enter.




Screen display:

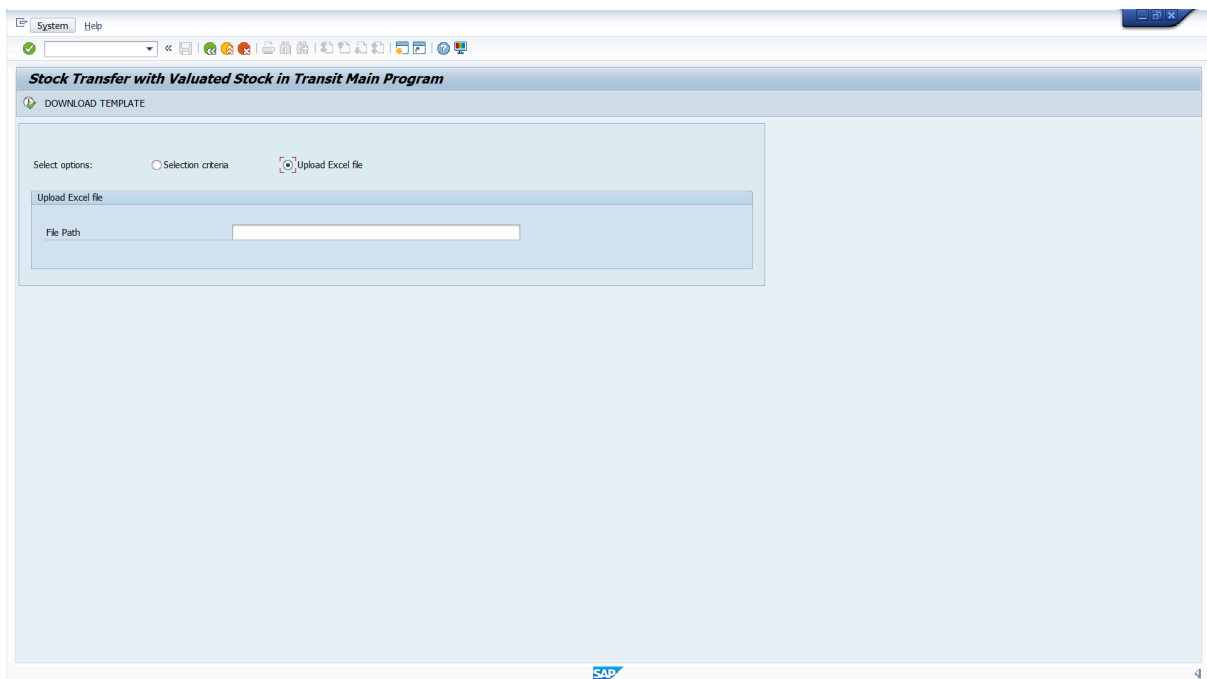


Choose input method:


- **Selection by criteria** (for manual filtering)

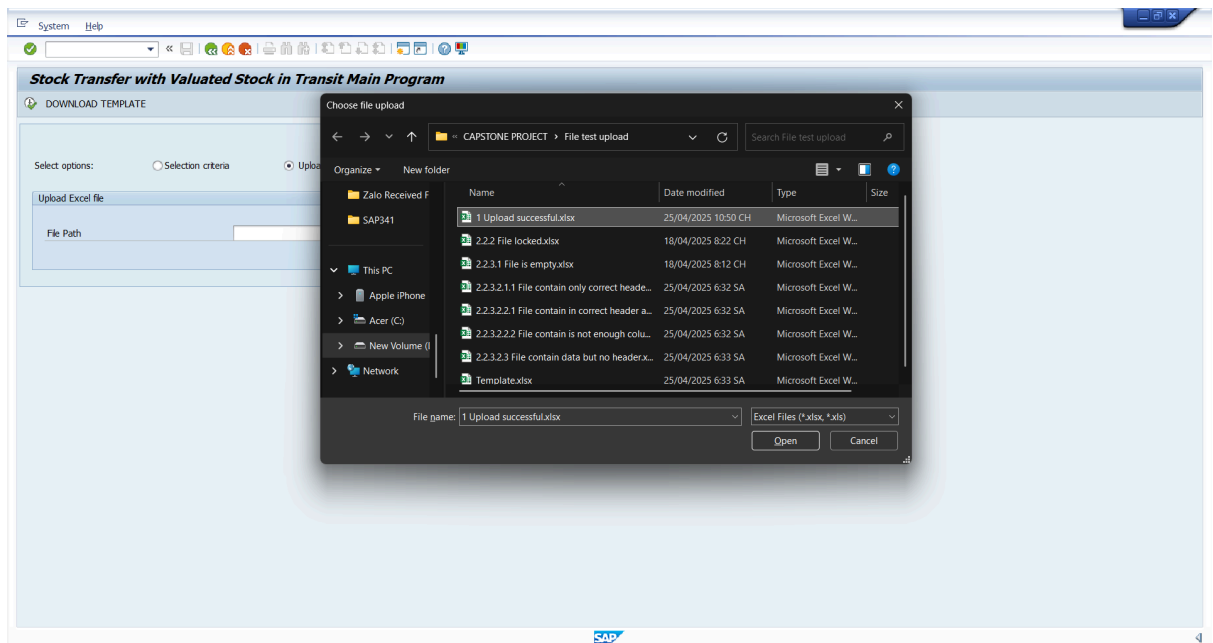
 Upload Excel file

- **Upload Excel file** (recommended for bulk)



Using upload by Excel:

- Choose file upload by open file catalog  or manual input file path



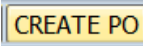
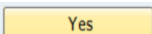
- Click to execute button  or F8 to upload file.

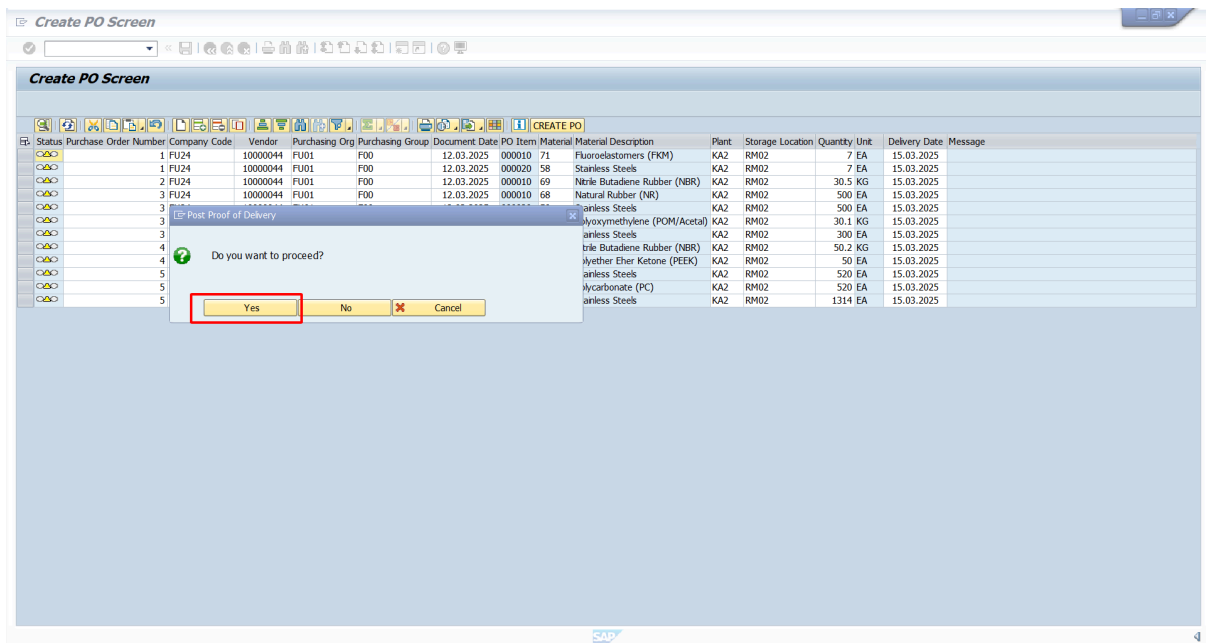
Create PO Screen

CREATE PO

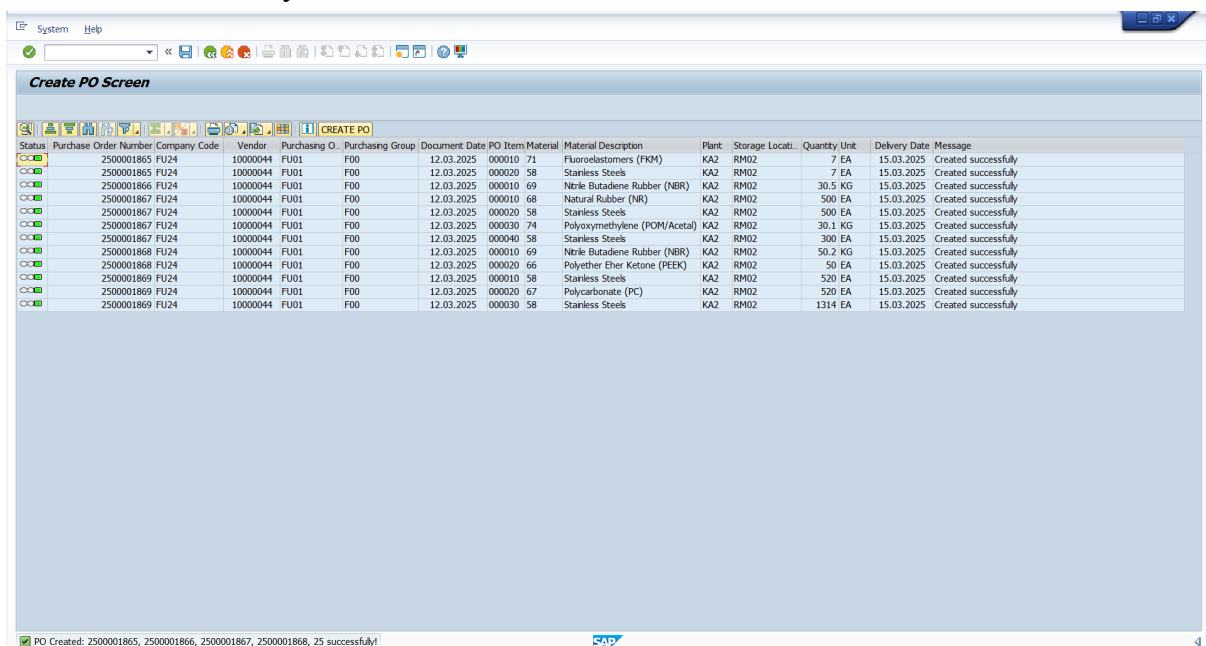
Status	Purchase Order Number	Company Code	Vendor	Purchasing Org	Purchasing Group	Document Date	PO Item	Material	Material Description	Plant	Storage Location	Quantity	Unit	Delivery Date	Message
	1 FU24	10000044	FU01	F00		12.03.2025	000010	71	Fluoroelastomers (FKM)	KA2	RM02	7	EA	15.03.2025	
	1 FU24	10000044	FU01	F00		12.03.2025	000020	58	Stainless Steels	KA2	RM02	7	EA	15.03.2025	
	2 FU24	10000044	FU01	F00		12.03.2025	000010	69	Nitrile Butadiene Rubber (NBR)	KA2	RM02	30.5	KG	15.03.2025	
	3 FU24	10000044	FU01	F00		12.03.2025	000010	68	Natural Rubber (NR)	KA2	RM02	500	EA	15.03.2025	
	3 FU24	10000044	FU01	F00		12.03.2025	000020	58	Stainless Steels	KA2	RM02	500	EA	15.03.2025	
	3 FU24	10000044	FU01	F00		12.03.2025	000030	74	Polyoxymethylene (POM/Acetal)	KA2	RM02	30.1	KG	15.03.2025	
	3 FU24	10000044	FU01	F00		12.03.2025	000040	58	Stainless Steels	KA2	RM02	300	EA	15.03.2025	
	4 FU24	10000044	FU01	F00		12.03.2025	000010	69	Nitrile Butadiene Rubber (NBR)	KA2	RM02	50.2	KG	15.03.2025	
	4 FU24	10000044	FU01	F00		12.03.2025	000020	66	Polyether Ether Ketone (PEEK)	KA2	RM02	50	EA	15.03.2025	
	5 FU24	10000044	FU01	F00		12.03.2025	000010	58	Stainless Steels	KA2	RM02	520	EA	15.03.2025	
	5 FU24	10000044	FU01	F00		12.03.2025	000020	67	Polycarbonate (PC)	KA2	RM02	520	EA	15.03.2025	
	5 FU24	10000044	FU01	F00		12.03.2025	000030	58	Stainless Steels	KA2	RM02	1314	EA	15.03.2025	

Create PO (if no validation errors exist on the screen, the PO can be created):

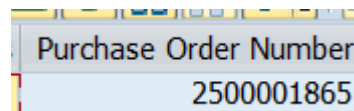
- Click on the CREATE PO button 
- Confirm the execution of the PO creation action by clicking on the YES button 



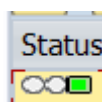
Create PO successfully:



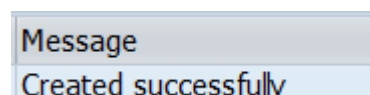
- The PO number is updated in the **PO Number** field



- **Status** field displays a green icon



- **Message** field shows the text: "Create successfully"



- The notification message displays the list of created PO numbers.

PO Created: 2500001865, 2500001866, 2500001867, 2500001868, 25 successfully!

Step 2: Create Outbound Delivery

Task: DO – Post Outbound Delivery

Position:

In the ALV grid, select PO-STO lines.

System Help

Report Main Screen

Purchase Order Items - Totals: 150 records.

Purchasing Document	Item	Material Short Text	Company Code	Iss. Plant	Receiv Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001864	10 58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	20 67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	30 58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1.314	0	1.314	1.314	0	0	10000044
2500001863	10 69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	10000044
2500001863	20 66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	0	50	50	0	0	10000044
2500001862	10 68	Natural Rubber (NR)	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	20 58	Stainless Steels	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	30 74	Polyoxymethylene (POM/Acetal)	FU24	KA1	KA2	RM02	KG	30,100	0	30,100	30,100	0	0	10000044
2500001862	40 58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	10000044
2500001861	10 69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	30,500	0	30,500	30,500	0	0	10000044

Delivery Outbound Header - Totals: 0 records.

Delivery Outbound Purchase Order Shipping Point/Receiving Pt: Sales Organization Delivery Type Loading Date Delivery Date Customer DO Created By DO Post Date GI Doc. Num GI Posted By GI Post Date POD Doc. Num POD Posted By POD Post Date GR Doc. Num GR Posted By

Delivery Outbound Items - Totals: 0 records.

Item Category Time Created On Material Plant Storage Location Delivery Quantity Base Unit of Measure Actual delivery qty Item Description Material Type Distribution Channel Division

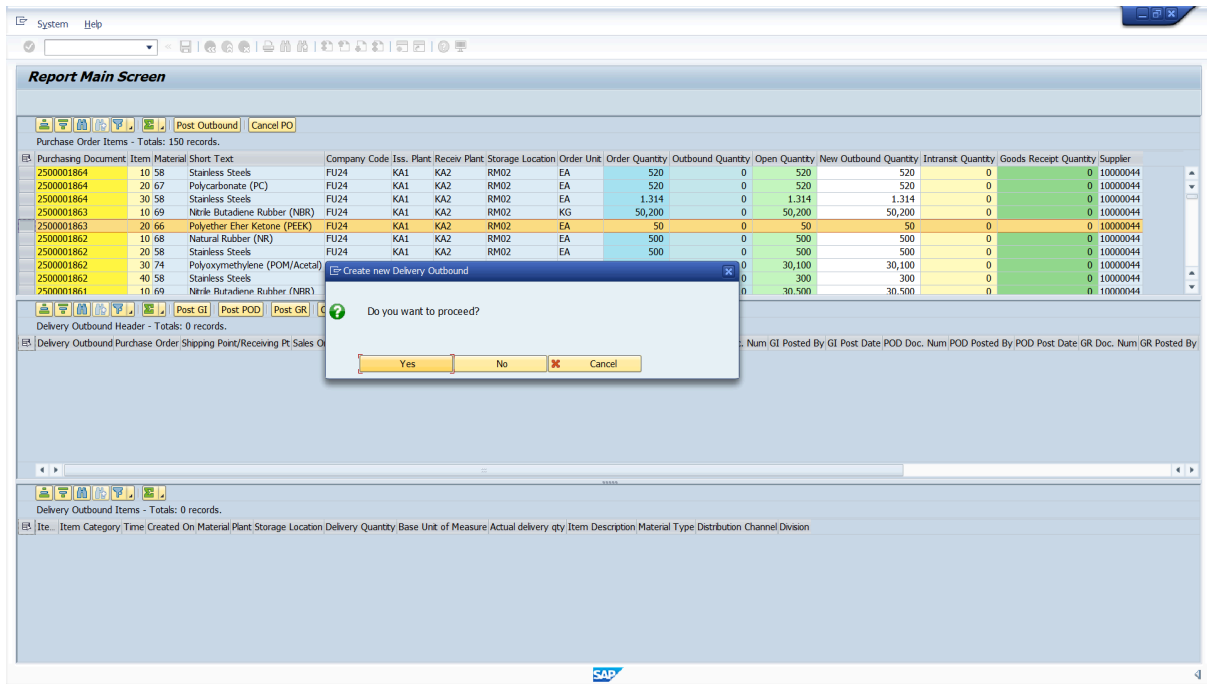
Total of 150 Purchase Order Items is found.

Input New Outbound Quantity:

New Outbound Quantity
520
520
1.314
50,200
50
500
500
30,100
300
30.500

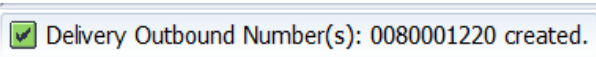
Click

Post Outbound

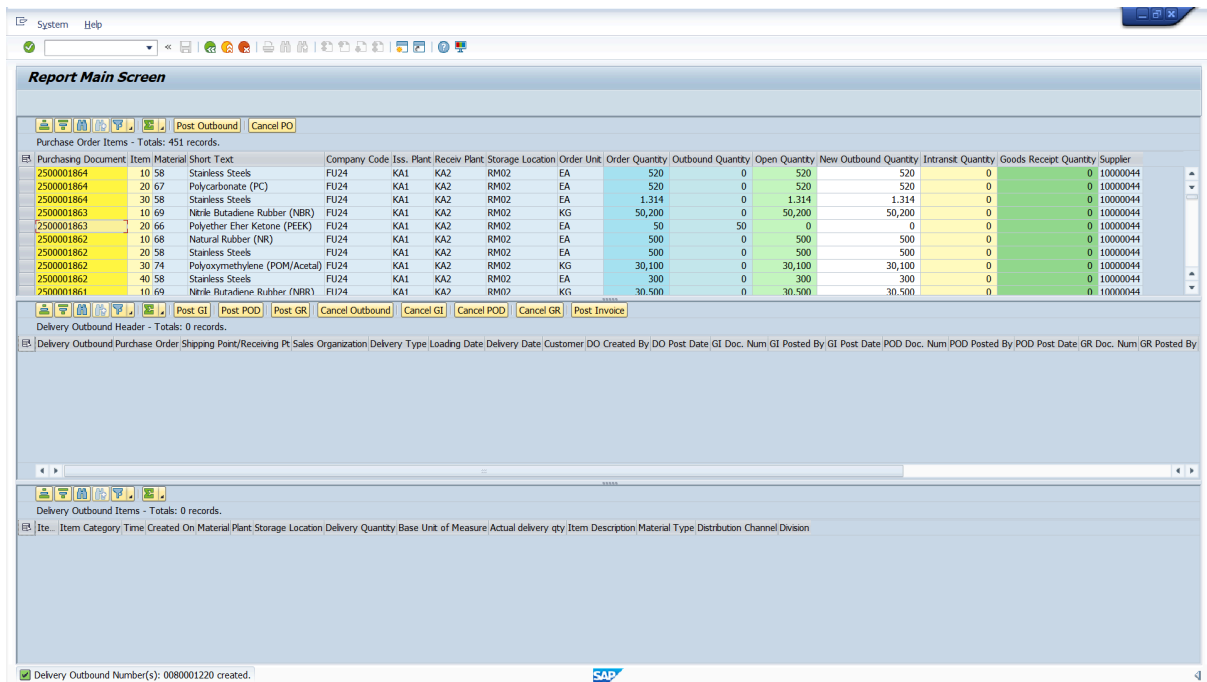


Click “Yes”

The system will create the Delivery Order.



Delivery number will be shown in the ALV if successful. Stock Transfers To Outbound Quantity Column.




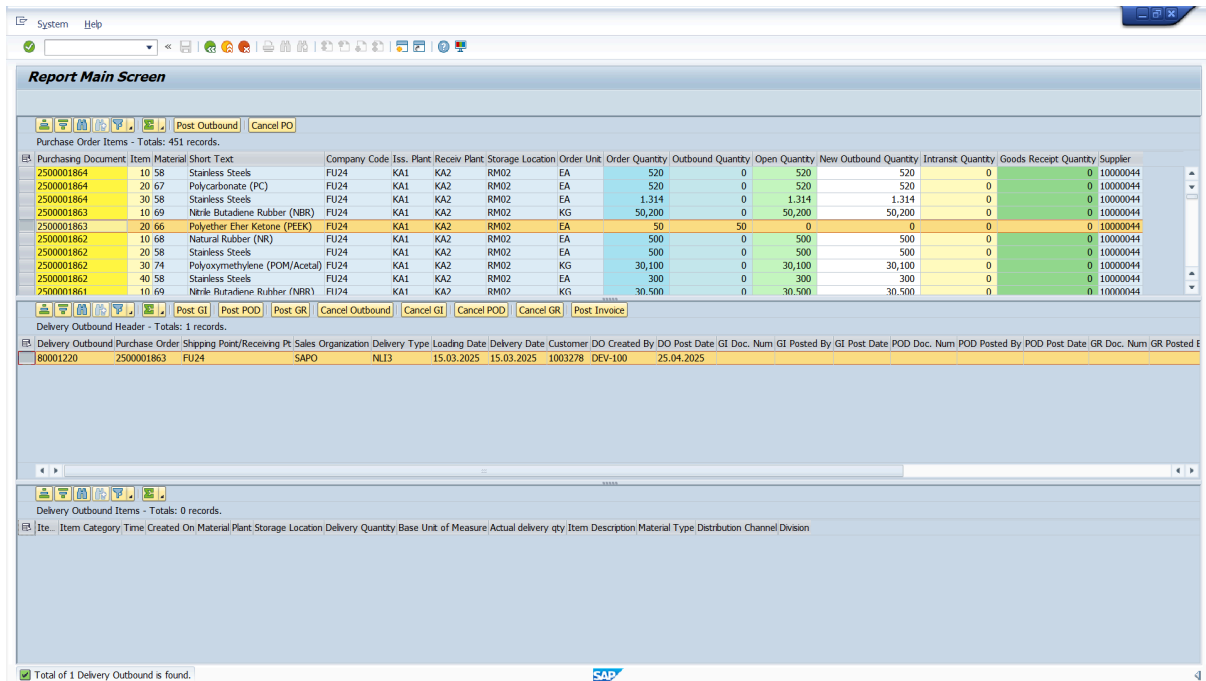
Step 3: GI – Post Goods Issue

Task: Post Goods Issue to reduce stock from the issuing plant.

Position:

In the Report Main Screen double click on lines where delivery has been created.

 Total of 1 Delivery Outbound is found.



Report Main Screen

Purchase Order Items - Totals: 451 records.

Purchasing Document	Item	Material	Short Text	Company Code	Iss. Plant	Receiv. Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001864	10	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	20	67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	30	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1.314	0	1.314	1.314	0	0	10000044
2500001863	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	10000044
2500001863	20	66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	50	0	0	0	0	10000044
2500001862	10	68	Natural Rubber (NR)	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	20	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	30	74	Polyoxymethylene (POM/Acetal)	FU24	KA1	KA2	RM02	KG	30,100	0	30,100	30,100	0	0	10000044
2500001862	40	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	10000044
2500001861	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	30,500	0	30,500	30,500	0	0	10000044

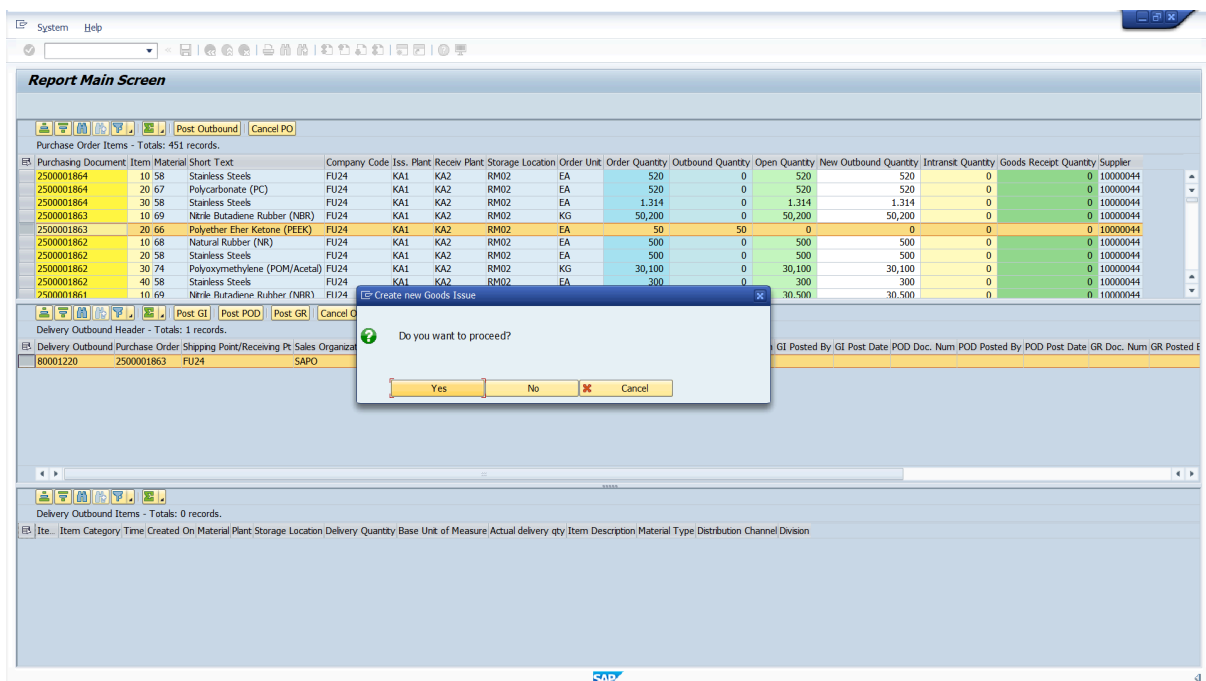
Delivery Outbound Header - Totals: 1 records.

Delivery Outbound	Purchase Order	Shipping Point/Receiving Pt.	Sales Organization	Delivery Type	Loading Date	Delivery Date	Customer	DO Created By	DO Post Date	GI Doc. Num	GI Posted By	GI Post Date	POD Doc. Num	POD Posted By	POD Post Date	GR Doc. Num	GR Posted E
80001220	2500001863	FU24	SAPO	NLJ3	15.03.2025	15.03.2025	1003278	DEV-100	25.04.2025								

Delivery Outbound Items - Totals: 0 records.

Total of 1 Delivery Outbound is found.

Click **Post GI** then **Yes** to Post Goods Issue.



Report Main Screen

Purchase Order Items - Totals: 451 records.

Purchasing Document	Item	Material	Short Text	Company Code	Iss. Plant	Receiv. Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001864	10	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	20	67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	30	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1.314	0	1.314	1.314	0	0	10000044
2500001863	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	10000044
2500001863	20	66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	50	0	0	0	0	10000044
2500001862	10	68	Natural Rubber (NR)	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	20	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	30	74	Polyoxymethylene (POM/Acetal)	FU24	KA1	KA2	RM02	KG	30,100	0	30,100	30,100	0	0	10000044
2500001862	40	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	10000044
2500001861	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	30,500	0	30,500	30,500	0	0	10000044

Delivery Outbound Header - Totals: 1 records.

Delivery Outbound	Purchase Order	Shipping Point/Receiving Pt.	Sales Organization	Delivery Type	Loading Date	Delivery Date	Customer	DO Created By	DO Post Date	GI Doc. Num	GI Posted By	GI Post Date	POD Doc. Num	POD Posted By	POD Post Date	GR Doc. Num	GR Posted E
80001220	2500001863	FU24	SAPO	NLJ3	15.03.2025	15.03.2025	1003278	DEV-100	25.04.2025								

Delivery Outbound Items - Totals: 0 records.

Do you want to proceed?

Yes No Cancel

The system will post movement type 68A. GI document number will be recorded in the grid.
Stock Transfers To Intransit Quantity Column.

System Help

Report Main Screen

Purchase Order Items - Totals: 451 records.

Post Outbound Cancel PO

Purchasing Document	Item	Material Short Text	Company Code	Iss. Plant	Receiv Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001864	10 58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	20 67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	30 58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1.314	0	1.314	1.314	0	0	10000044
2500001863	10 69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	10000044
2500001863	20 66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	50	0	0	50	0	10000044
2500001862	10 68	Natural Rubber (NR)	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	20 58	Stainless Steels	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	30 74	Polyoxymethylene (POM/Acetal)	FU24	KA1	KA2	RM02	KG	30,100	0	30,100	30,100	0	0	10000044
2500001862	40 58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	10000044
2500001861	10 69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	30,500	0	30,500	30,500	0	0	10000044

Delivery Outbound Header - Totals: 1 records.

Post GI Post POD Post GR Cancel Outbound Cancel GI Cancel POD Cancel GR Post Invoice

Delivery Outbound	Purchase Order	Shipping Point/Receiving Pt.	Sales Organization	Delivery Type	Loading Date	Delivery Date	Customer	DO Created By	DO Post Date	GI Doc. Num	GI Posted By	GI Post Date	POD Doc. Num	POD Posted By	POD Post Date	GR Doc. Num	GR Posted By
80001220	2500001863	FU24	SAPO	NL13	15.03.2025	15.03.2025	1003278	DEV-100	25.04.2025	-4900039913	DEV-100	25.04.2025					

Delivery Outbound Items - Totals: 0 records.

Item Category Time Created On Material Plant Storage Location Delivery Quantity Base Unit of Measure Actual delivery qty Item Description Material Type Distribution Channel Division

Post Goods Issue successfully for Delivery Outbound.

SAP

Step 4: POD – Confirm Proof of Delivery

Task: Confirm goods have physically arrived at the receiving plant.

Position:

Select Delivery Outbound GI-posted lines.

The screenshot shows the SAP 'Report Main Screen' for a Purchase Order. The top section displays 'Purchase Order Items - Totals: 451 records.' with a table of items including materials like Stainless Steels, Polycarbonate (PC), Nitrile Butadiene Rubber (NBR), Polyether Ether Ketone (PEEK), Natural Rubber (NR), and Polyoxymethylene (POM/Acetal). The bottom section displays 'Delivery Outbound Header - Totals: 1 records.' with a table showing delivery details for item 10, material NLI3, quantity 50, and description 'Polyether Ether Ketone (PEEK) ROH'.

Purchasing Document	Item	Material	Short Text	Company Code	Iss. Plant	Receiv Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001864	10	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	20	67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	30	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1.314	0	1.314	1.314	0	0	10000044
2500001863	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	10000044
2500001863	20	66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	50	0	0	0	50	10000044
2500001862	10	68	Natural Rubber (NR)	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	20	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	30	74	Polyoxymethylene (POM/Acetal)	FU24	KA1	KA2	RM02	KG	30,100	0	30,100	30,100	0	0	10000044
2500001862	40	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	10000044
2500001861	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	30,500	0	30,500	30,500	0	0	10000044

Delivery Outbound Purchase Order	Shipping Point/Receiving Pt.	Sales Organization	Delivery Type	Loading Date	Delivery Date	Customer	DO Created By	DO Post Date	GI Doc. Num	GI Posted By	GI Post Date	POD Doc. Num	POD Posted By	POD Post Date	GR Doc. Num	GR Posted By
80001220	2500001863	FU24	SAPO	NLI3	15.03.2025	15.03.2025	1003278	DEV-100	25.04.2025	4900039913	DEV-100	25.04.2025				

Item	Item Category	Time	Created On	Material	Plant	Storage Location	Delivery Quantity	Base Unit of Measure	Actual delivery qty	Item Description	Material Type	Distribution Channel	Division
10	NLI3	18:32:11	25.04.2025	66	KA1	RM01	50	EA	50	Polyether Ether Ketone (PEEK) ROH	ROH	S1	S1

Click **Post POD** then click

Yes

The screenshot shows the same SAP 'Report Main Screen' as above, but with a confirmation dialog box open in the center. The dialog box has the title 'Create Purchase Order' and the message 'Do you want to proceed?'. It has three buttons: 'Yes', 'No', and 'Cancel'.

POD is confirmation. System updates POD status (movement type 68F or equivalent).

POD Confirmed Successfully for Delivery: 80001220

Report Main Screen

Purchase Order Items - Totals: 451 records.

Purchasing Document	Item	Material	Short Text	Company Code	Iss. Plant	Receiv. Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001864	10	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	100000044
2500001864	20	67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	100000044
2500001864	30	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1.314	0	1.314	1.314	0	0	100000044
2500001863	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	100000044
2500001863	20	66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	50	0	0	50	0	100000044
2500001862	10	68	Natural Rubber (NR)	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	100000044
2500001862	20	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	100000044
2500001862	30	74	Polyoxymethylene (POM/Acetal)	FU24	KA1	KA2	RM02	KG	30,100	0	30,100	30,100	0	0	100000044
2500001862	40	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	100000044
2500001861	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	30,500	0	30,500	30,500	0	0	100000044

Delivery Outbound Header - Totals: 1 records.

Delivery Outbound Purchase Order	Shipping Point/Receiving Pt.	Sales Organization	Delivery Type	Loading Date	Delivery Date	Customer	DO Created By	DO Post Date	GI Doc. Num	GI Posted By	GI Post Date	POD Doc. Num	POD Posted By	POD Post Date	GR Doc. Num	GR Posted By
80001220	2500001863	FU24	SAPO	NLJ3	15.03.2025	15.03.2025	1003278	DEV-100	25.04.2025	4900039913	DEV-100	25.04.2025	4900039914	DEV-100	26.04.2025	

Delivery Outbound Items - Totals: 1 records.

Item	Item Category	Time	Created On	Material Plant	Storage Location	Delivery Quantity	Base Unit of Measure	Actual delivery qty	Item Description	Material Type	Distribution Channel	Division
10	NLJ3	18:32:11	25.04.2025	66	KA1 RM01	50	EA	50	Polyether Ether Ketone (PEEK) ROH	S1	S1	

POD Confirmed Successfully for Delivery: 80001220

Step 5: GR – Post Goods Receipt

Task: Receive goods into stock at the receiving plant.
Position:

Select DO lines where POD has been confirmed.

System Help

Report Main Screen

Purchase Order Items - Totals: 451 records.

Purchasing Document	Item	Material	Short Text	Company Code	Iss. Plant	Receiv Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001864	10	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	20	67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	30	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1.314	0	1.314	1.314	0	0	10000044
2500001863	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	10000044
2500001863	20	66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	50	0	0	50	0	10000044
2500001862	10	68	Natural Rubber (NR)	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	20	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	30	74	Polyoxymethylene (POM/Acetal)	FU24	KA1	KA2	RM02	KG	30,100	0	30,100	30,100	0	0	10000044
2500001862	40	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	10000044
2500001861	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	30,500	0	30,500	30,500	0	0	10000044

Delivery Outbound Header - Totals: 1 records.

Delivery Outbound Purchase Order	Shipping Point/Receiving Pt.	Sales Organization	Delivery Type	Loading Date	Delivery Date	Customer	DO Created By	DO Post Date	GI Doc. Num	GI Posted By	GI Post Date	POD Doc. Num	POD Posted By	POD Post Date	GR Doc. Num	GR Posted By
800001220	2500001863	FU24	SAPO	NL13	15.03.2025	15.03.2025	1003278	DEV-100	25.04.2025	4900039913	DEV-100	25.04.2025	4900039914	DEV-100	26.04.2025	

Delivery Outbound Items - Totals: 1 records.

Item	Item Category	Time	Created On	Material Plant	Storage Location	Delivery Quantity	Base Unit of Measure	Actual delivery qty	Item Description	Material Type	Distribution Channel	Division
10	NL13	18:32:11	25.04.2025	66	KA1 RM01	50	EA	50	Polyether Ether Ketone (PEEK)	ROH	S1	S1

Total of 1 Delivery Outbound Items is found.

Click **Post GI** then **Yes** to Post Goods Receipt.

System Help

Report Main Screen

Purchase Order Items - Totals: 451 records.

Purchasing Document	Item	Material	Short Text	Company Code	Iss. Plant	Receiv Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001864	10	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	20	67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	30	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1.314	0	1.314	1.314	0	0	10000044
2500001863	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	10000044
2500001863	20	66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	50	0	0	50	0	10000044
2500001862	10	68	Natural Rubber (NR)	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	20	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001862	30	74	Polyoxymethylene (POM/Acetal)	FU24	KA1	KA2	RM02	KG	30,100	0	30,100	30,100	0	0	10000044
2500001862	40	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	10000044
2500001861	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	30,500	0	30,500	30,500	0	0	10000044

Delivery Outbound Header - Totals: 1 records.

Delivery Outbound Purchase Order	Shipping Point/Receiving Pt.	Sales Organization	Delivery Type	Loading Date	Delivery Date	Customer	DO Created By	DO Post Date	GI Doc. Num	GI Posted By	GI Post Date	POD Doc. Num	POD Posted By	POD Post Date	GR Doc. Num	GR Posted By
800001220	2500001863	FU24	SAPO	NL13	15.03.2025	15.03.2025	1003278	DEV-100	25.04.2025	4900039913	DEV-100	25.04.2025	4900039914	DEV-100	26.04.2025	

Delivery Outbound Items - Totals: 1 records.

Item	Item Category	Time	Created On	Material Plant	Storage Location	Delivery Quantity	Base Unit of Measure	Actual delivery qty	Item Description	Material Type	Distribution Channel	Division
10	NL13	18:32:11	25.04.2025	66	KA1 RM01	50	EA	50	Polyether Ether Ketone (PEEK)	ROH	S1	S1

Create Goods Receipt

Do you want to proceed?

Yes No Cancel

The system will post movement type 109.
Stock is now available for use.

System Help

Report Main Screen

Post Outbound Cancel PO

Purchase Order Items - Totals: 489 records.

Purchasing Document	Item	Material	Short Text	Company Code	Iss. Plant	Receiv Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001867	40	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	10000044
2500001866	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	30,500	0	30,500	30,500	0	0	10000044
2500001865	10	71	Fluorelastomers (FKM)	FU24	KA1	KA2	RM02	EA	7	7	0	0	7	0	10000044
2500001865	20	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	7	0	7	7	0	0	10000044
2500001864	10	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	20	67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	30	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1,314	0	1,314	1,314	0	0	10000044
2500001863	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	10000044
2500001863	20	66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	50	0	0	0	50	10000044
2500001862	10	68	Neural Rubber (NR)	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044

Post GI Post POD Post GR Cancel Outbound Cancel GI Cancel POD Cancel GR Post Invoice

Delivery Outbound Header - Totals: 1 records.

Delivery Outbound	Purchase Order	Shipping Point/Receiving Pt	Sales Organization	Delivery Type	Loading Date	Delivery Date	Customer	DO Created By	DO Post Date	GI Doc. Num	GI Posted By	GI Post Date	POD Doc. Num	POD Posted By	POD Post Date	GR Doc. Num	GR Posted By
800001220	2500001863	FU24	SAPO	NL3	15.03.2025	15.03.2025	1003278	DEV-100	25.04.2025	4900039913	DEV-100	25.04.2025	4900039914	DEV-100	26.04.2025	5000000688	DEV-100

Delivery Outbound Items - Totals: 0 records.

Item Category Time Created On Material Plant Storage Location Delivery Quantity Base Unit of Measure Actual delivery qty Item Description Material Type Distribution Channel Division

Goods Receipt posted successfully! Document Number: 5000000688

Step 6: Invoice – Post Invoice (if applicable)

Task: Post financial invoice related to the STO.

Position:

Select lines DO

Fill **Freight Cost** and Click **Post Invoice** then click **Yes**

System Help

Report Main Screen

Post Outbound Cancel PO

Purchase Order Items - Totals: 489 records.

Purchasing Document	Item	Material	Short Text	Company Code	Iss. Plant	Receiv Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001867	40	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	10000044
2500001866	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	30,500	0	30,500	30,500	0	0	10000044
2500001865	10	71	Fluorelastomers (FKM)	FU24	KA1	KA2	RM02	EA	7	7	0	0	7	0	10000044
2500001865	20	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	7	0	7	7	0	0	10000044
2500001864	10	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	20	67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	30	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1,314	0	1,314	1,314	0	0	10000044
2500001863	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	10000044
2500001863	20	66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	50	0	0	0	50	10000044
2500001862	10	68	Neural Rubber (NR)	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044

Post GI Post POD Post GR Cancel Outbound Cancel GI Cancel POD Cancel GR Post Invoice

Delivery Outbound Header - Totals: 1 records.

Delivery Date	Customer	DO Created By	DO Post Date	GI Doc. Num	GI Posted By	GI Post Date	POD Doc. Num	POD Posted By	POD Post Date	GR Doc. Num	GR Posted By	Invoice Document No.	User Name	Posting Date	Invoice Party	Freight Cost	Currency
15.03.2025	1003278	DEV-100	25.04.2025	4900039913	DEV-100	25.04.2025	4900039914	DEV-100	26.04.2025	5000000688	DEV-100	25.04.2025				0,50	

Post new Invoice

Do you want to proceed?


Yes No Cancel

Delivery Outbound Items - Totals: 0 records.

Item Category Time Created On Material Plant Storage Location Delivery Quantity Base Unit of Measure Actual delivery qty Item Description Material Type Distribution Channel Division

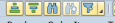
System will create invoice document.

The invoice number will appear in the ALV grid.

 **Post Invoice for Delivery Outbound 80001220 successfully, Mat. Doc. Number 5105600638**

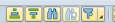
System Help

Report Main Screen

 **Post Outbound** **Cancel PO**


Purchase Order Items - Totals: 489 records.

Purchasing Document	Item	Material	Short Text	Company Code	Iss. Plant	Receiv Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001867	40	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	10000044
2500001866	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	30,500	0	30,500	30,500	0	0	10000044
2500001865	10	71	Fluoroelastomers (FKM)	FU24	KA1	KA2	RM02	EA	7	7	0	0	7	0	10000044
2500001865	20	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	7	0	7	7	0	0	10000044
2500001864	10	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	20	67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001864	30	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1.314	0	1.314	1.314	0	0	10000044
2500001863	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	10000044
2500001863	20	66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	50	0	0	0	0	10000044
2500001862	10	68	Natural Rubber (NR)	FU24	KA1	KA2	RM02	FA	500	0	500	500	0	0	10000044

 **Post GI** **Post POD** **Post GR** **Cancel Outbound** **Cancel GI** **Cancel POD** **Cancel GR** **Post Invoice**


Delivery Outbound Header - Totals: 1 records.


Delivery Outbound	Purchase Order	Shipping Point/Receiving Pt.	Sales Organization	Delivery Type	Loading Date	Delivery Date	Customer	DO Created By	DO Post Date	GI Doc. Num	GI Posted By	GI Post Date	POD Doc. Num	POD Posted By	POD Post Date	GR Doc. Num	GR Posted By
80001220	2500001863	FU24	SAPO	NL13	15.03.2025	15.03.2025	1003278	DEV-100	25.04.2025	4900039913	DEV-100	25.04.2025	4900039914	DEV-100	26.04.2025	5000000688	DEV-100

 **Post Outbound** **Cancel PO**

Delivery Outbound Items - Totals: 1 records.

Item	Item Category	Time	Created On	Material	Plant	Storage Location	Delivery Quantity	Base Unit of Measure	Actual delivery qty	Item Description	Material Type	Distribution Channel	Division
10	NL13	18:32:11	25.04.2025	66	KA1	RM01	50	EA	50	Polyether Ether Ketone (PEEK) ROH	S1	S1	

 **Post Invoice for Delivery Outbound 80001220 successfully, Mat. Doc. Number 5105600638**



Cancellation Process – Stock Transfers with Valuated Stock in Transit

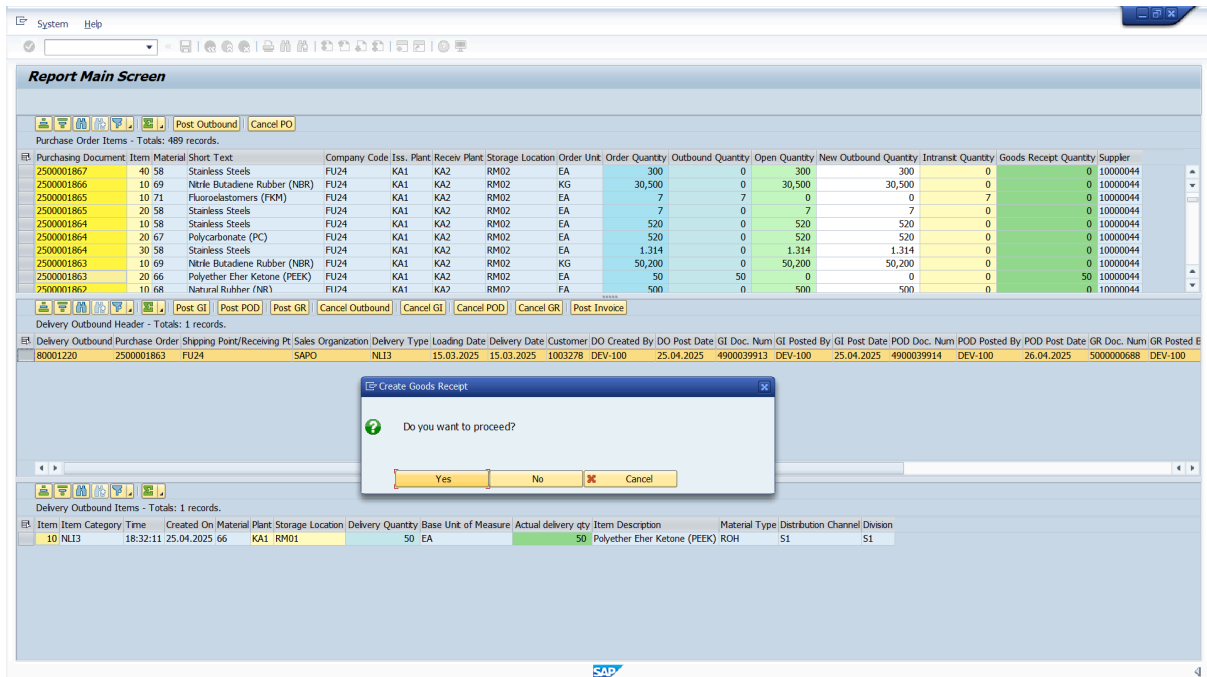
Step 1: Cancel Goods Receipt (Movement Type 110)

Task: Cancel Goods Receipt

Position:

In the ALV, select the line where GR has been posted.

Click  then click  to cancel.



System posts reversal using movement type 110.

Status will update and GR document will be cleared.

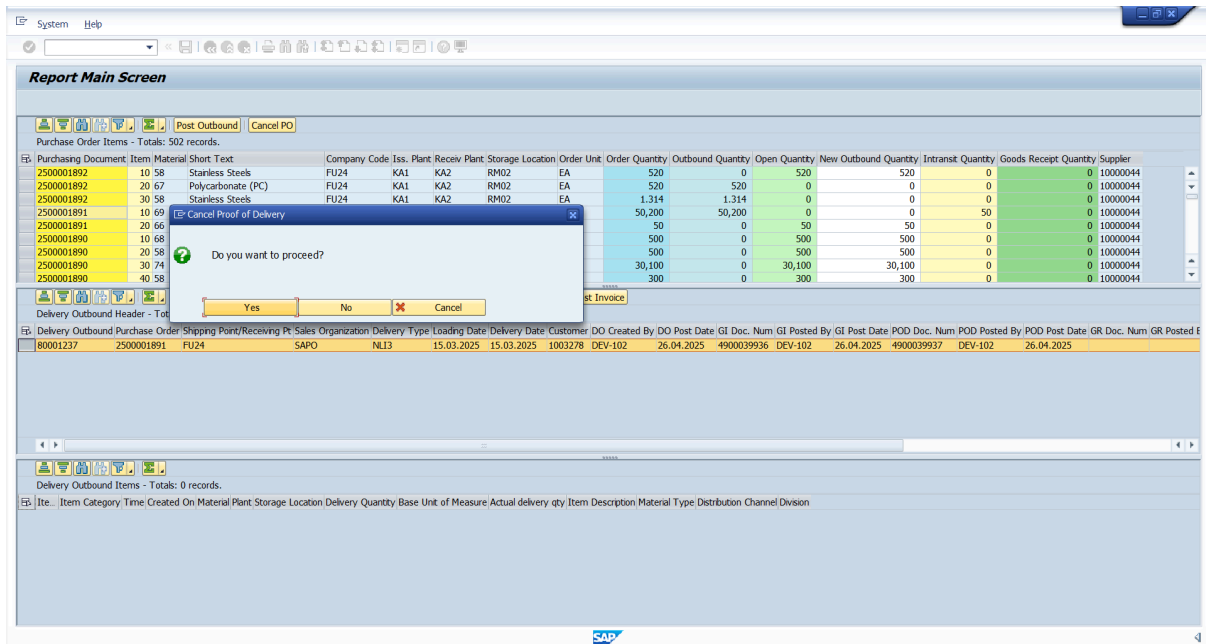
Step 2: Cancel Proof of Delivery (Movement Type 68F)

Task: Cancel Proof of Delivery

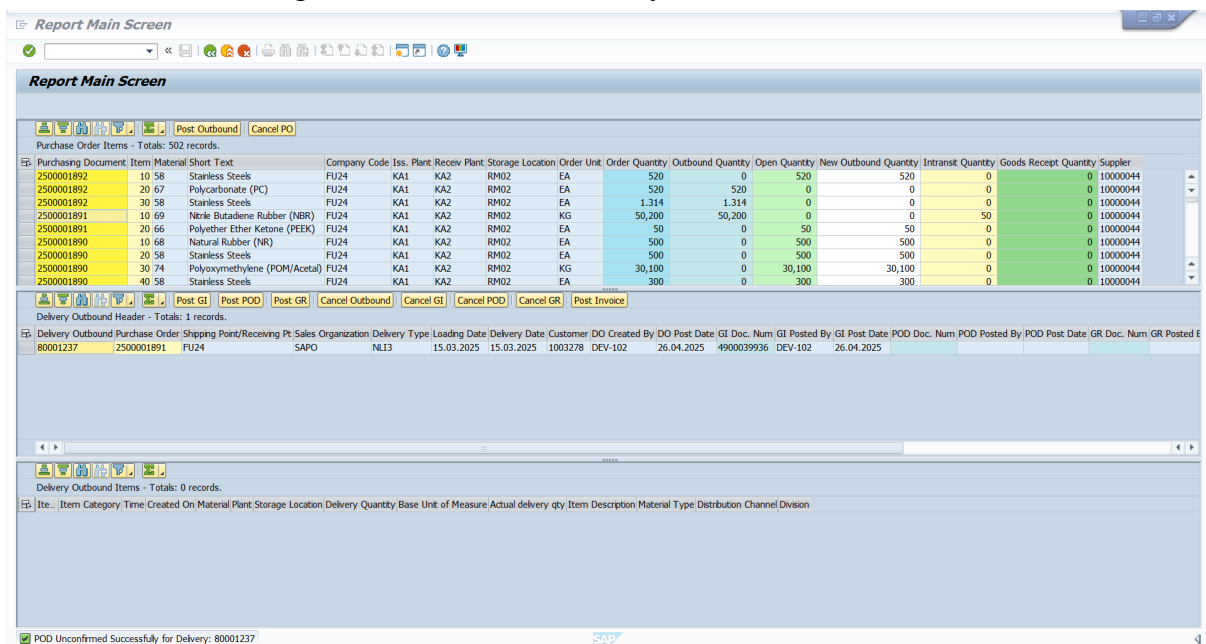
Position:

In the ALV, select the line where POD has been posted or canceled GR.

Click **Cancel POD** then click **Yes** to cancel.



The notification message was canceled successfully.



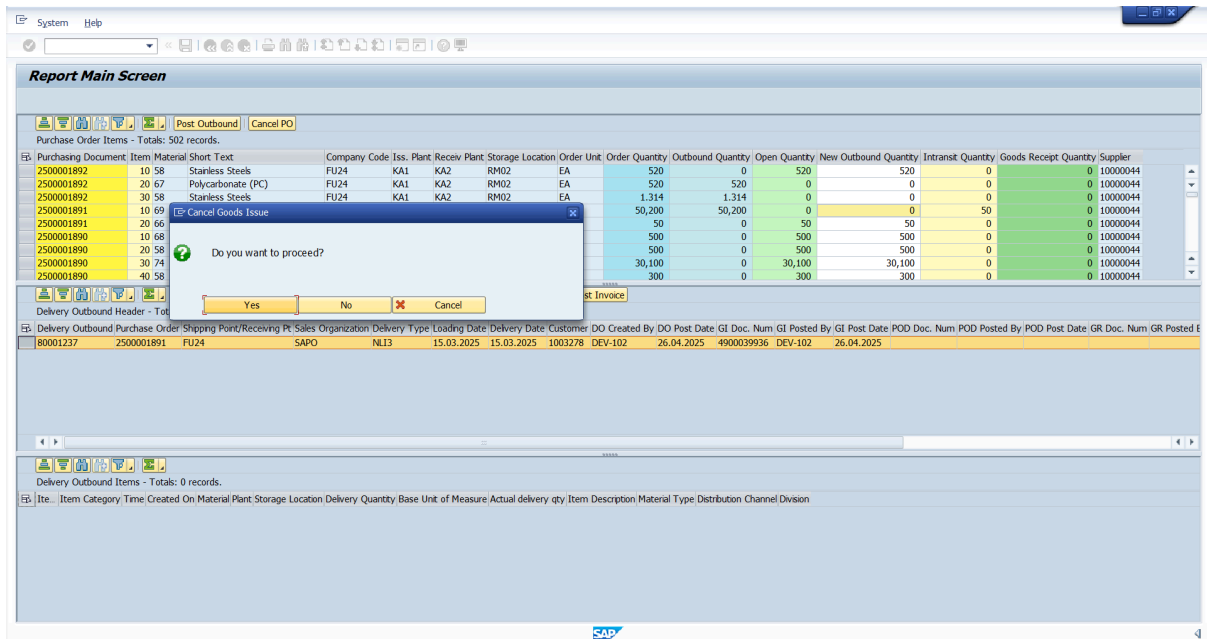
Step 3: Cancel Goods Issue (Movement Type 68B)

Task: Cancel Goods Issue

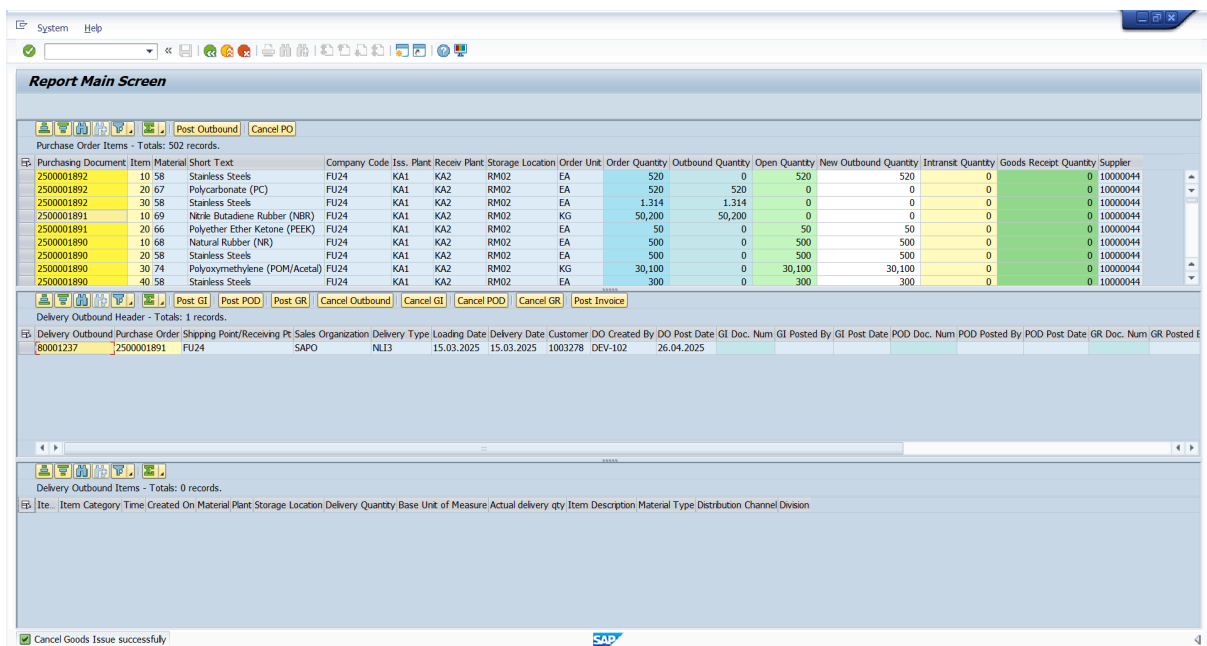
Position: Sales Employee

In the ALV, select the line where GI has been posted or canceled POD.

Click **Cancel GI** then click **Yes** to cancel.



The notification message was canceled successfully.



Step 4: Cancel Outbound Delivery

Task: Cancel Outbound Delivery

Position:

Select lines DO

Report Main Screen

Post Outbound Cancel PO

Purchase Order Items - Totals: 502 records.

Purchasing Document	Item	Material	Short Text	Company Code	Iss. Plant	Receiv Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001892	10	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	520	0	0	0	0	10000044
2500001892	20	67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001892	30	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1.314	0	1.314	1.314	0	0	10000044
2500001891	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	10000044
2500001891	20	66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	0	50	50	0	0	10000044
2500001890	10	68	Natural Rubber (NR)	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001890	20	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001890	30	74	Polyoxymethylene (POM/Acetal)	FU24	KA1	KA2	RM02	KG	30,100	0	30,100	30,100	0	0	10000044
2500001890	40	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	10000044

Post GI Post POD Post GR Cancel Outbound Cancel GI Cancel POD Cancel GR Post Invoice

Delivery Outbound Header - Totals: 1 records.

Delivery Outbound Purchase Order	Shipping Point/Receiving Pt	Sales Organization	Delivery Type	Loading Date	Delivery Date	Customer DO	Created By	DO Post Date	GI Doc. Num	GI Posted By	GI Post Date	POD Doc. Num	POD Posted By	POD Post Date	GR Doc. Num	GR Posted By
80001234	2500001892	FU24	SAPO	NL13	15.03.2025	15.03.2025	1003278	DEV-102	26.04.2025							

Delivery Outbound Items - Totals: 0 records.

Item Category Time Created On Material Plant Storage Location Delivery Quantity Base Unit of Measure Actual delivery qty Item Description Material Type Distribution Channel Division

Total of 1 Delivery Outbound is found.

Click

Cancel Outbound

then click

Yes

to cancel.

Report Main Screen

Post Outbound Cancel PO

Purchase Order Items - Totals: 502 records.

Purchasing Document	Item	Material	Short Text	Company Code	Iss. Plant	Receiv Plant	Storage Location	Order Unit	Order Quantity	Outbound Quantity	Open Quantity	New Outbound Quantity	Intransit Quantity	Goods Receipt Quantity	Supplier
2500001892	10	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001892	20	67	Polycarbonate (PC)	FU24	KA1	KA2	RM02	EA	520	0	520	520	0	0	10000044
2500001892	30	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	1.314	0	1.314	1.314	0	0	10000044
2500001891	10	69	Nitrile Butadiene Rubber (NBR)	FU24	KA1	KA2	RM02	KG	50,200	0	50,200	50,200	0	0	10000044
2500001891	20	66	Polyether Ether Ketone (PEEK)	FU24	KA1	KA2	RM02	EA	50	0	50	50	0	0	10000044
2500001890	10	68	Natural Rubber (NR)	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001890	20	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	500	0	500	500	0	0	10000044
2500001890	30	74	Polyoxymethylene (POM/Acetal)	FU24	KA1	KA2	RM02	KG	30,100	0	30,100	30,100	0	0	10000044
2500001890	40	58	Stainless Steels	FU24	KA1	KA2	RM02	EA	300	0	300	300	0	0	10000044

Post GI Post POD Post GR Cancel Outbound Cancel GI Cancel POD Cancel GR Post Invoice

Delivery Outbound Header - Totals: 1 records.

Delivery Outbound Purchase Order	Shipping Point/Receiving Pt	Sales Organization	Delivery Type	Loading Date	Delivery Date	Customer DO	Created By	DO Post Date	GI Doc. Num	GI Posted By	GI Post Date	POD Doc. Num	POD Posted By	POD Post Date	GR Doc. Num	GR Posted By
80001234	2500001892	FU24	SAPO	NL13	15.03.2025	15.03.2025	1003278	DEV-102	26.04.2025							

Delivery Outbound Items - Totals: 0 records.

Item Category Time Created On Material Plant Storage Location Delivery Quantity Base Unit of Measure Actual delivery qty Item Description Material Type Distribution Channel Division

Cancel Delivery Outbound 80001234 successfully.

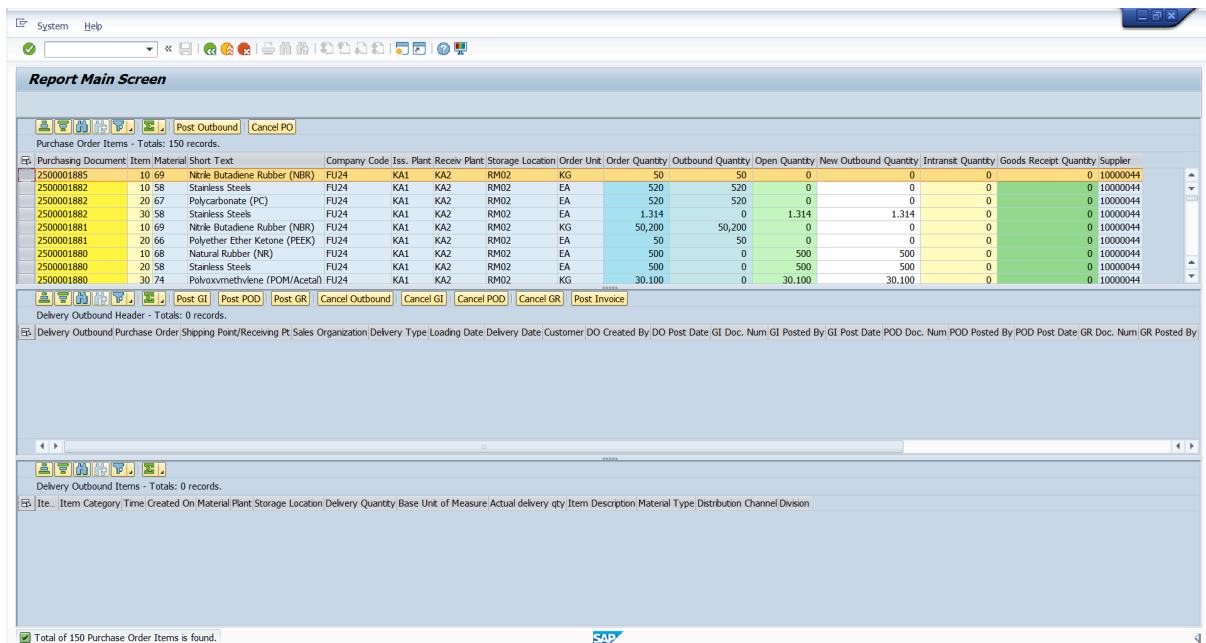
The notification message was canceled successfully.

Step 5: Delete Stock Transport Order Item

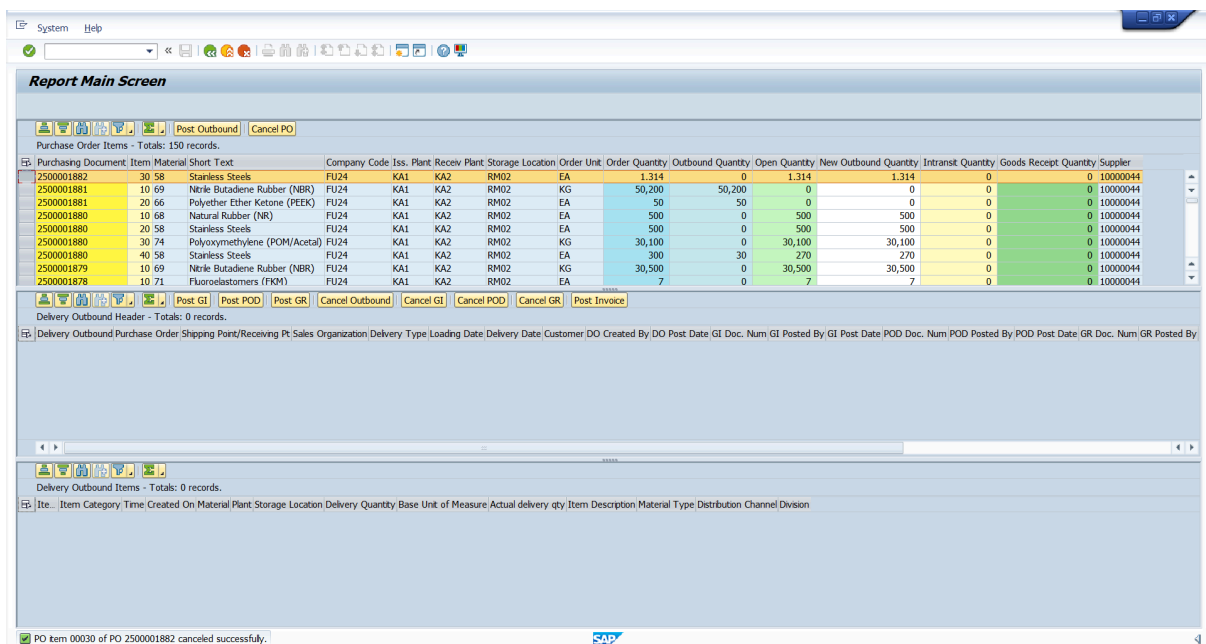
Task:

Position:

Select lines PO item



Click  then click  to cancel.

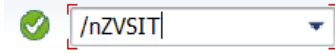


The notification message was canceled successfully.

Extra features

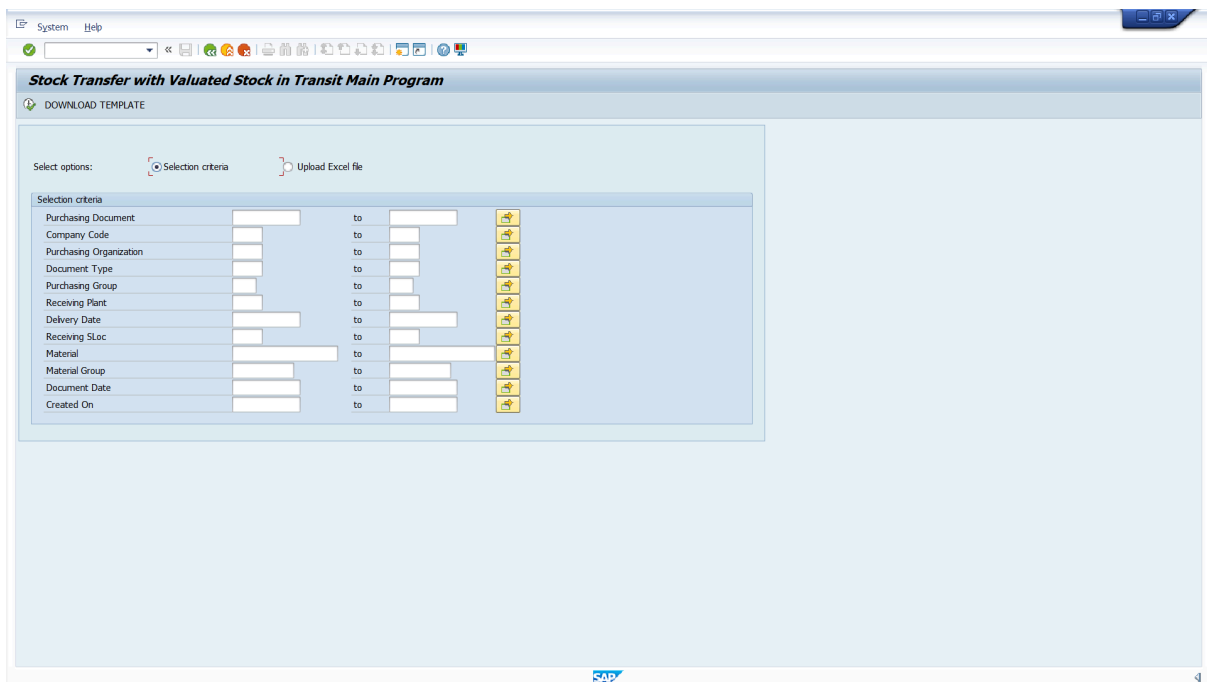
1. Download file excel create po template

Open SAP GUI.

In the command field, enter the transaction code:  then press Enter.

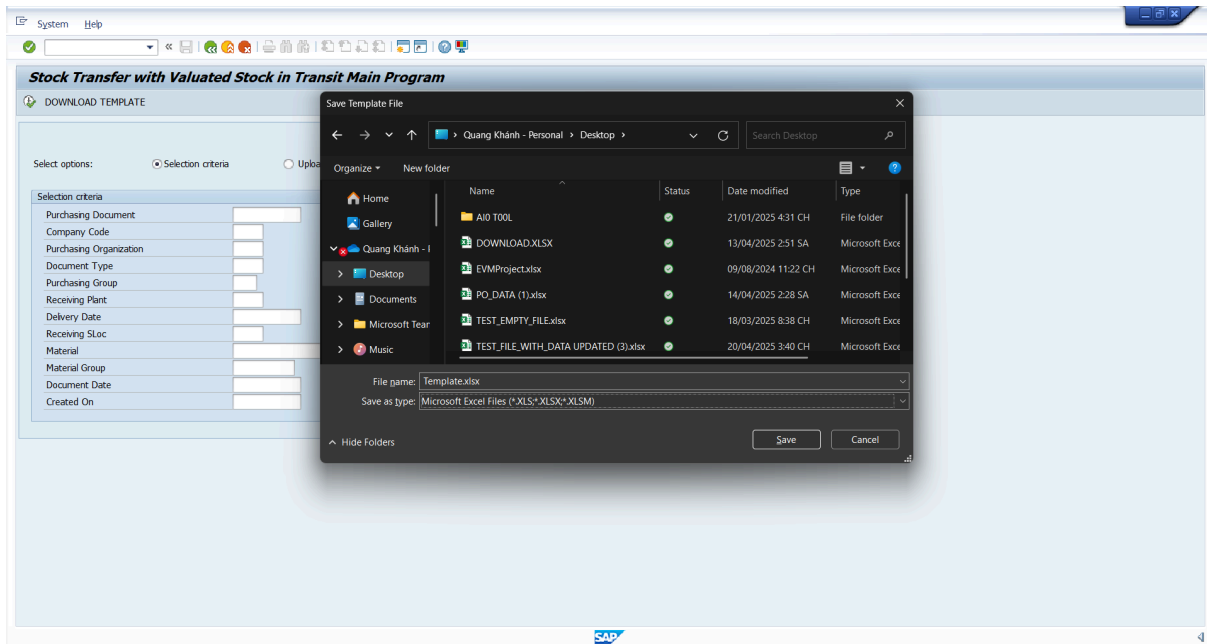


Screen display:

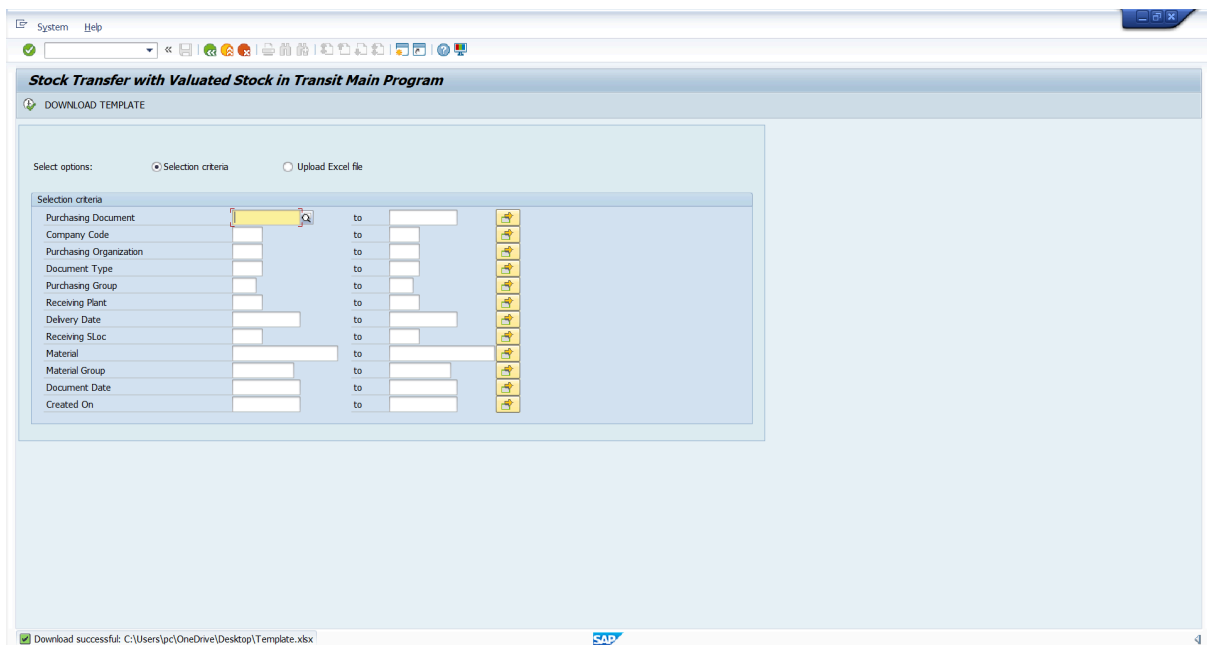


Choose DOWNLOAD TEMPLATE method by clicking on button **DOWNLOAD TEMPLATE**

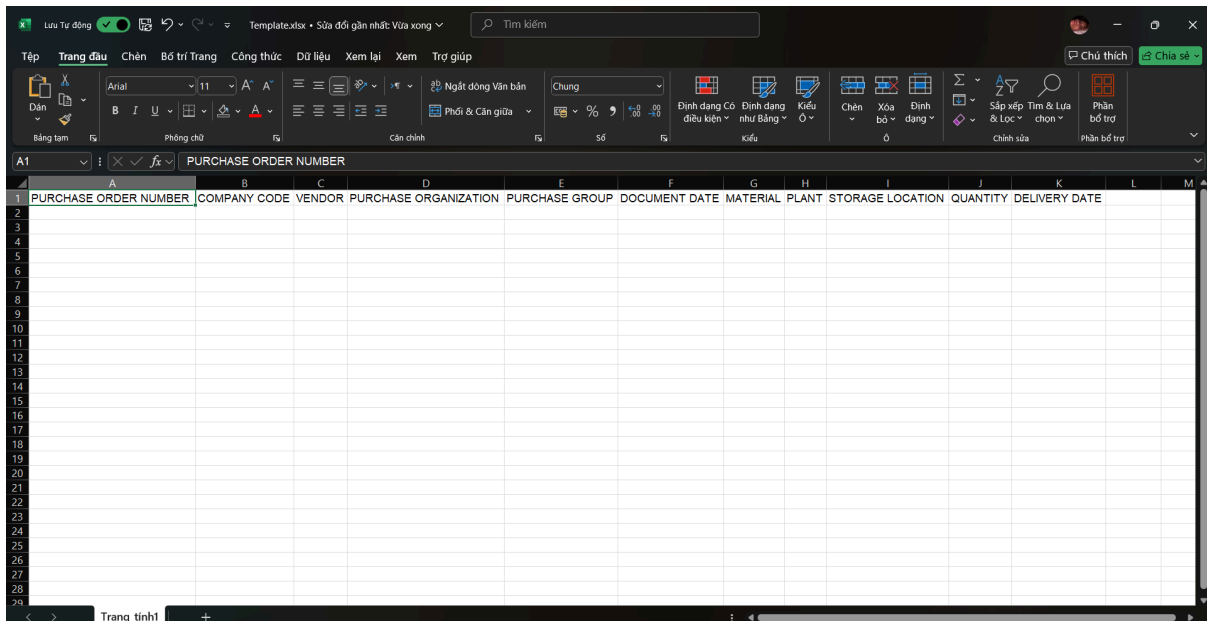
The Save File Dialog opens, the user selects the destination folder, then clicks the **Save** button.



After the file is successfully saved, a message appears: **Download successful:** with the file path where the file was saved.

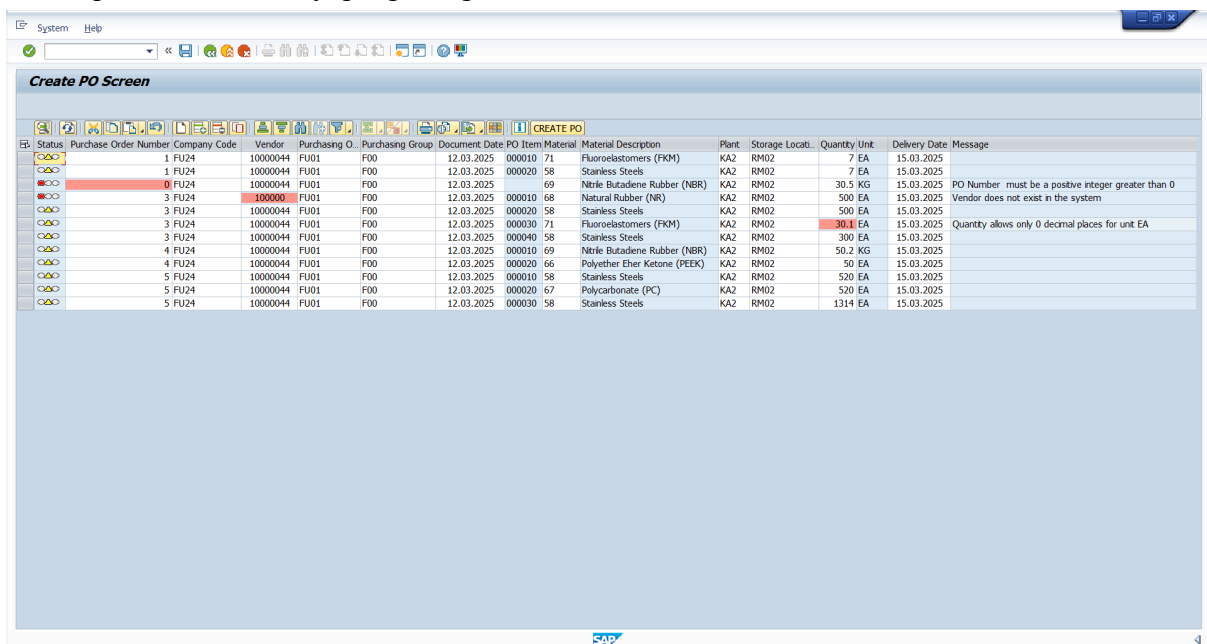


The successfully saved template file will open automatically.



2. Data validation before create PO


After upload successfully, program go to the Create PO Screen.

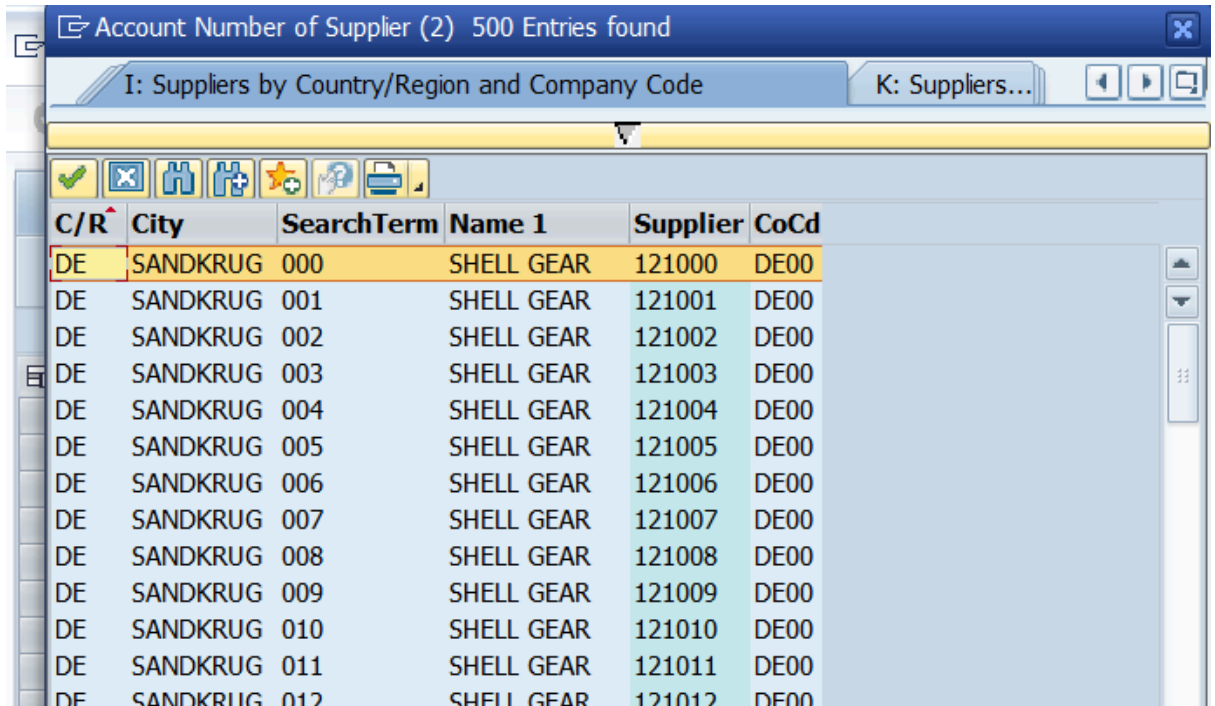


On the PO creation screen, the red-colored field indicates a validation error **100000**, the message field will display the error corresponding to the red-colored field **Vendor does not exist in the system**.

The user must resolve all validation errors before creating the PO by either:


- Using the search help to select a valid value for the error field: User click on the icon

 on the error field and selects a new value






C/R	City	SearchTerm	Name 1	Supplier	CoCd
DE	SANDKRUG	000	SHELL GEAR	121000	DE00
DE	SANDKRUG	001	SHELL GEAR	121001	DE00
DE	SANDKRUG	002	SHELL GEAR	121002	DE00
DE	SANDKRUG	003	SHELL GEAR	121003	DE00
DE	SANDKRUG	004	SHELL GEAR	121004	DE00
DE	SANDKRUG	005	SHELL GEAR	121005	DE00
DE	SANDKRUG	006	SHELL GEAR	121006	DE00
DE	SANDKRUG	007	SHELL GEAR	121007	DE00
DE	SANDKRUG	008	SHELL GEAR	121008	DE00
DE	SANDKRUG	009	SHELL GEAR	121009	DE00
DE	SANDKRUG	010	SHELL GEAR	121010	DE00
DE	SANDKRUG	011	SHELL GEAR	121011	DE00
DE	SANDKRUG	012	SHELL GEAR	121012	DE00

- Manually re-entering the correct data into the error field: The user clicks on the field with the error and enters a valid value.

After solving the validation error, the cell color is white  , status is icon yellow

3. Status update

On the PO creation screen, the Status icon indicates the current state of the data or process:

-  – Validation completed and validation errors were found; PO creation failed
-  – Validation completed and no errors were found
-  – PO created successfully

The status icon updates automatically based on the validation results and PO creation outcome.