USER MANUAL

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USER MANUAL - SAP MM

Topic: Stock Transfers with Valuated Stock in Transit Transaction Monitor

Module: Materials Management (MM)

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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

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: /nZVSIT then press Enter.

Screen display:
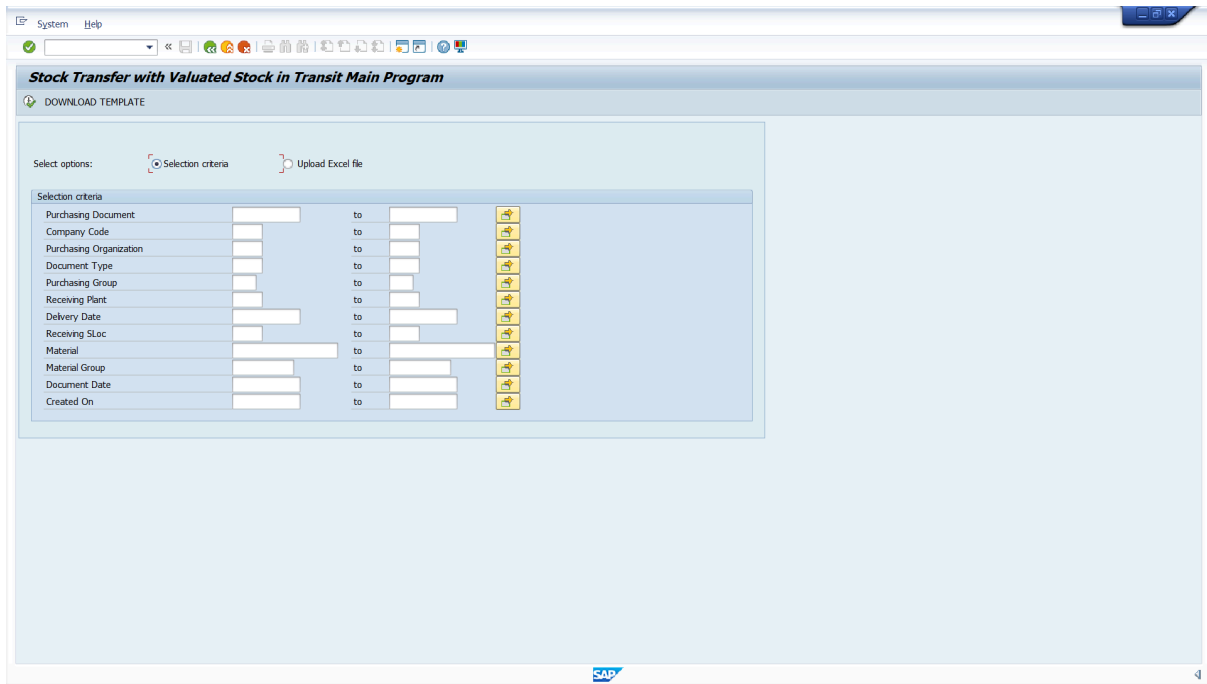
Choose input method:

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

- **Upload Excel file** (recommended for bulk)
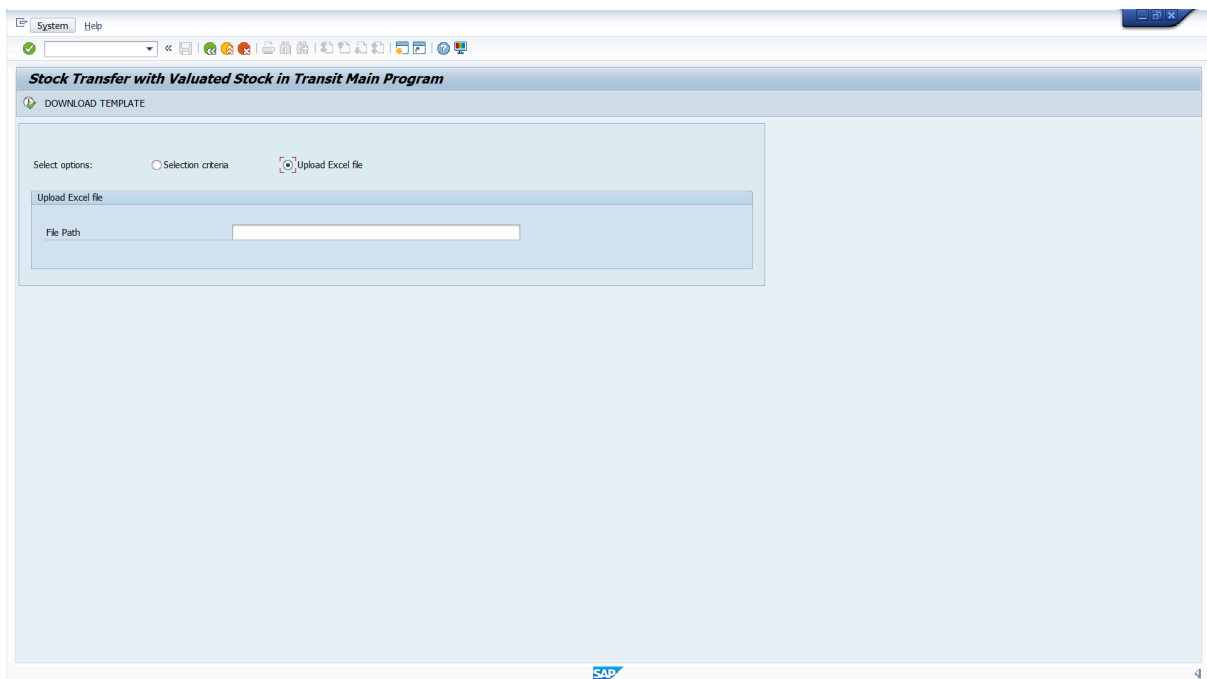
Using upload by Excel:
- Choose file upload by open file catalog or manual input file path
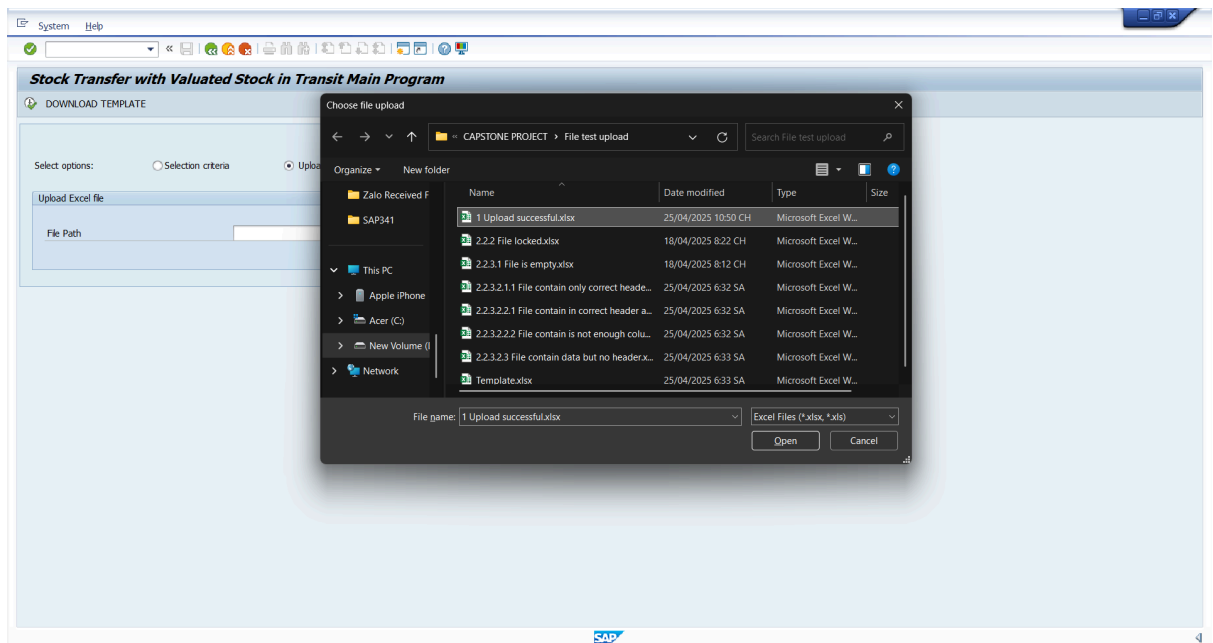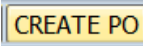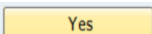
- Click to execute button or F8 to upload file.

Create PO (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
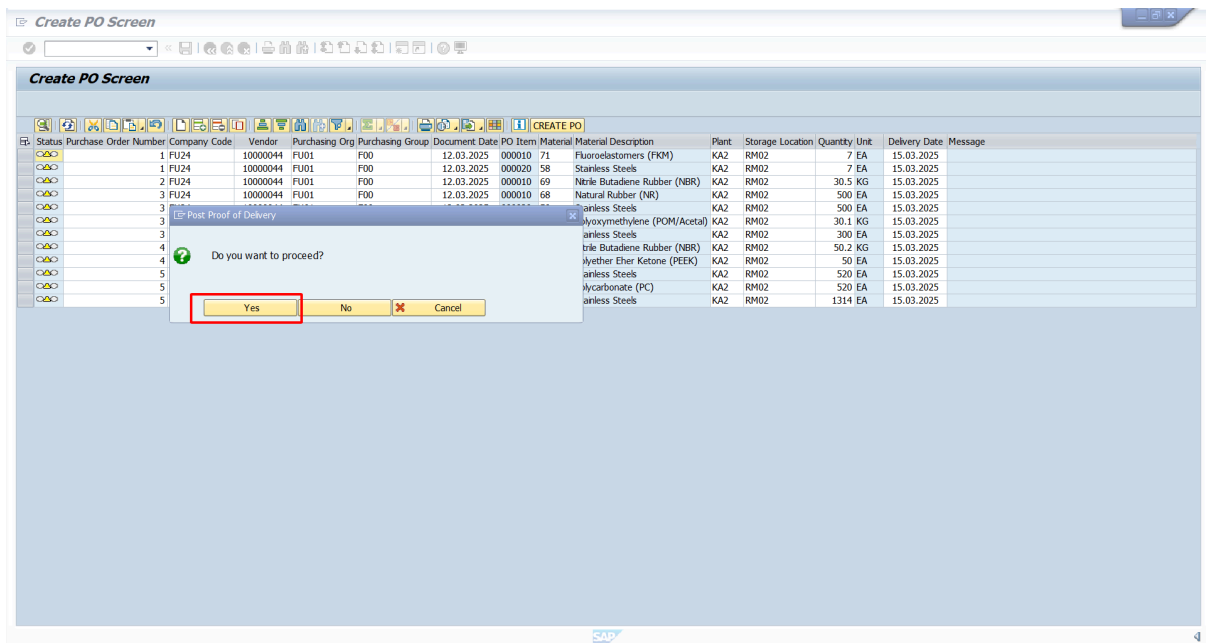
Create PO successfully:
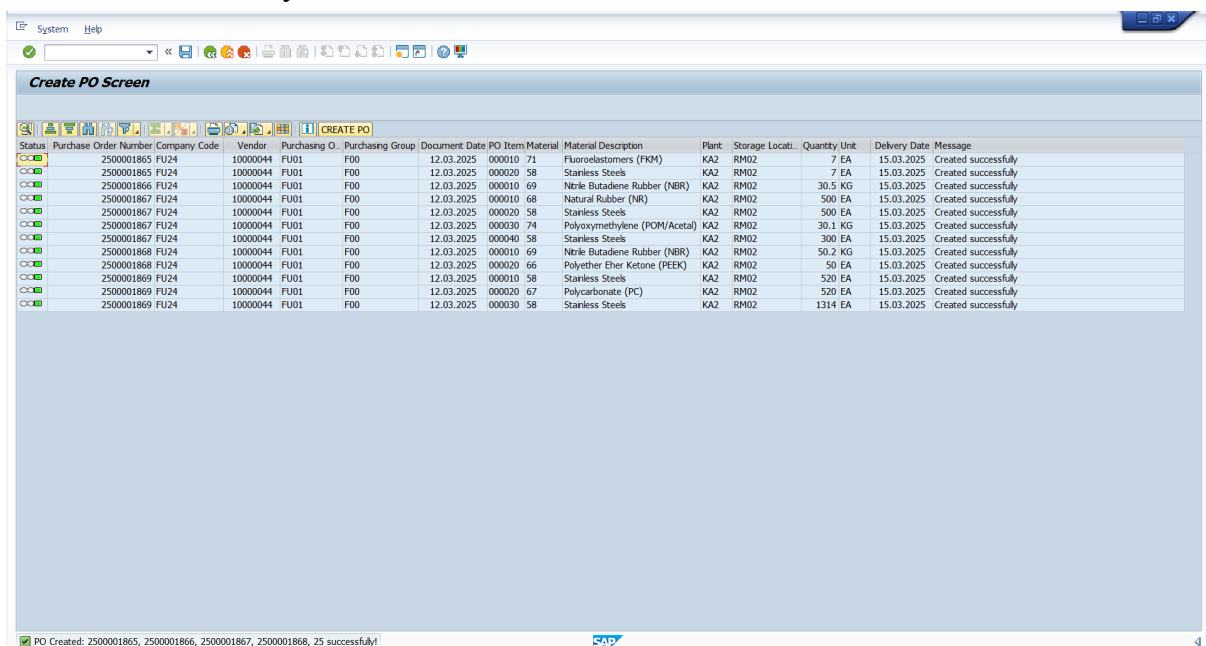
- The PO number is updated in the **PO Number** field
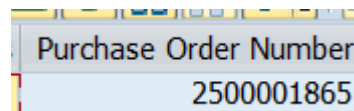
- **Status** field displays a green icon
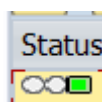
- **Message** field shows the text: *"Create successfully"*
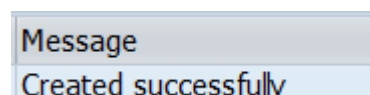
-
- The notification message displays the list of created PO numbers.

Step 2: Create Outbound Delivery

Task: DO – Post Outbound Delivery
Position:

In the ALV grid, select PO-STO lines.

Input New Outbound Quantity:
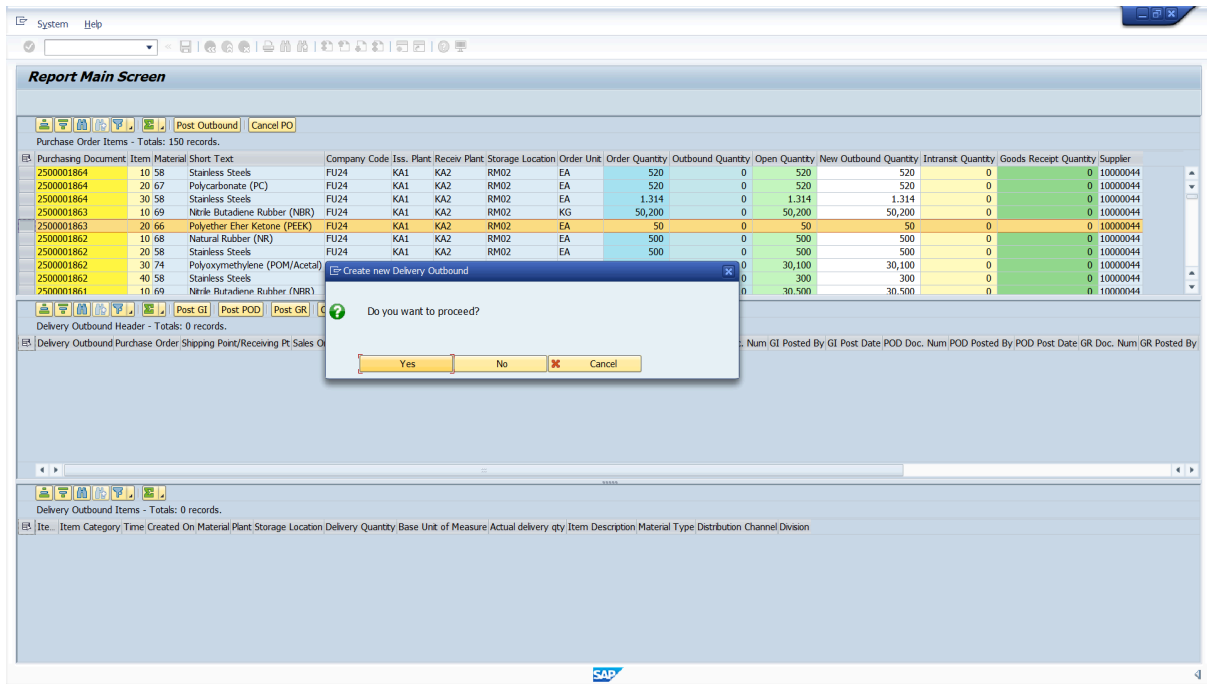
Click .

Click "Yes"

The system will create the Delivery Order.

Delivery Outbound Number(s): 0080001220 created.
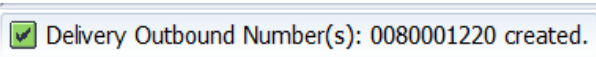
Delivery number will be shown in the ALV if successful. Stock Transfers To Outbound Quantity Column.
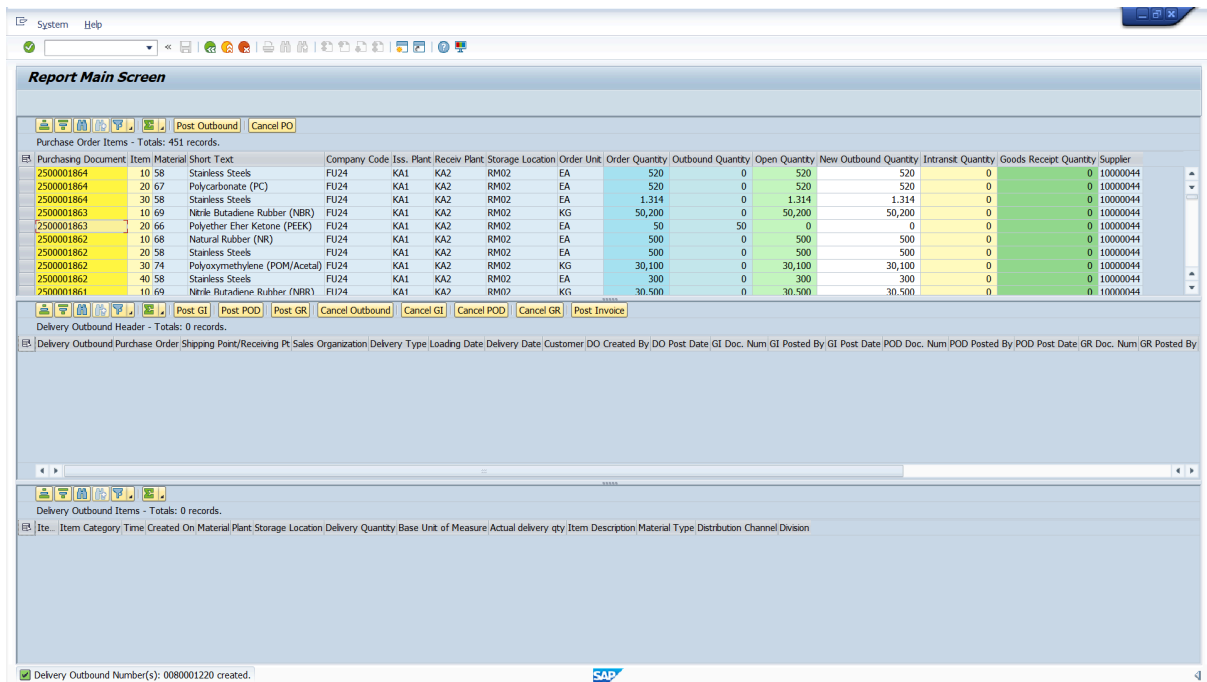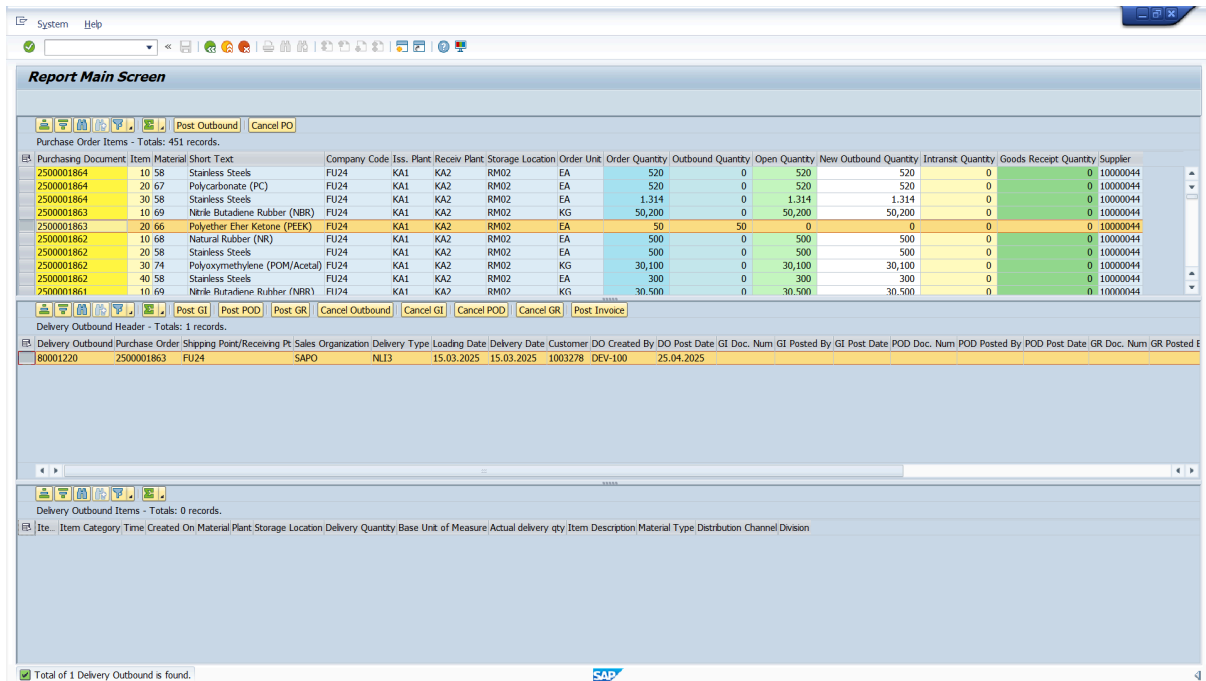
Step 3: GI – Post Goods Issue

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.

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

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

Step 4: POD – Confirm Proof of Delivery

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

Select Delivery Outbound GI-posted lines.

Click **Post POD** then click **Yes**.

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

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.

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

The system will post movement type 109.

Stock is now available for use.

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]

Post new Invoice

Do you want to proceed?

Yes   No   Cancel
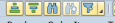
System will create invoice document.

The invoice number will appear in the ALV grid.

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 [Cancel GR] then click [Yes] to cancel.
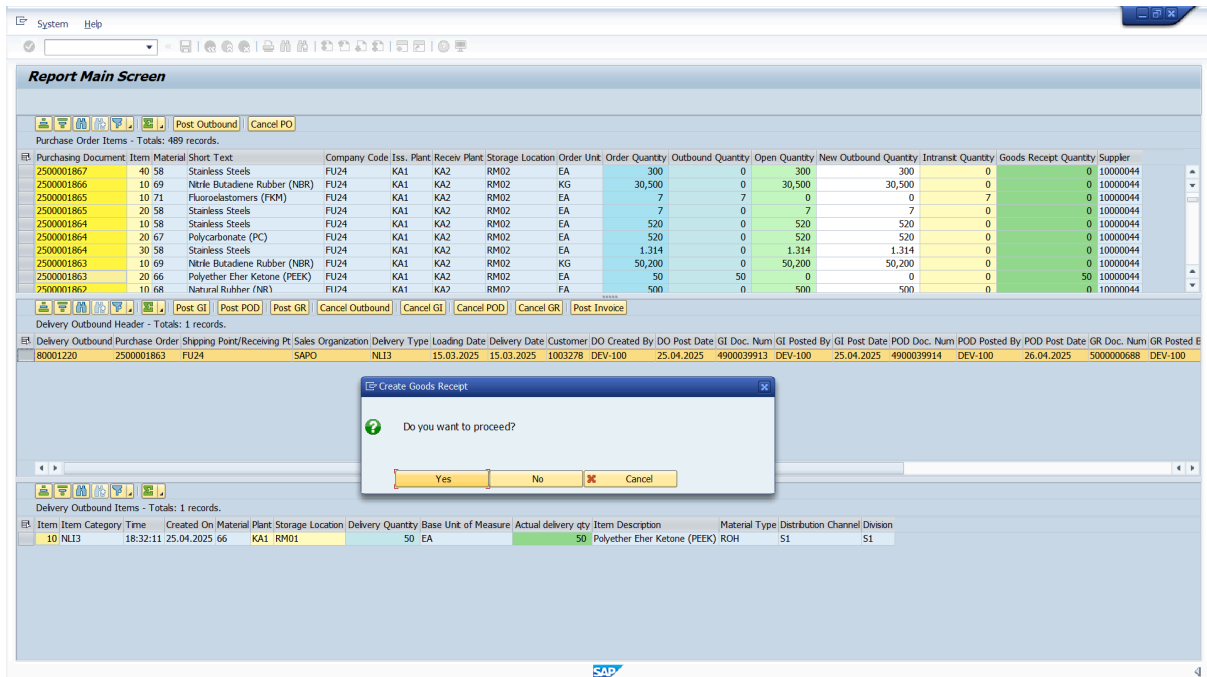
System posts reversal using movement type 110.

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.
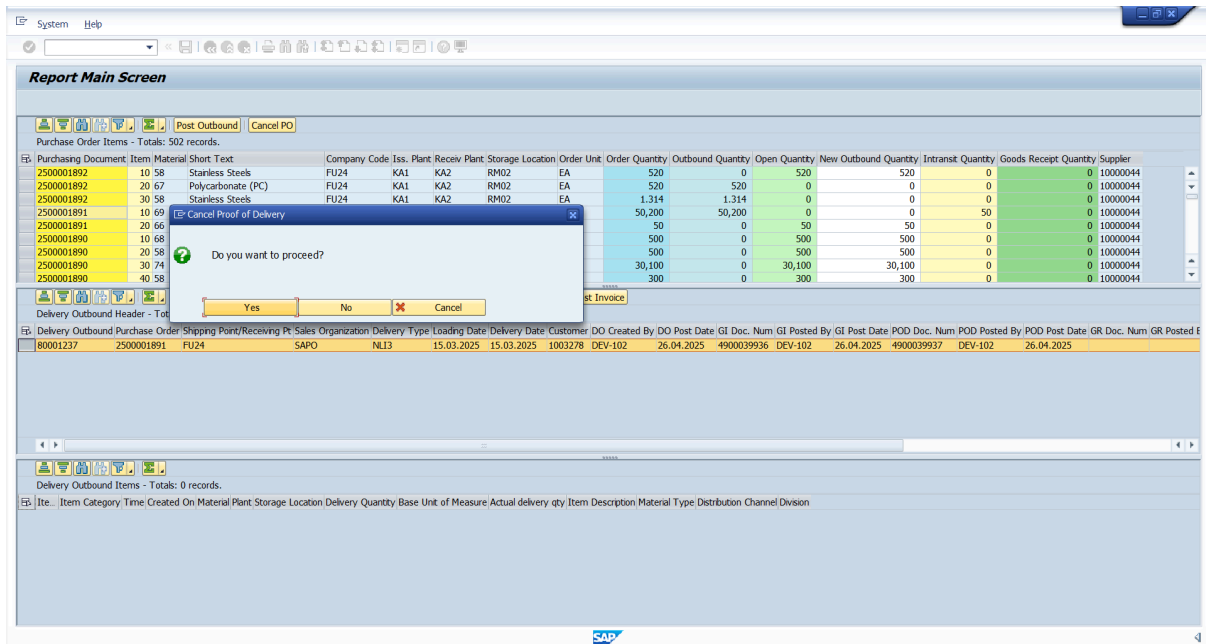
The notification message was canceled successfully.

Step 3: Cancel Goods Issue (Movement Type 68B)
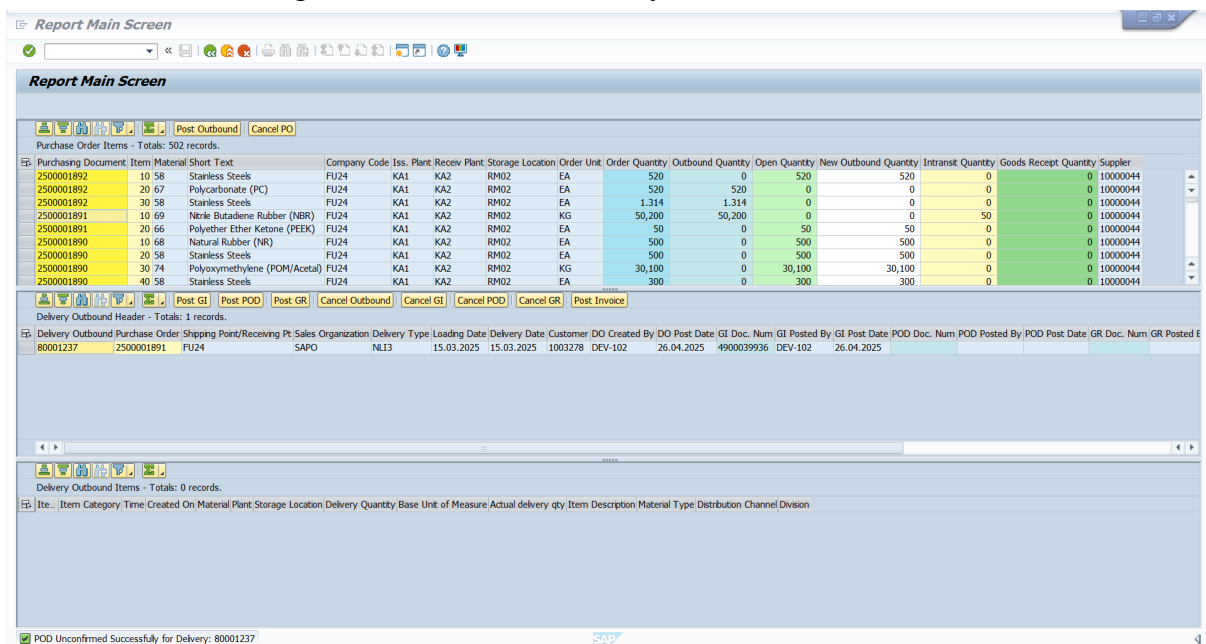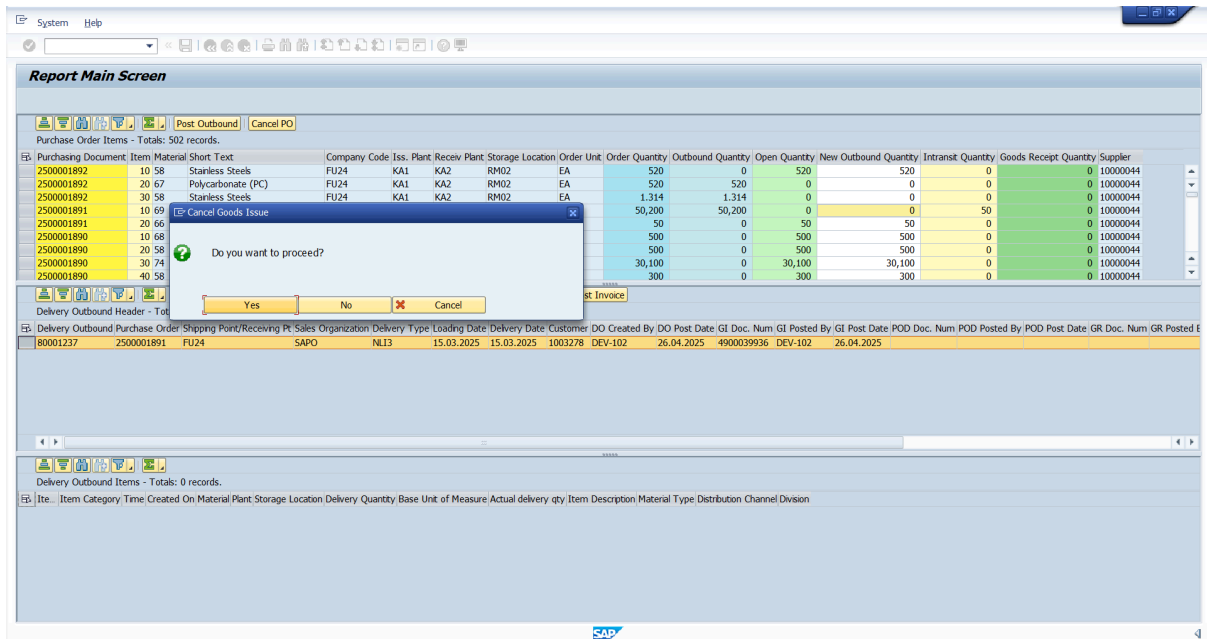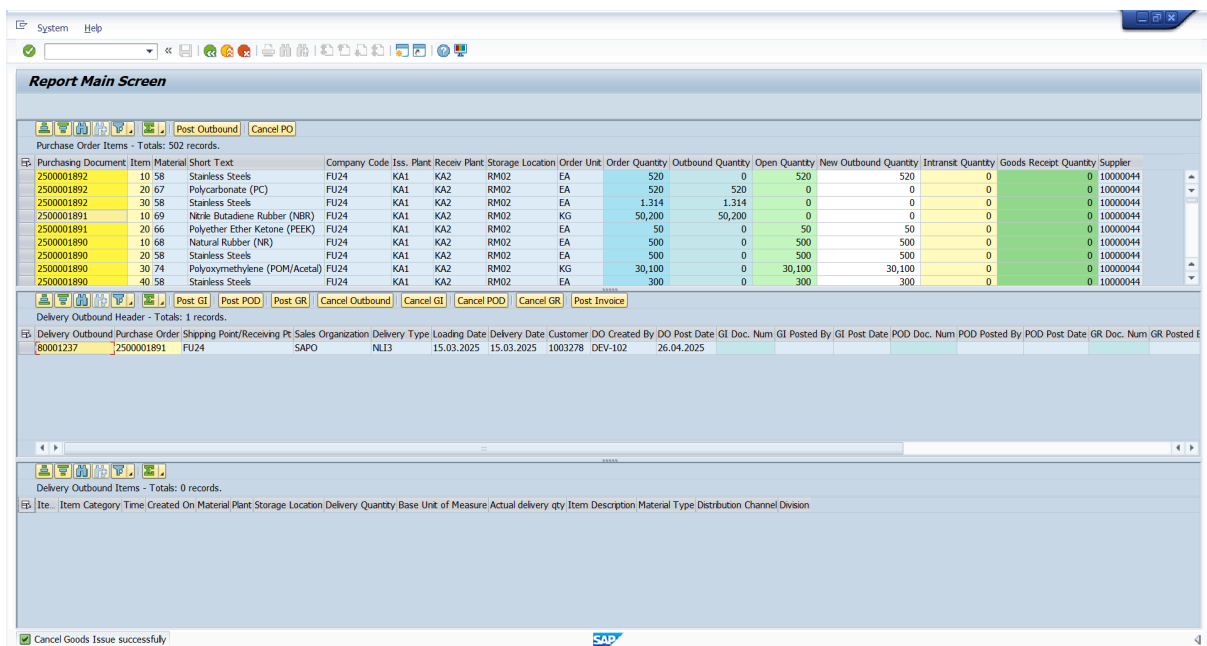
Task: Cancel Goods Issue
Position: Sales Employee

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

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

The notification message was canceled successfully.

Step 5: Delete Stock Transport Order Item

Task:
Position:

Select lines PO item

Click **Cancel PO** then click **Yes** to cancel.
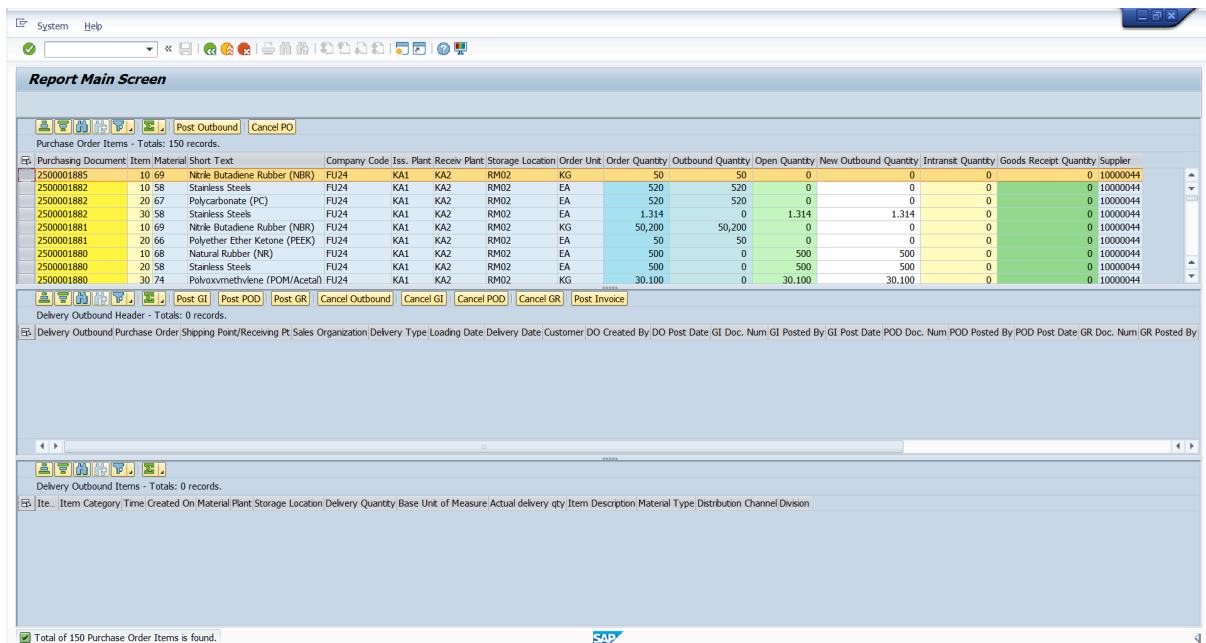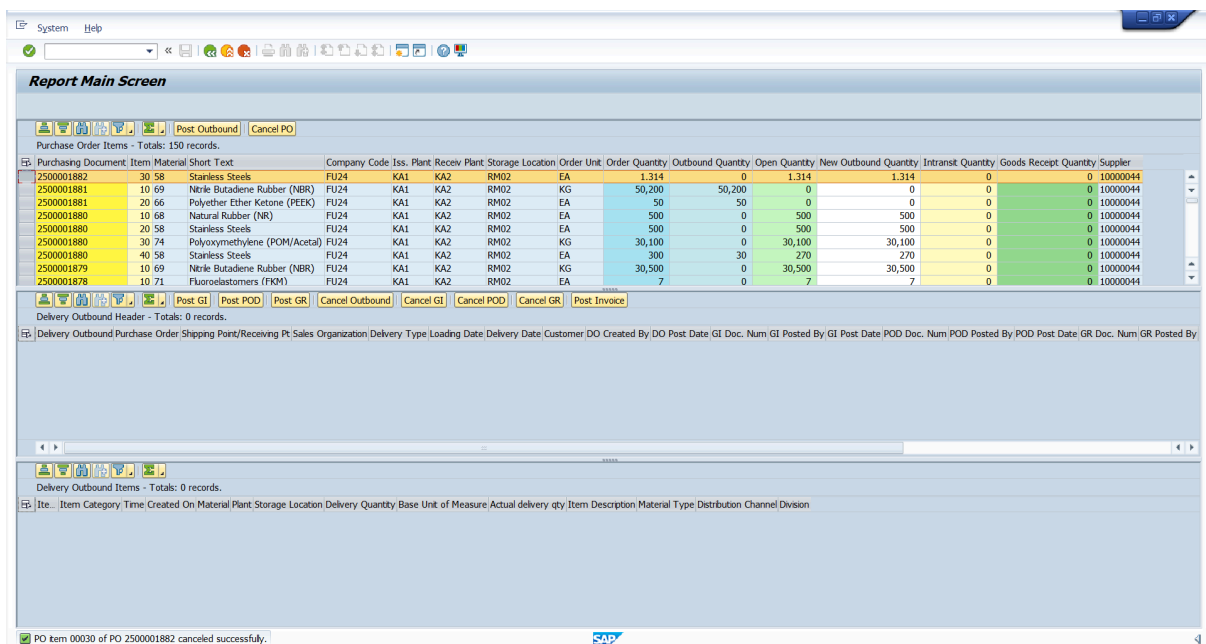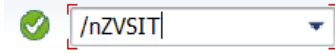
The notification message was canceled successfully.

Extra features

1. Download file excel create po template

Open SAP GUI.

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

Screen display:
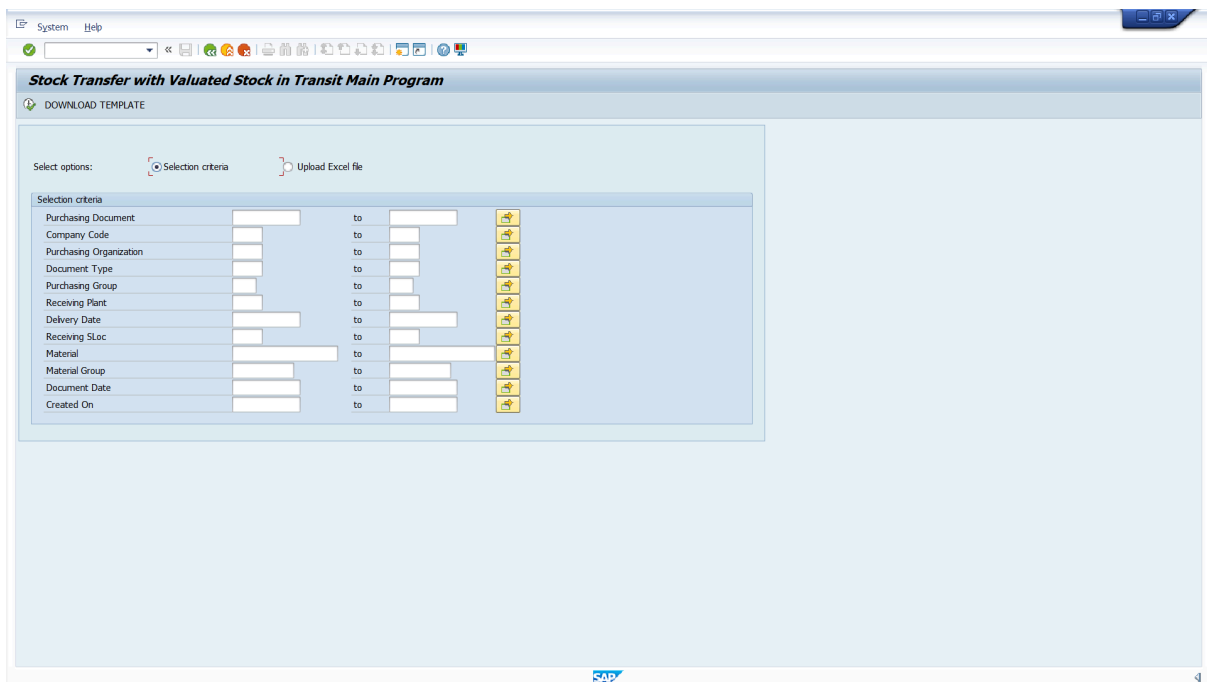
Choose DOWNLOAD TEMPLATE method by clicking on button

The Save File Dialog opens, the user selects the destination folder, then clicks the **Save** button.
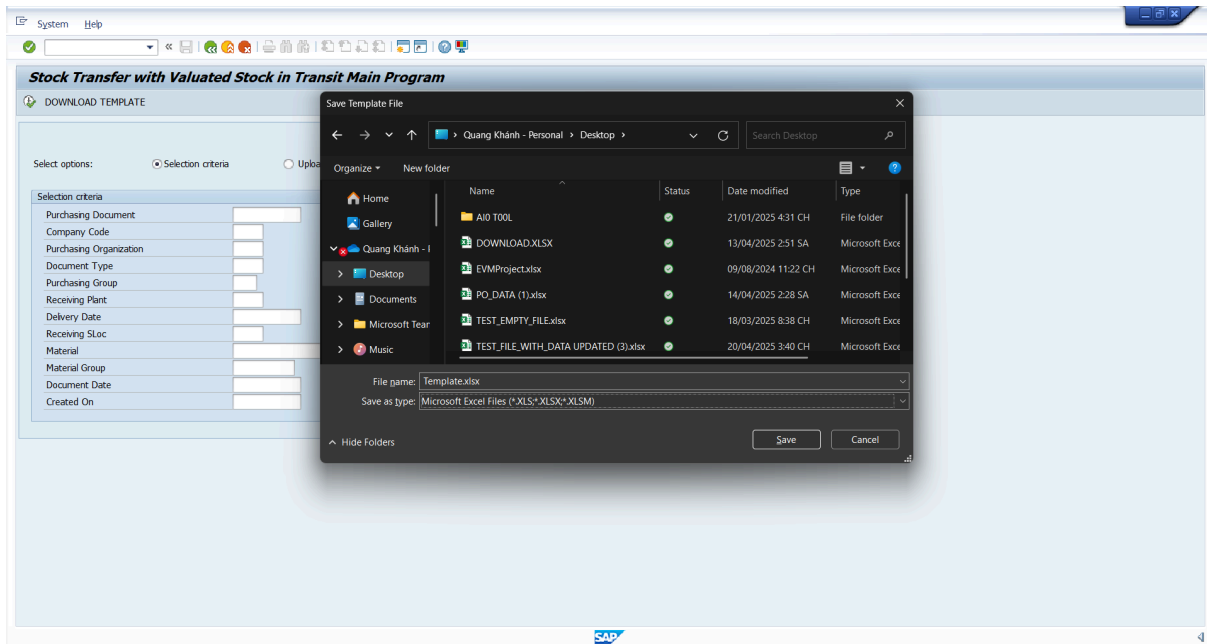
After the file is successfully saved, a message appears: **Download successful:** with the file path where the file was saved.
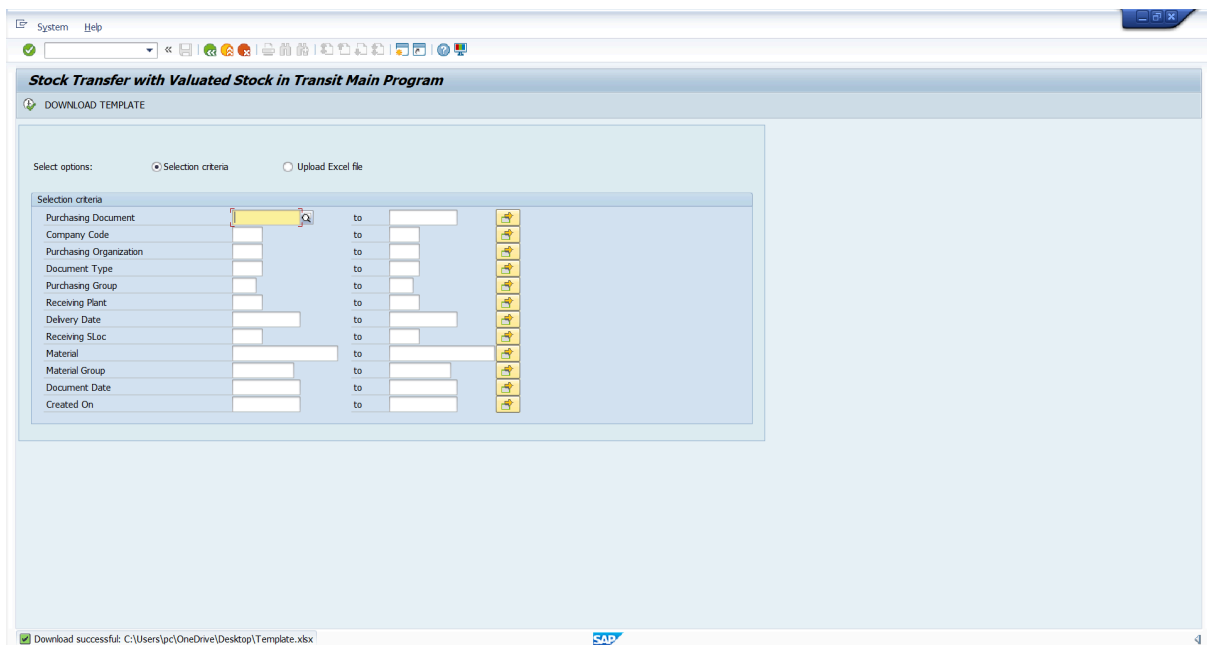
The successfully saved template file will open automatically.
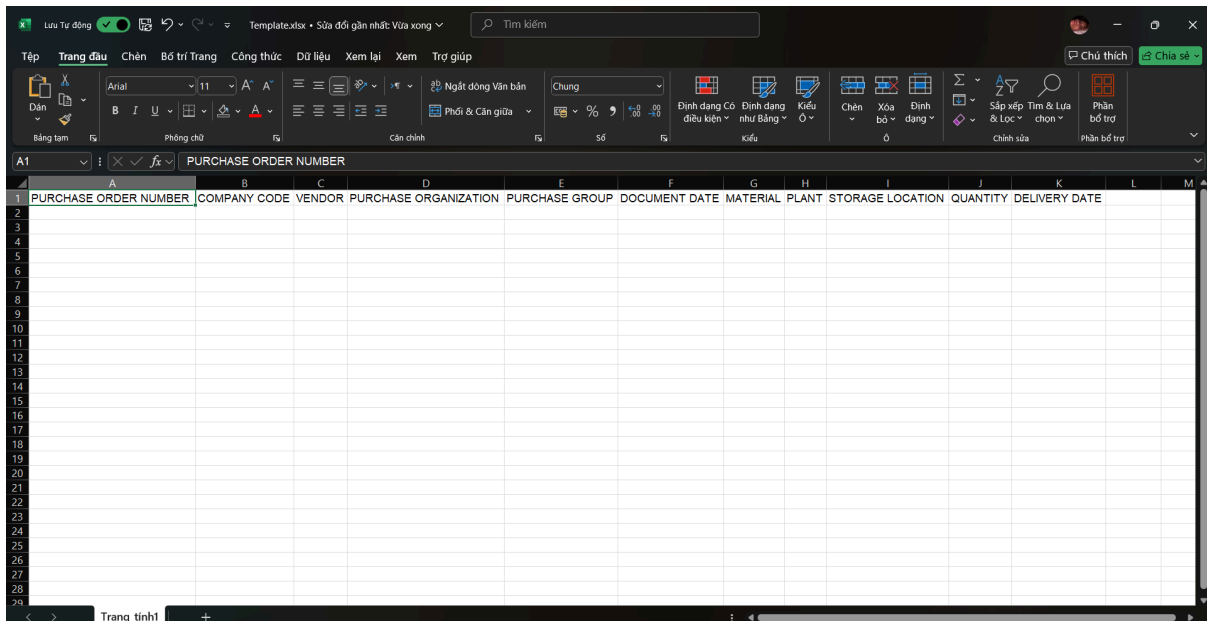
2. Data validation before create PO

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

On the PO creation screen, the red-colored field indicates a validation error ,
the message field will display the error corresponding to the red-colored field

.

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
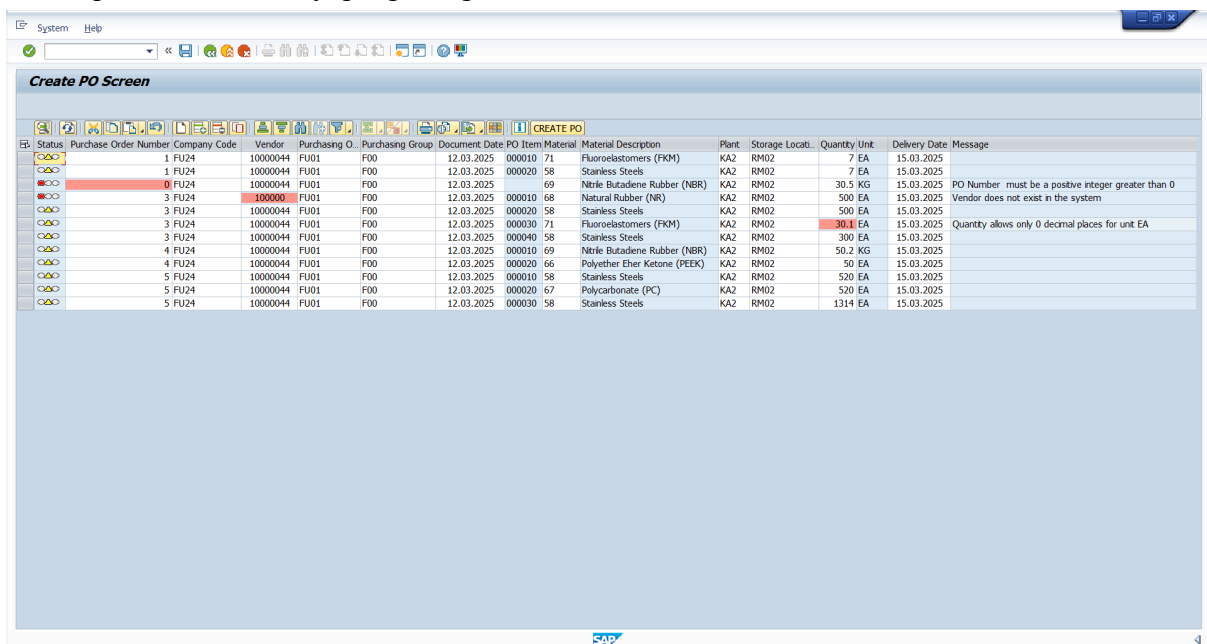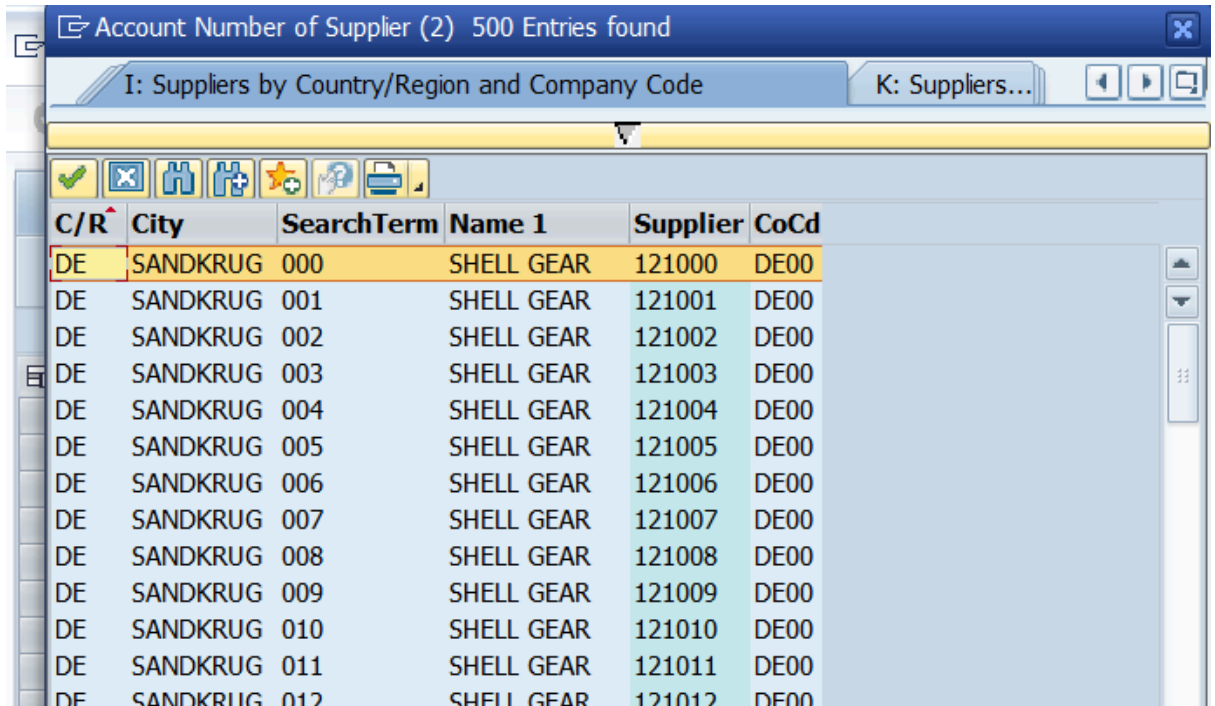   on the error field and selects a new value

- 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 | 10000044 |, 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.