For Smart Factory

Operating User

MANUAL

MES 3D

ERP + MES + SCADA

Auto & S.I

User Manual MES

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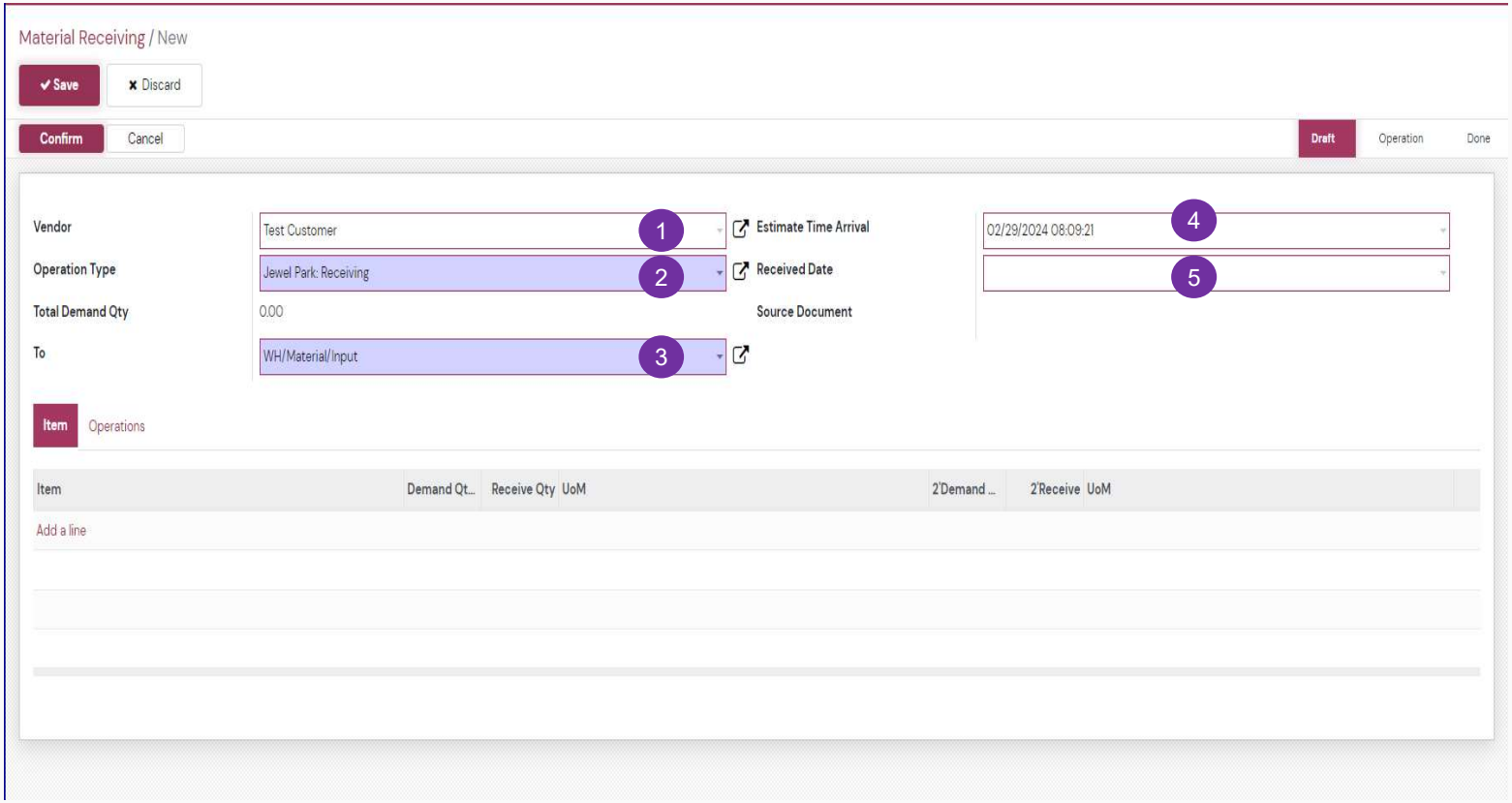
WMS-Material

I. Receiving

Create receiving



Explain

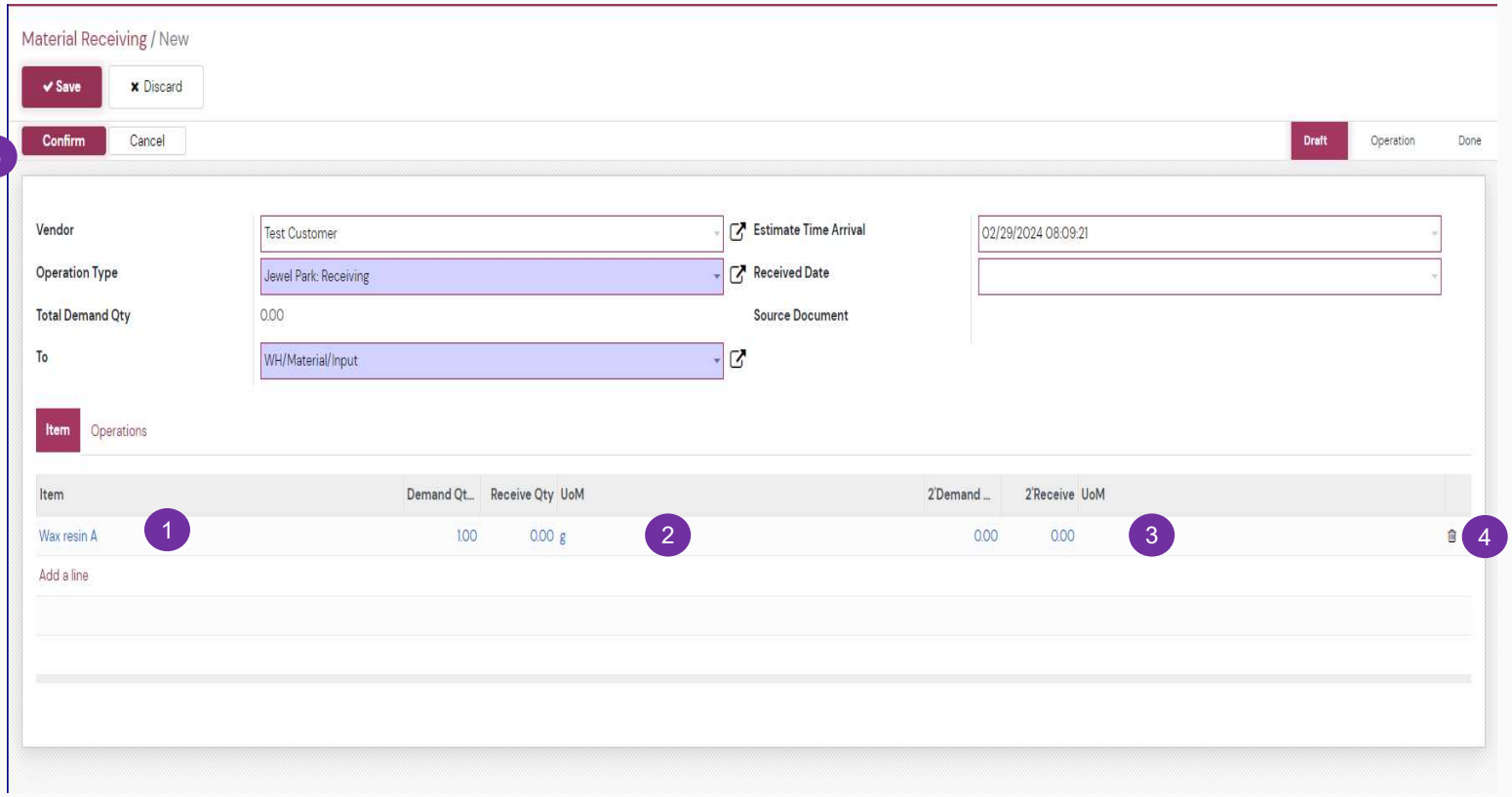
Step by step:

1. Enter the supplier
2. Enter the type of task
3. Enter the location where the materials for the relevant instruction will be unloaded
4. Enter the expected receipt date for the material
5. When material receipt is confirmed, the confirmed date is automatically entered.

WMS-Material

I. Receiving

Create receiving



Explain

Step by step:

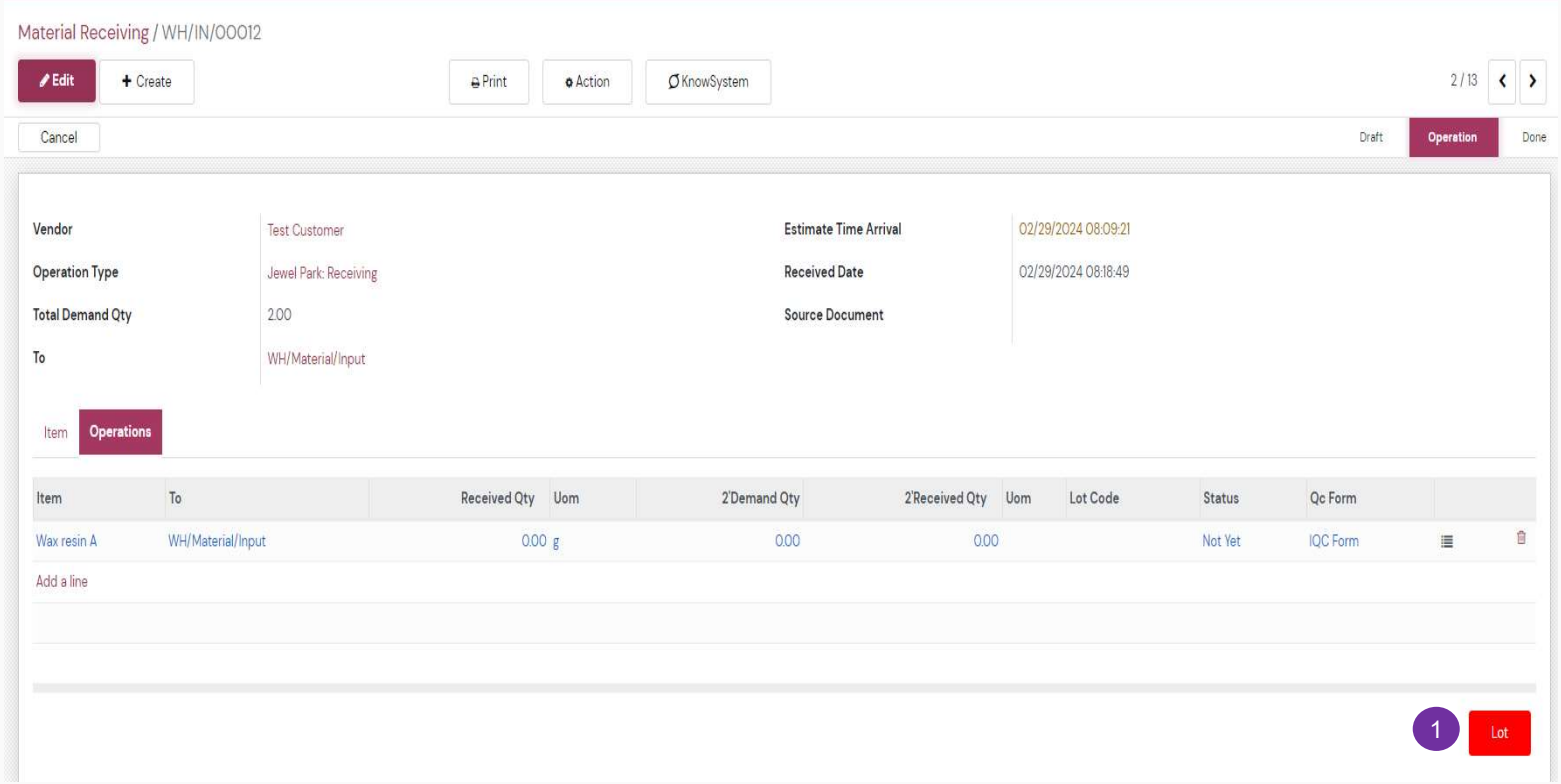
1. Enter the list of materials to be received.
2. Enter the quantity of material to be received.
3. Enter the weight of the material to be received
4. Users can delete the columns they need.
5. Click the Confirm button to confirm the creation of a new material receipt order (status information changes to Draft -> Operation)

**Receive Qty: When the operation is completed, the corresponding value is automatically entered.

WMS-Material

I. Receiving

Check lot



Explain

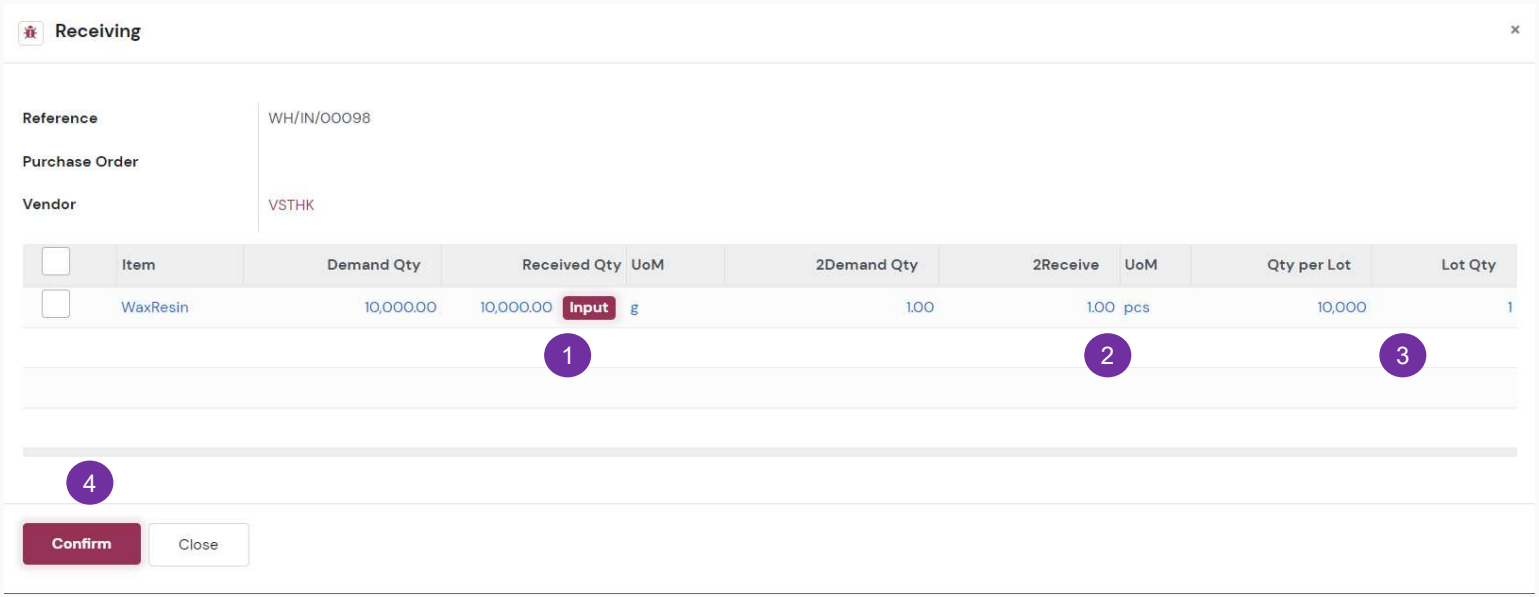
Step by step:

1. Press the Lot button to issue a lot for the material (automatically numbered according to specified rules). -> Detailed explanation on the back page

WMS-Material

I. Receiving

Check lot



Explain

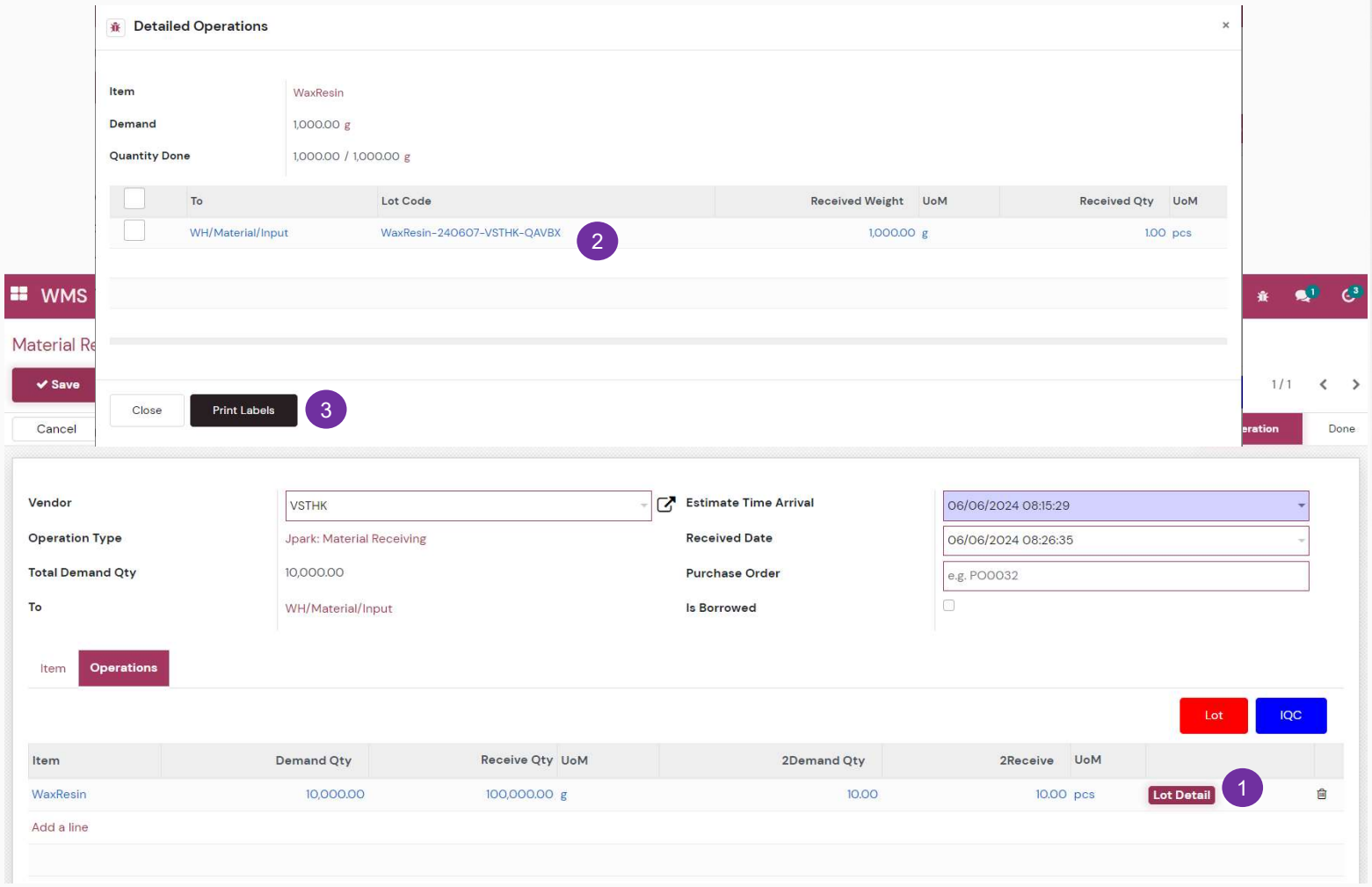
Step by step:

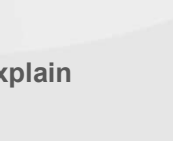
1. Measure the weight of incoming material with the linked electronic scale (can be entered manually directly on the screen)
2. Enter the quantity of materials received.
3. Enter the Quantity of Lot
4. Press the Confirm button to issue the lot of the material selected by item

WMS-Material

I. Receiving

Check lot





Explain

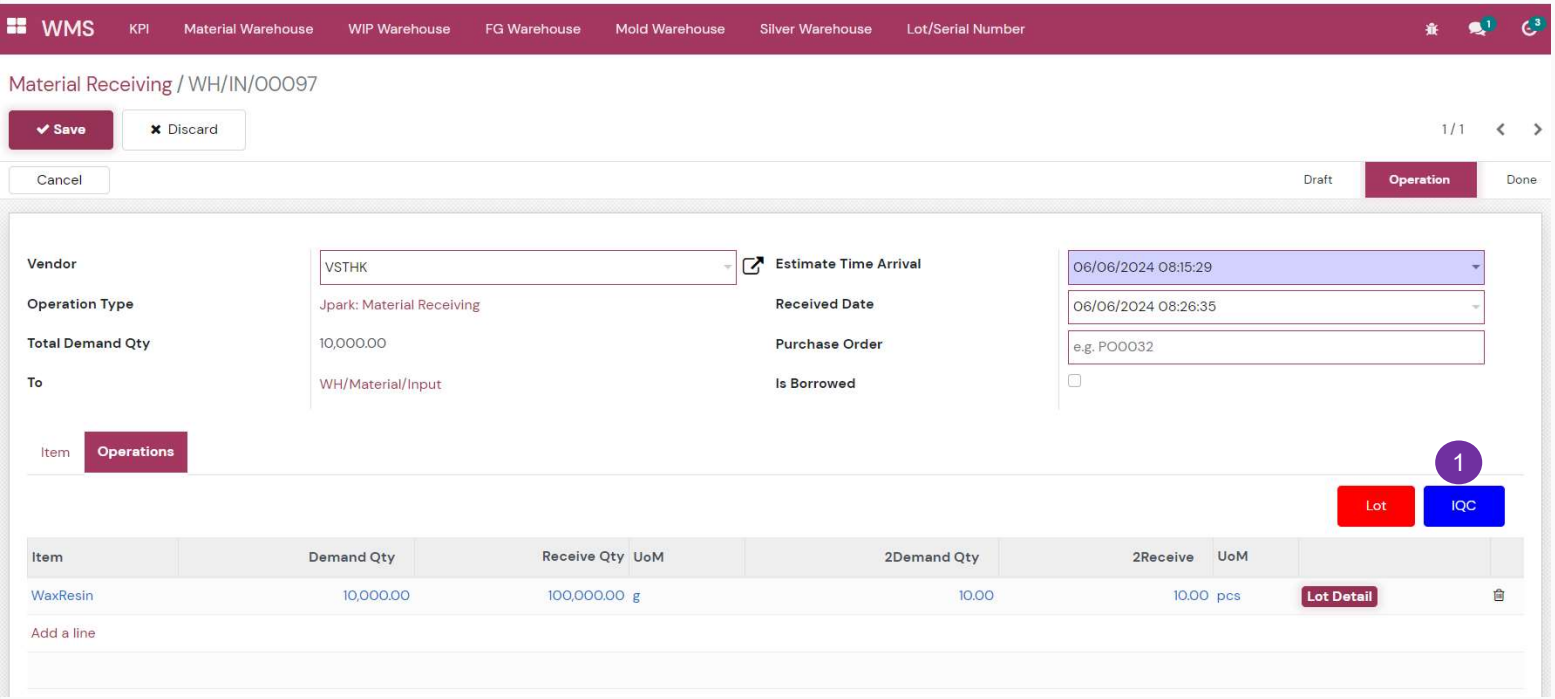
Step by step:

1. Click on the “Lot Detail” button to view the lot.
2. Specifies the issued batch code.
3. Print labels by pressing the “Print Labels” button

WMS-Material

I. Receiving

Check IQC



Explain

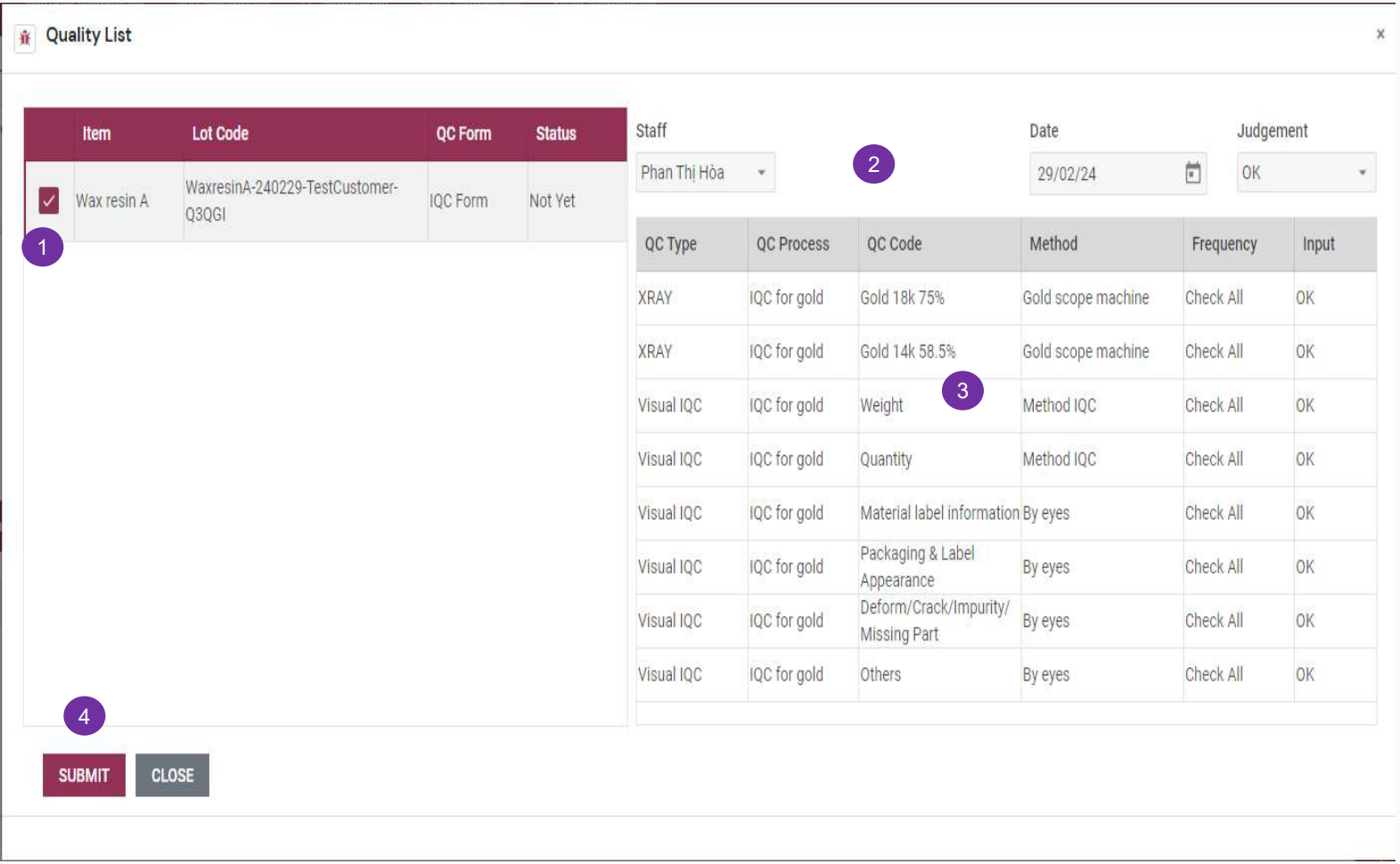
Step by step:

1. Click on the “IQC” to check IQC Lot

WMS-Material

I. Receiving

Check IQC



Explain

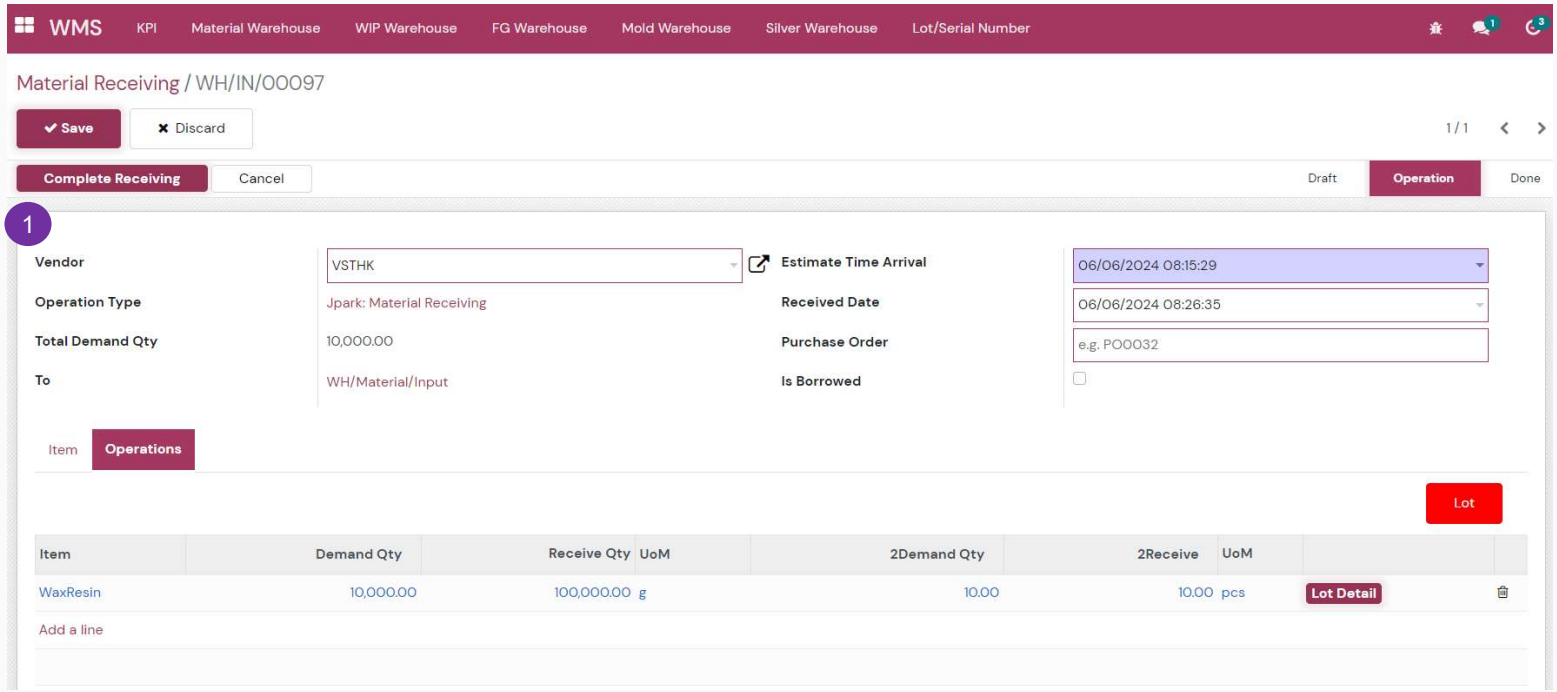
Step by step:

1. Material list check button to select individual material receipt inspection results
2. Select inspection staff, inspection date and final inspection judgment value.
3. The inspection sheet designated in QMS is displayed.
4. Click the Submit button to confirm the IQC results.

WMS-Material

I. Receiving

Complete receiving



Explain

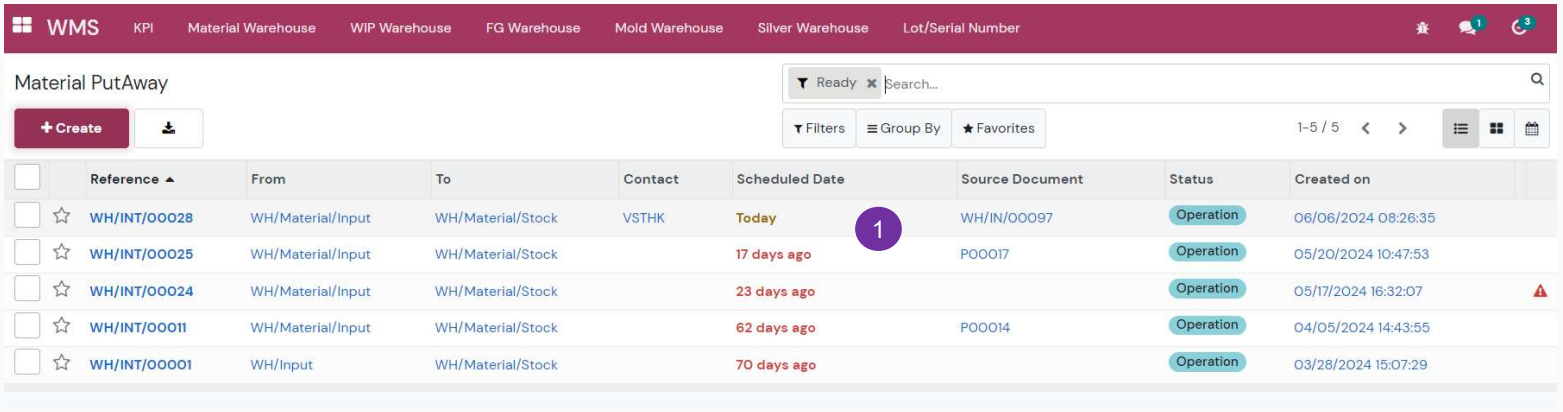
Step by step:

1. Click the Complete Receiving button to complete the material receipt order.

WMS-Material

II. Put away

Put away



Reference	From	To	Contact	Scheduled Date	Source Document	Status	Created on
WH/INT/00028	WH/Material/Input	WH/Material/Stock	VSTHK	Today	WH/IN/00097	Operation	06/06/2024 08:26:35
WH/INT/00025	WH/Material/Input	WH/Material/Stock		17 days ago	P00017	Operation	05/20/2024 10:47:53
WH/INT/00024	WH/Material/Input	WH/Material/Stock		23 days ago		Operation	05/17/2024 16:32:07
WH/INT/00011	WH/Material/Input	WH/Material/Stock		62 days ago	P00014	Operation	04/05/2024 14:43:55
WH/INT/00001	WH/Input	WH/Material/Stock		70 days ago		Operation	03/28/2024 15:07:29

Explain

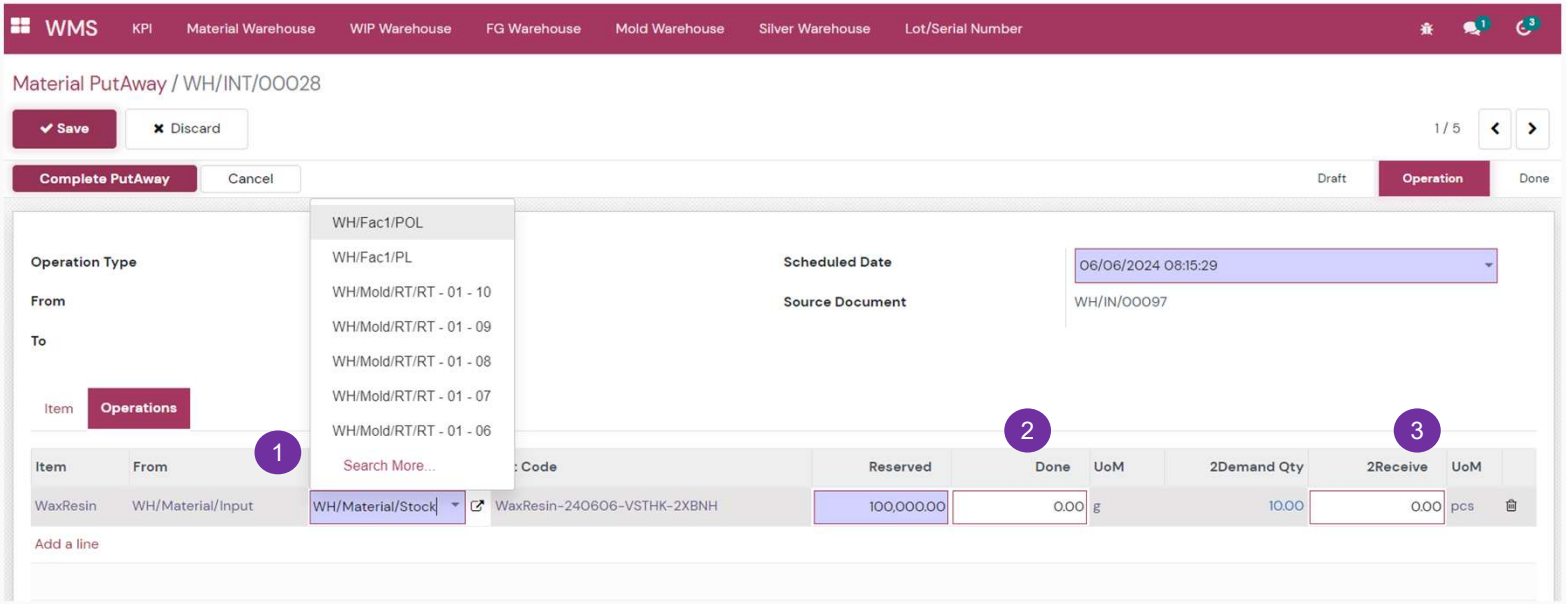
Step by step:

1. After completing the warehouse, there will automatically be a put away ticket

WMS-Material

II. Put away

Put away



Explain

Step by step:

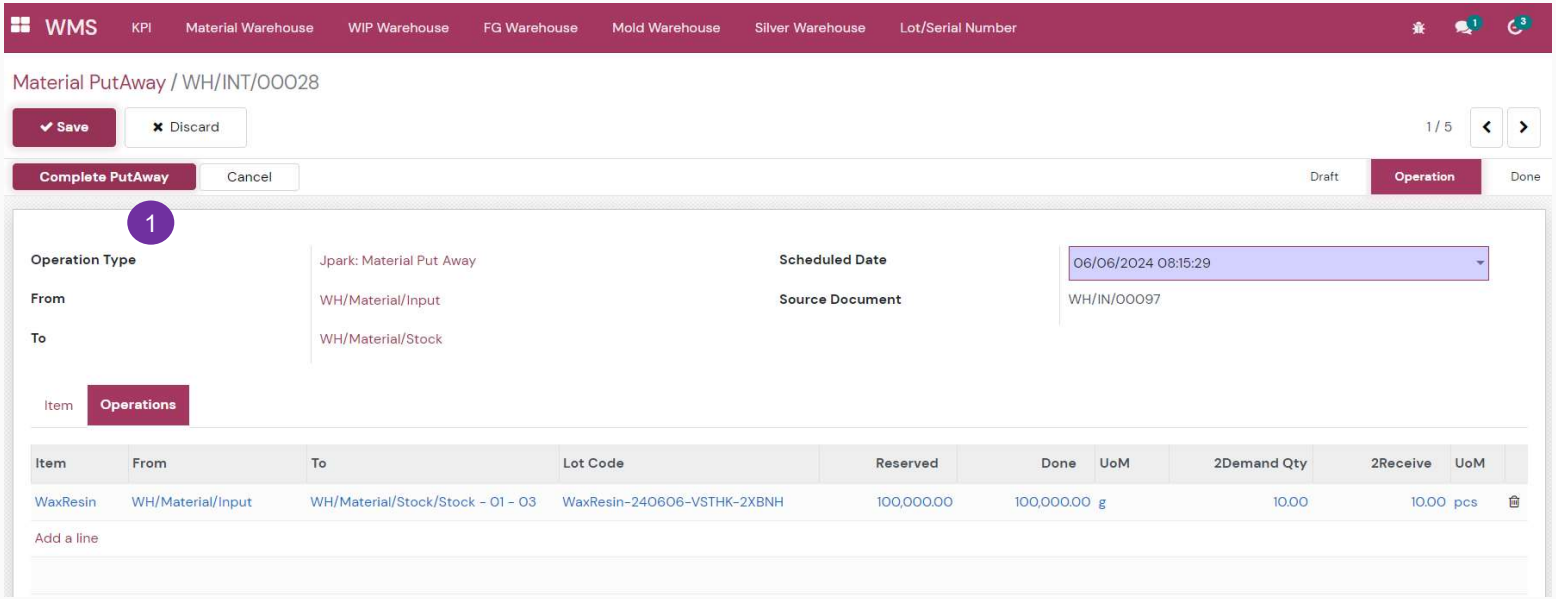
* Proceed in the “Operations” tab.

1. Location where materials will be stored – Shelves and Bin numbers. appointed.
2. Enter the weight to deposit.
3. Enter the quantity to send.

WMS-Material

II. Put away

Complete put away



Explain

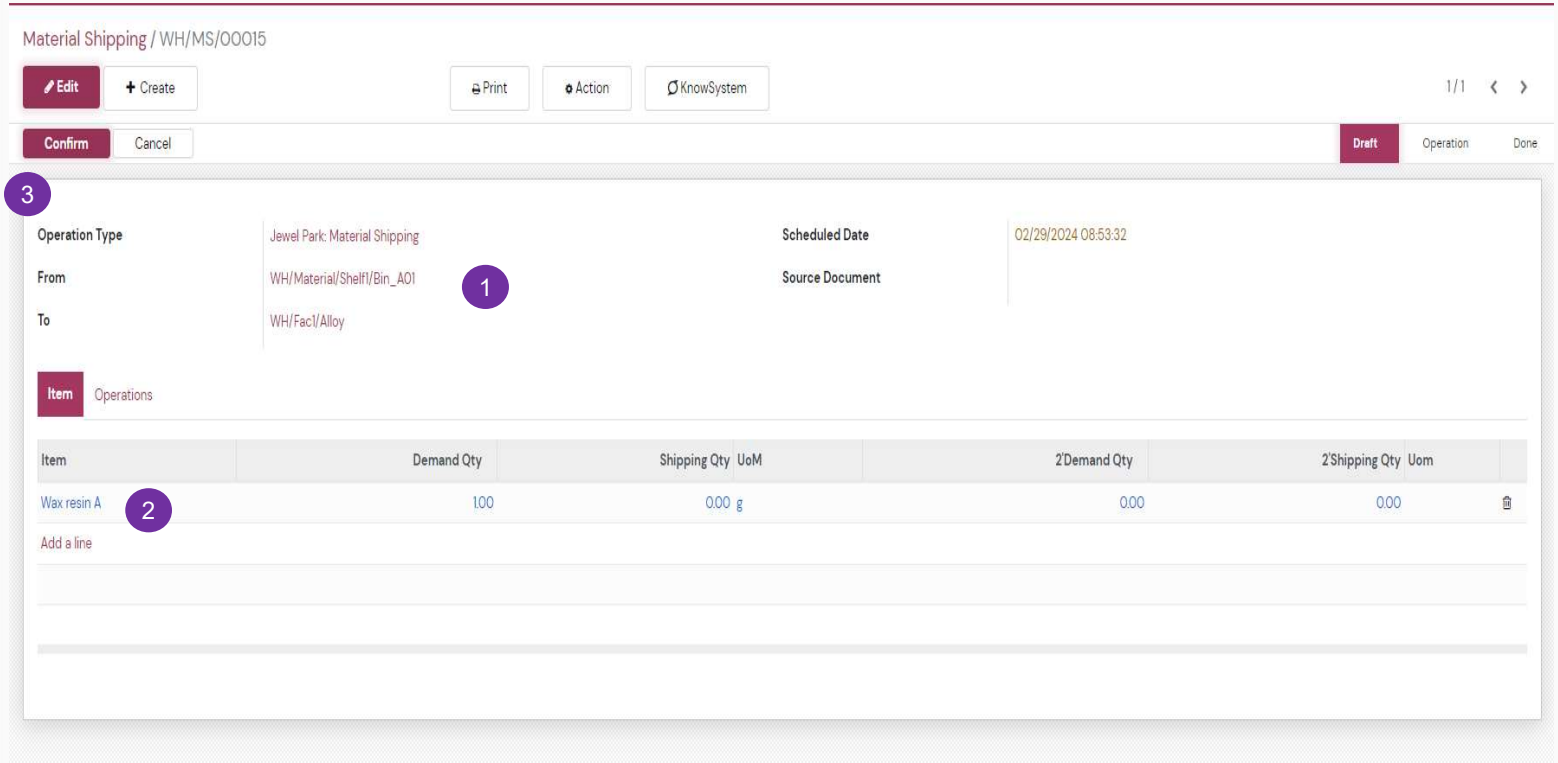
Step by step:

1. Click the button to complete

WMS-Material

III. Shipping

Create shipping



Explain

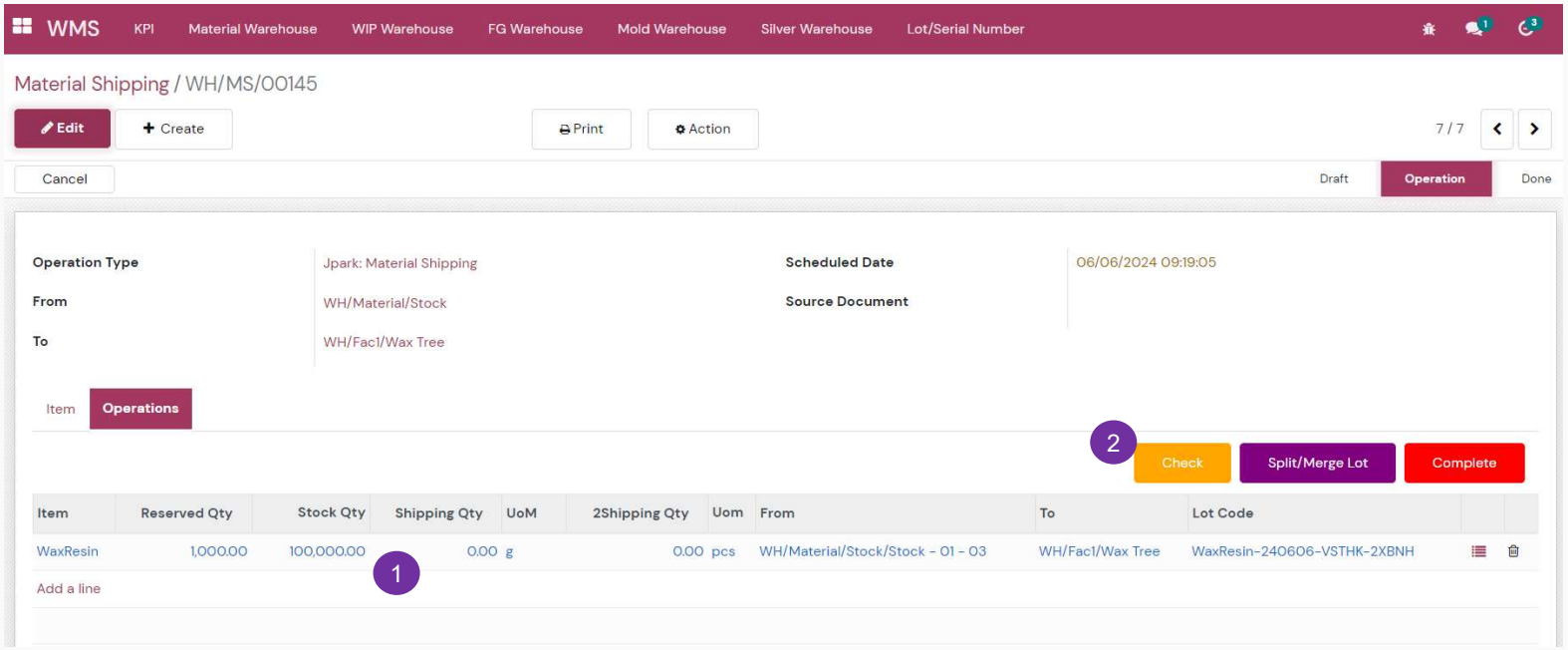
Step by step:

1. Select the type of work and the location where the materials will be moved.
2. Enter the material information to be issued.
3. Click Confirm to confirm.

WMS-Material

III. Shipping

Merge/Split Lot



Explain

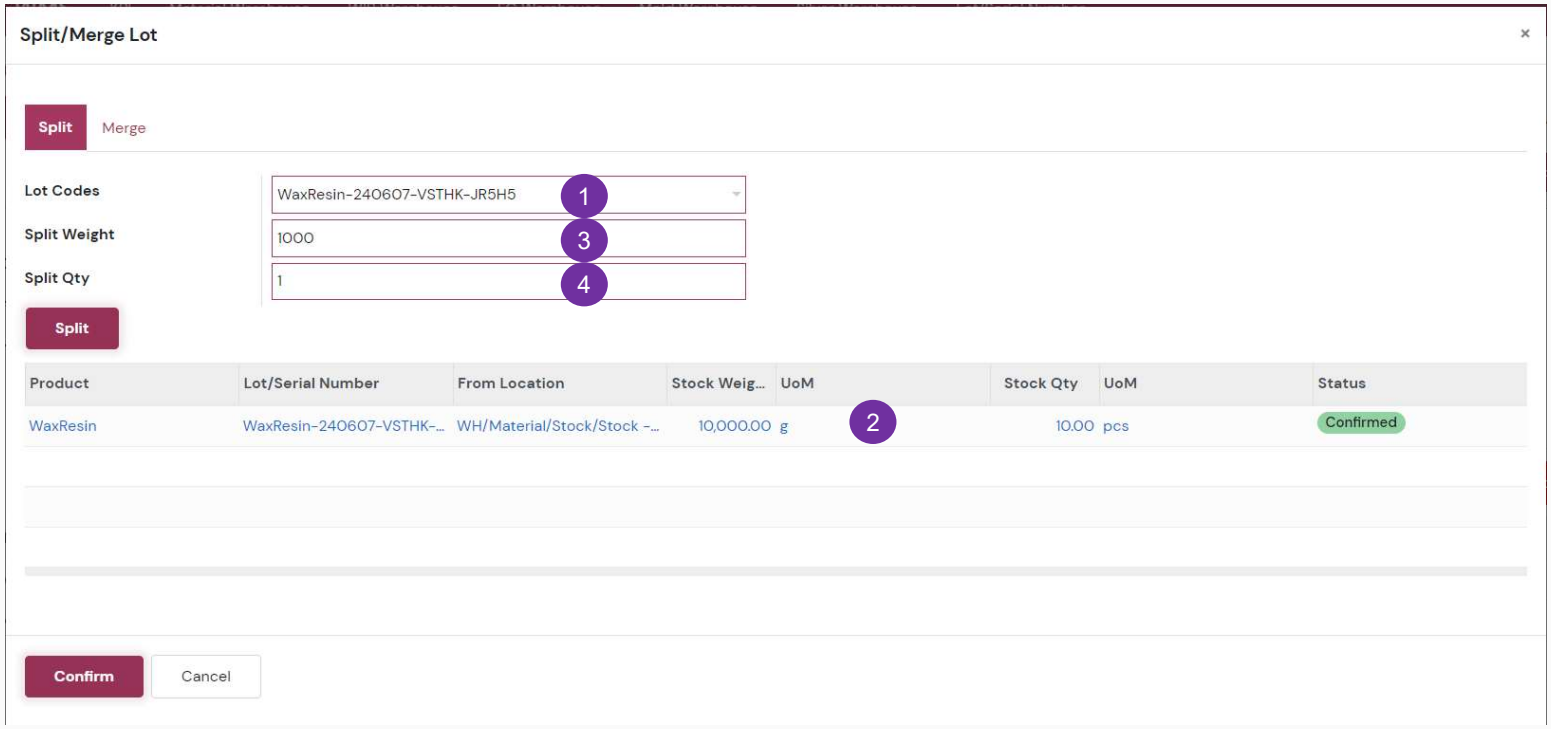
Step by step:

1. * Proceed in the “Operations” tab.
2. The remaining weight is displayed in the batch code of the selected material.
3. If necessary, click the “Split/Merge Lot” button to split/merge the material batch.

WMS-Material

III. Shipping

Merge/Split Lot



Explain

Step by step:

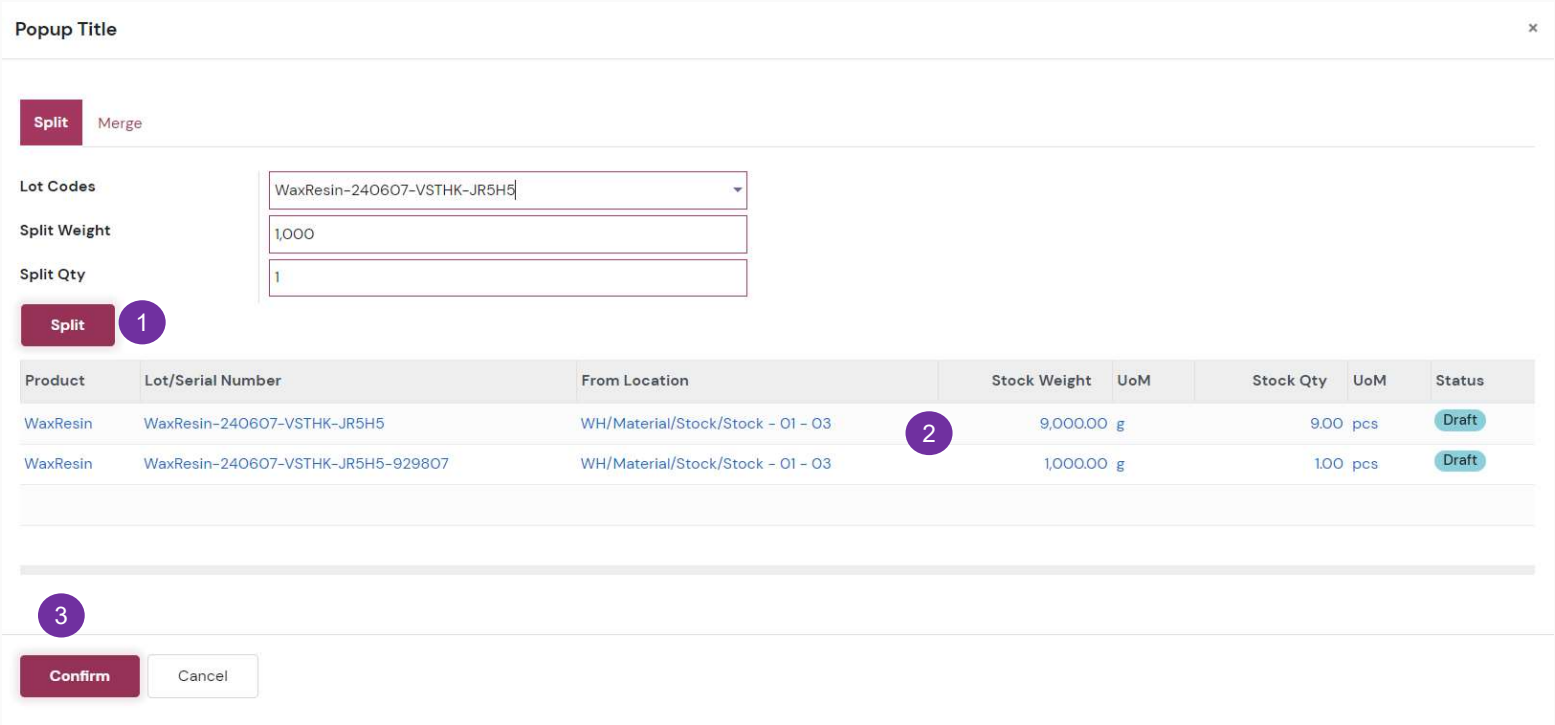
Proceed in the Split tab.

1. Select lot code to divide.
2. Displays the selected batch code.
3. Enter the weight to divide.
4. Enter the amount to divide

WMS-Material

III. Shipping

Merge/Split Lot



Explain

Step by step:

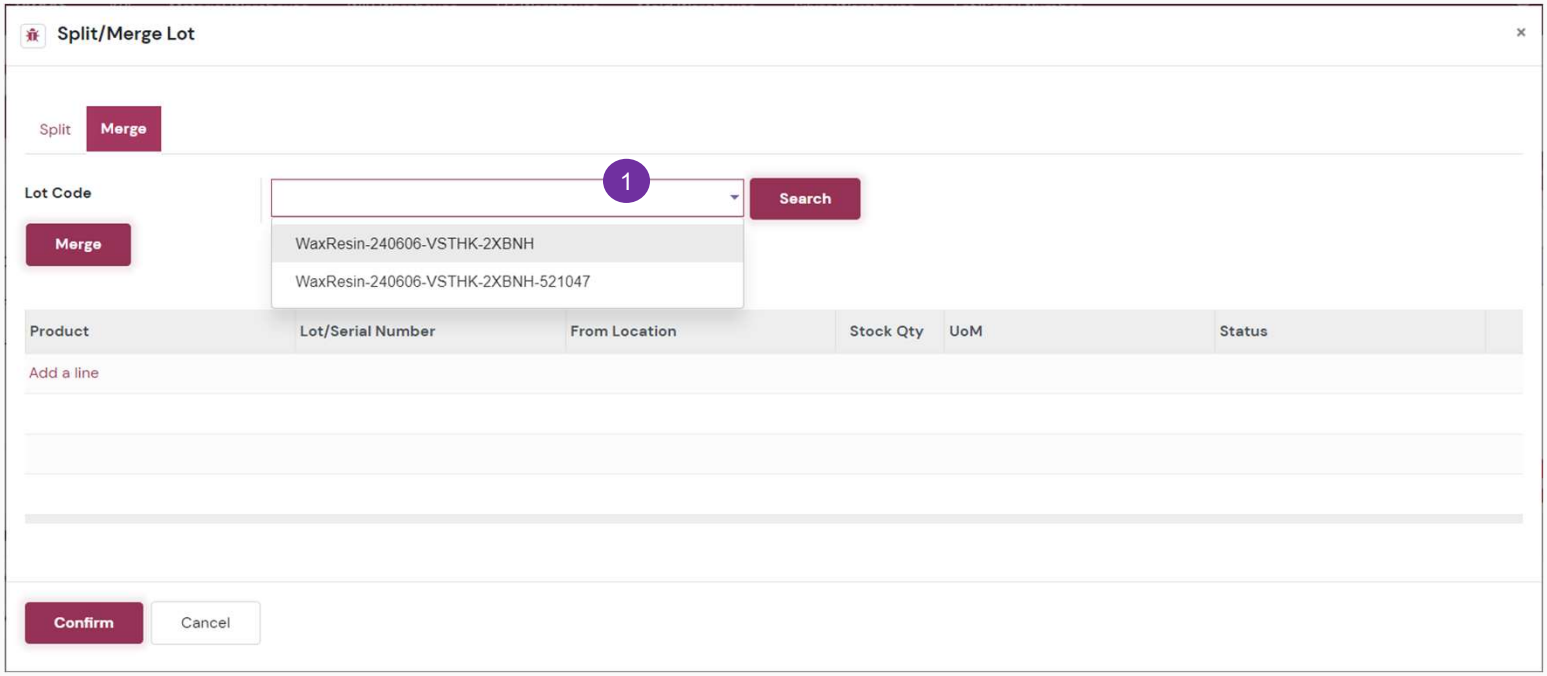
* Proceed in the Split tab.

1. Split by pressing the “Split” button.
2. Displays new split lots.
3. Confirm by pressing the “Confirm” button.

WMS-Material

III. Shipping

Merge/Split Lot



Explain

Step by step:

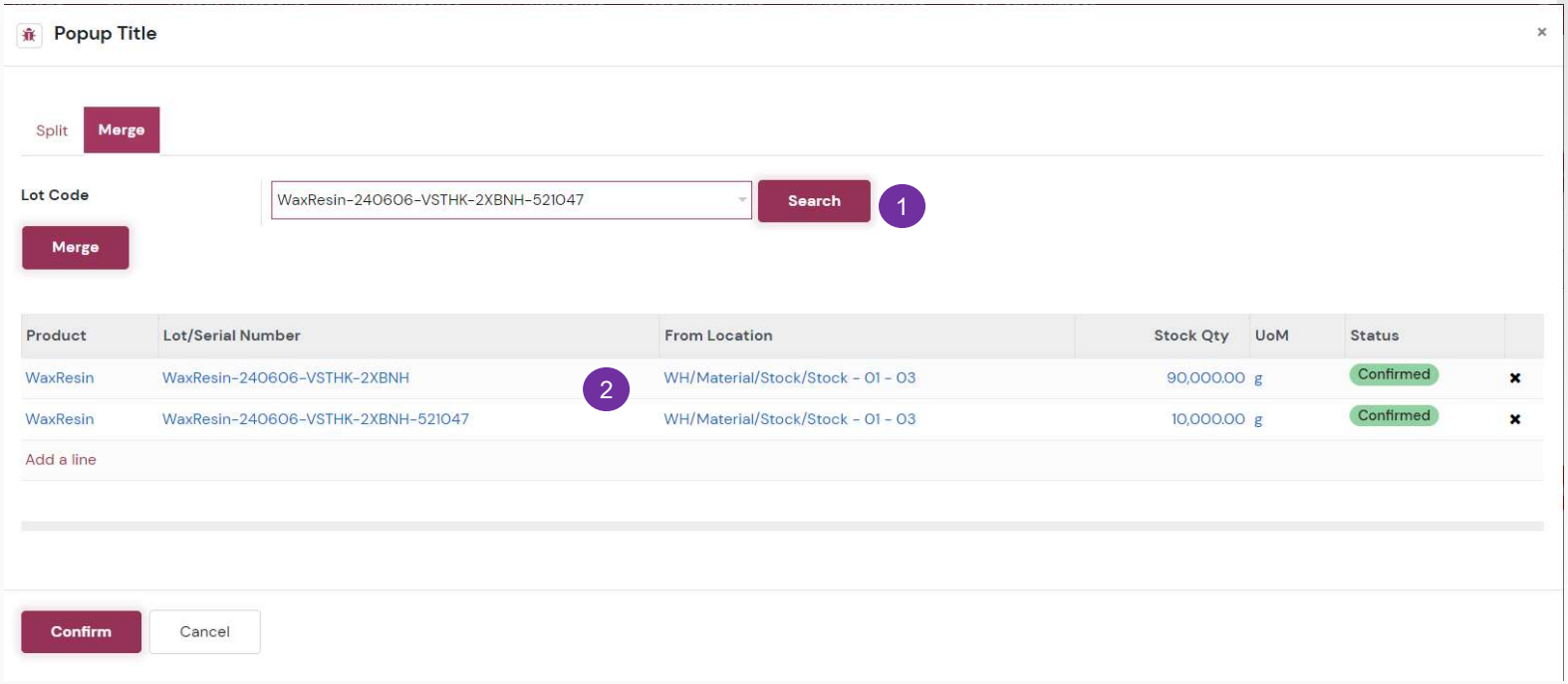
* Proceed in Merge tab

1. Select material lots to merge.

WMS-Material

III. Shipping

Merge/Split Lot



Explain

Step by step:

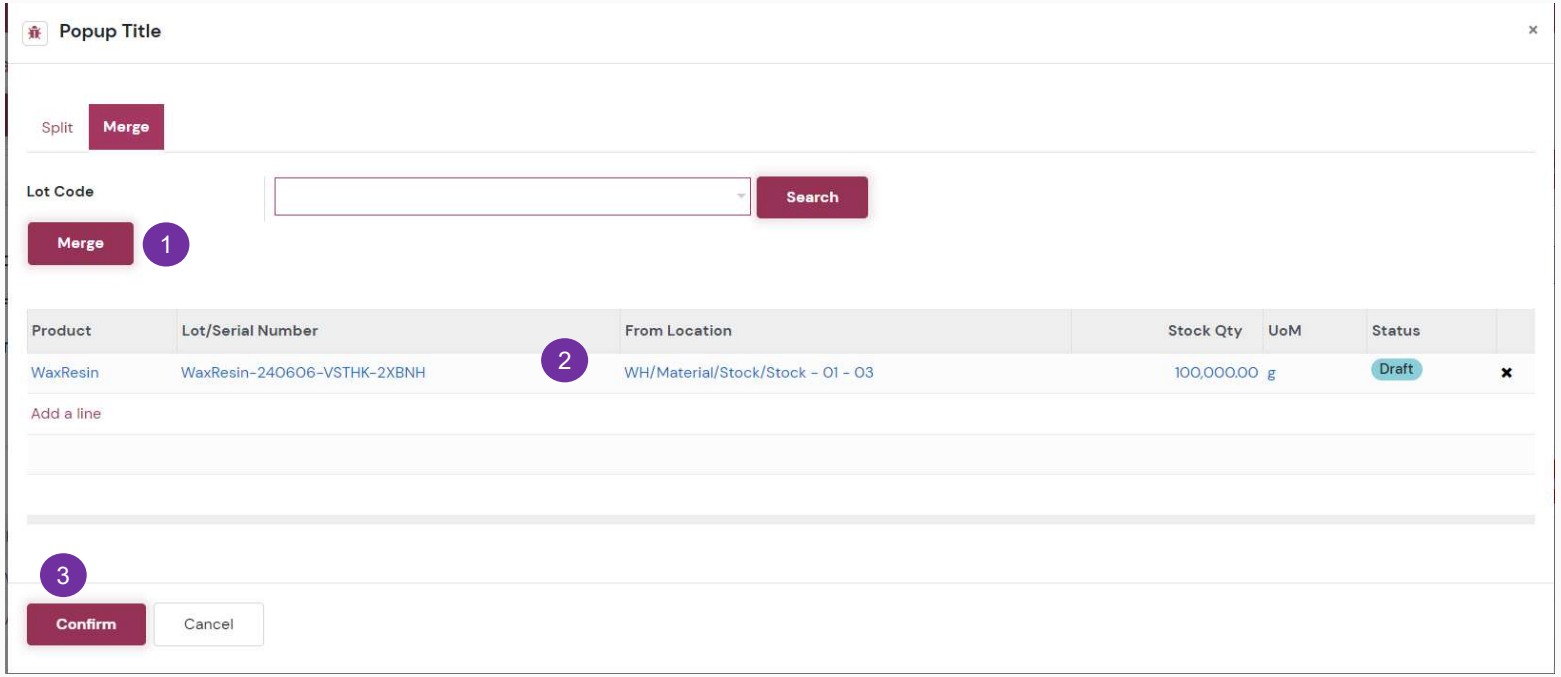
* Proceed in Merge tab

1. When you press the “Search” button
2. Marked as lots to be merged at bottom.

WMS-Material

III. Shipping

Merge/Split Lot



Explain

Step by step:

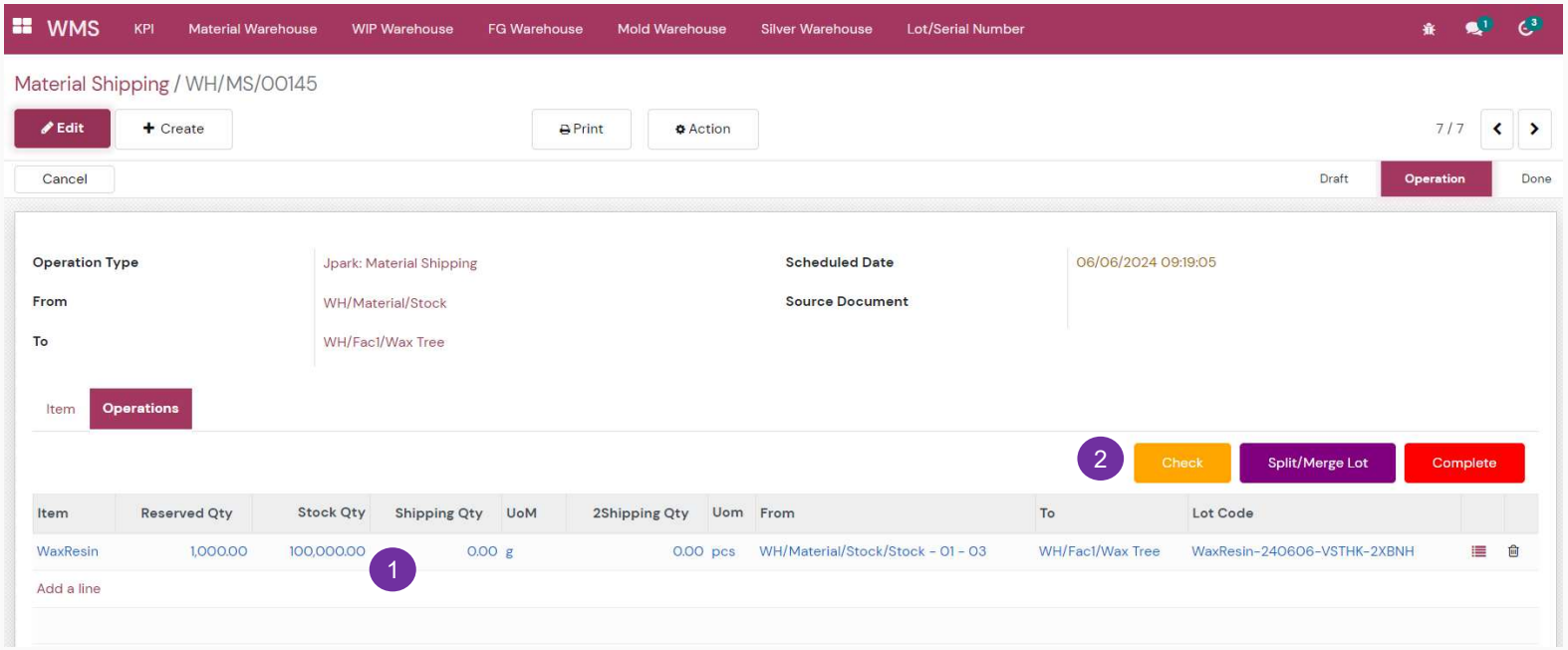
* Proceed in Merge tab

1. Press the “Merge” button to perform the merge.
2. Show merged lots.
3. Confirm by pressing the “Confirm” button.

WMS-Material

III. Shipping

Check Lot



Explain

Step by step:

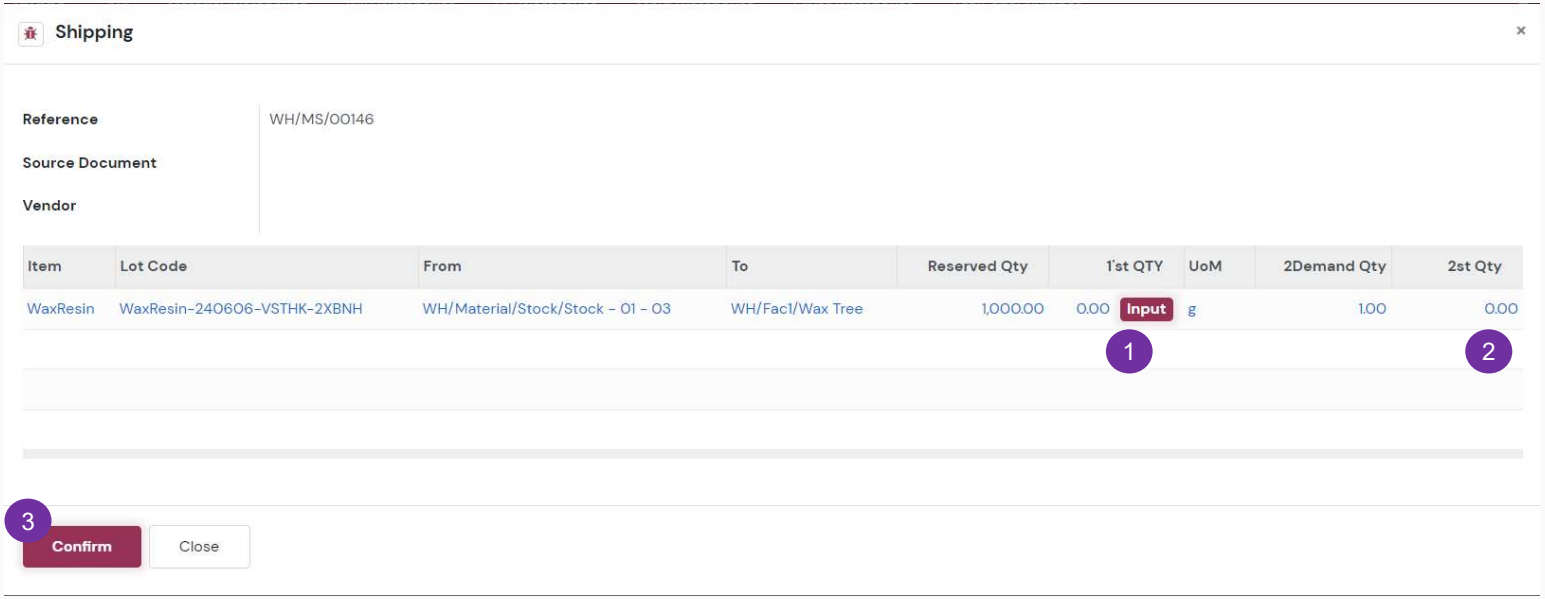
* Proceed in the Operation tab.

1. The remaining weight is displayed in the lot code of the selected material.
2. Enter shipping information by pressing the “Check” button

WMS-Material

III. Shipping

Check Lot



Explain

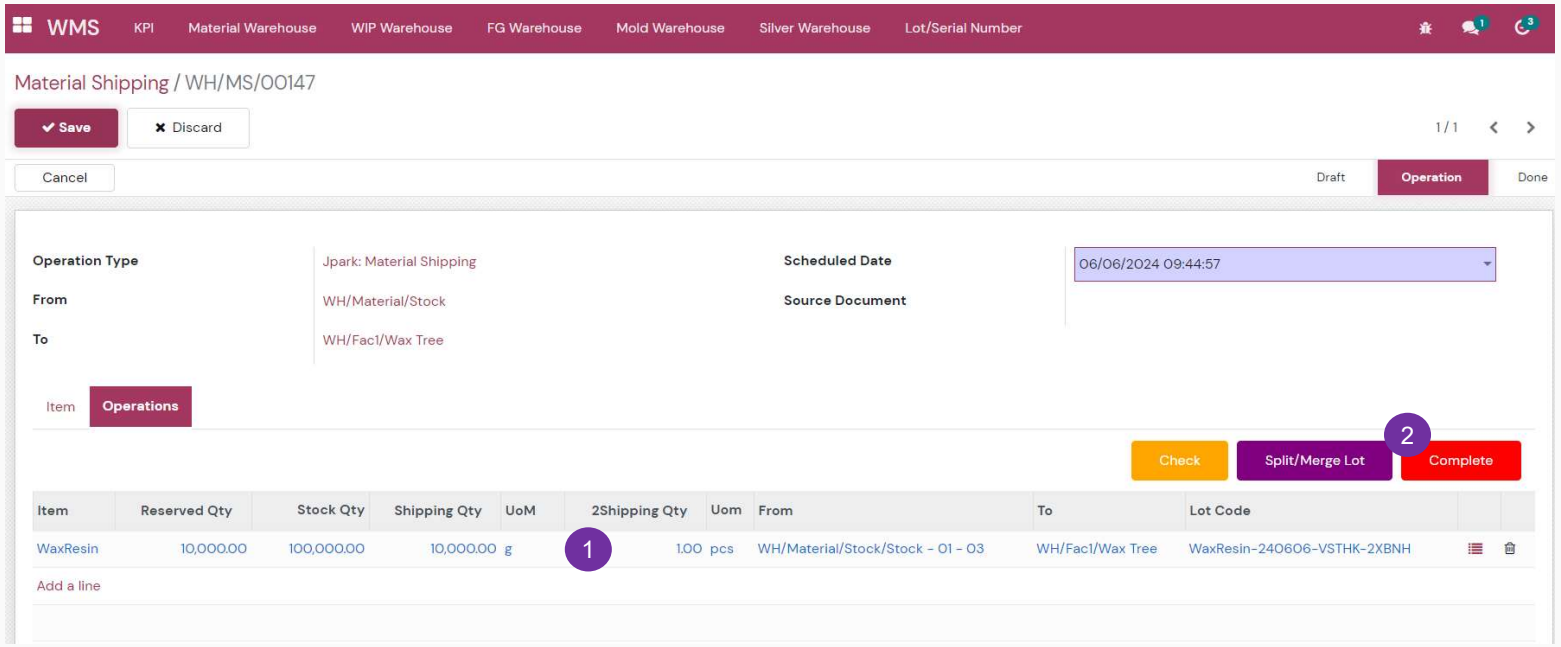
Step by Step:

1. Enter the weight of the material linked to the electronic scale.
2. Enter the quantity of material to be shipped.
3. Confirm by pressing the “Confirm” button.

WMS-Material

III. Shipping

Check Lot



Explain

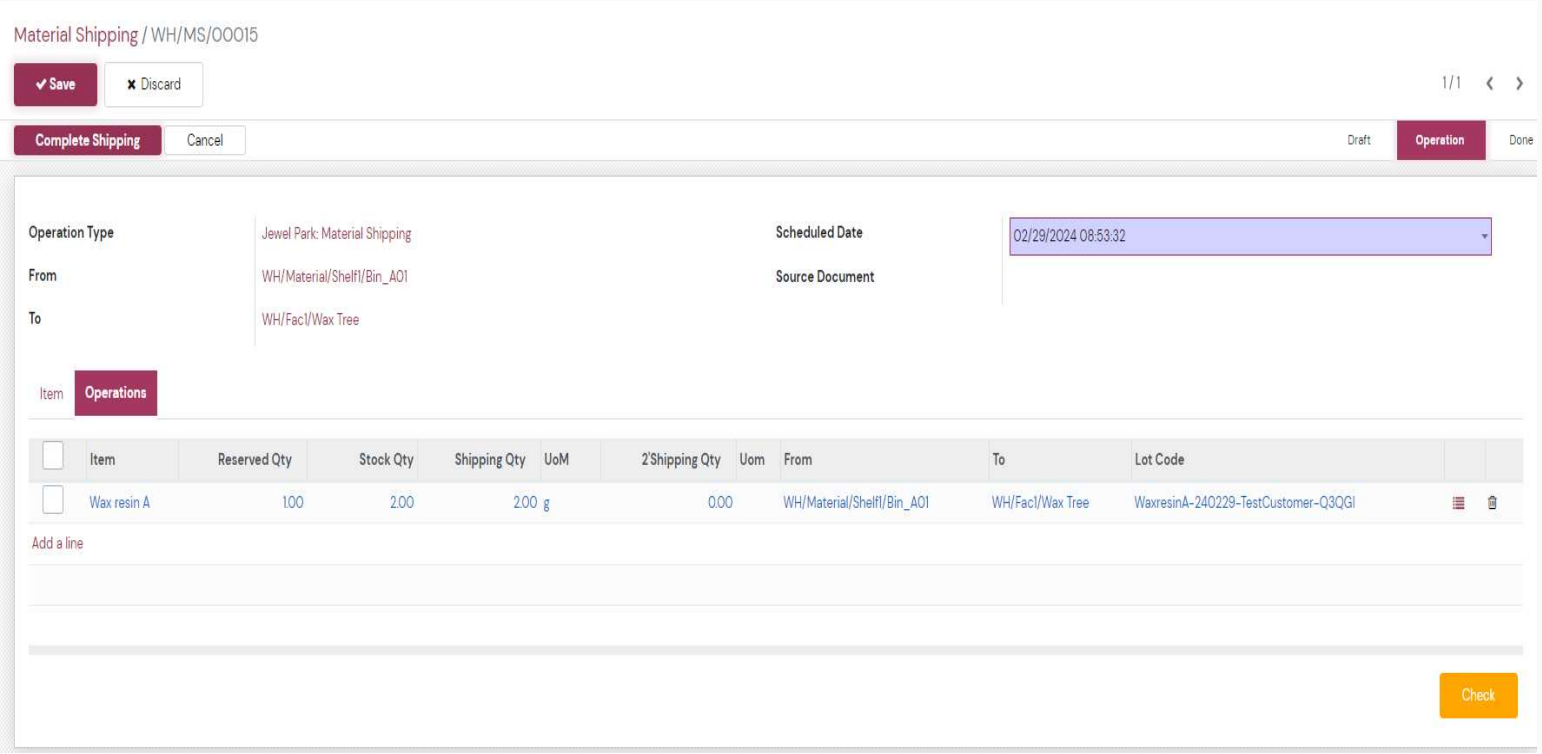
Step by Step:

1. Displays the shipment quantity entered in the “Check” window.
2. If there are no problems, click the “Complete” button to complete the input.

WMS-Material

III. Shipping

Complete shipping



Explain

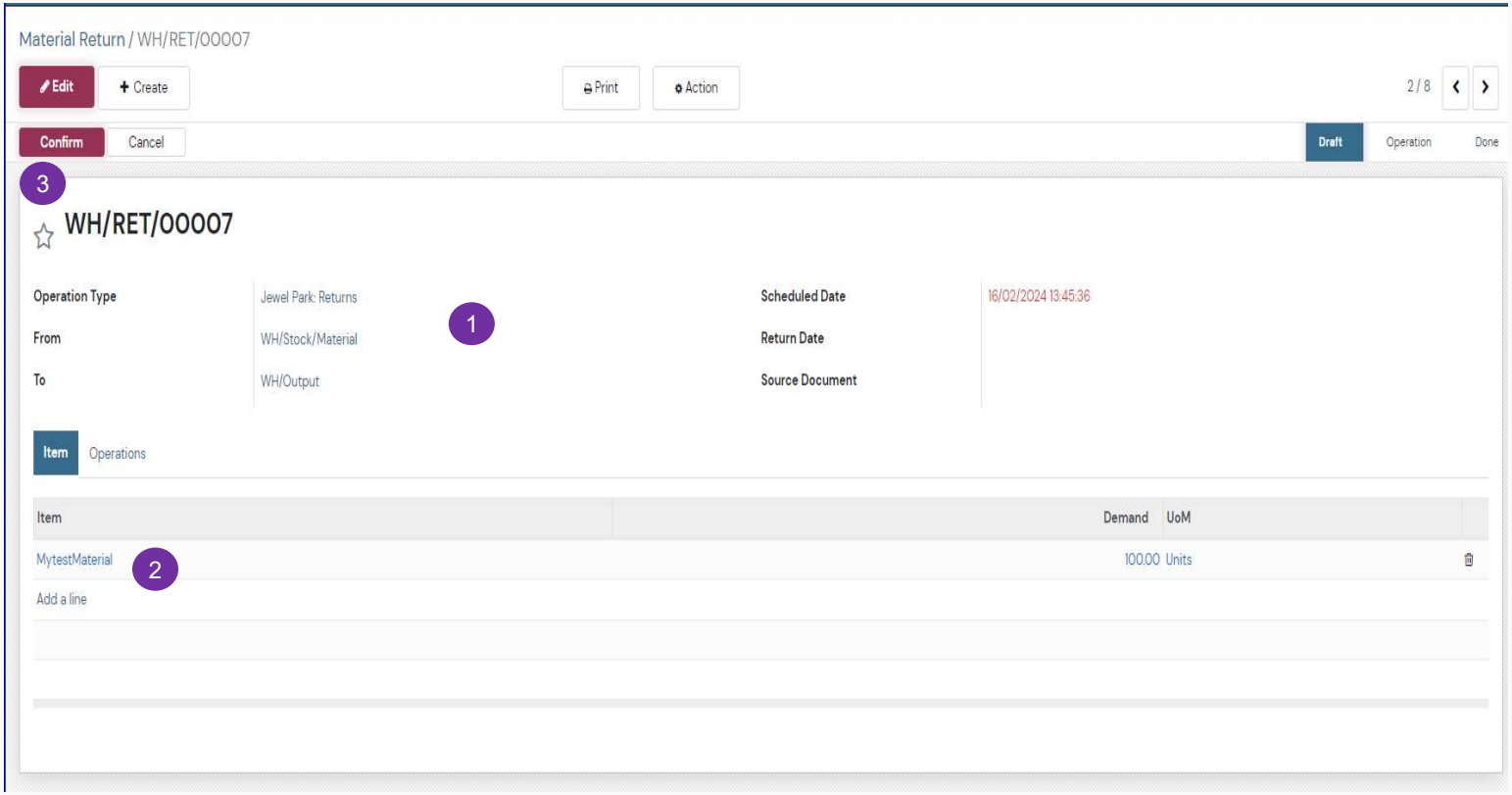
Step by step:

1. Click the Complete Receiving button to complete the material receipt order.

WMS-Material

IV. Return

Create return



Explain

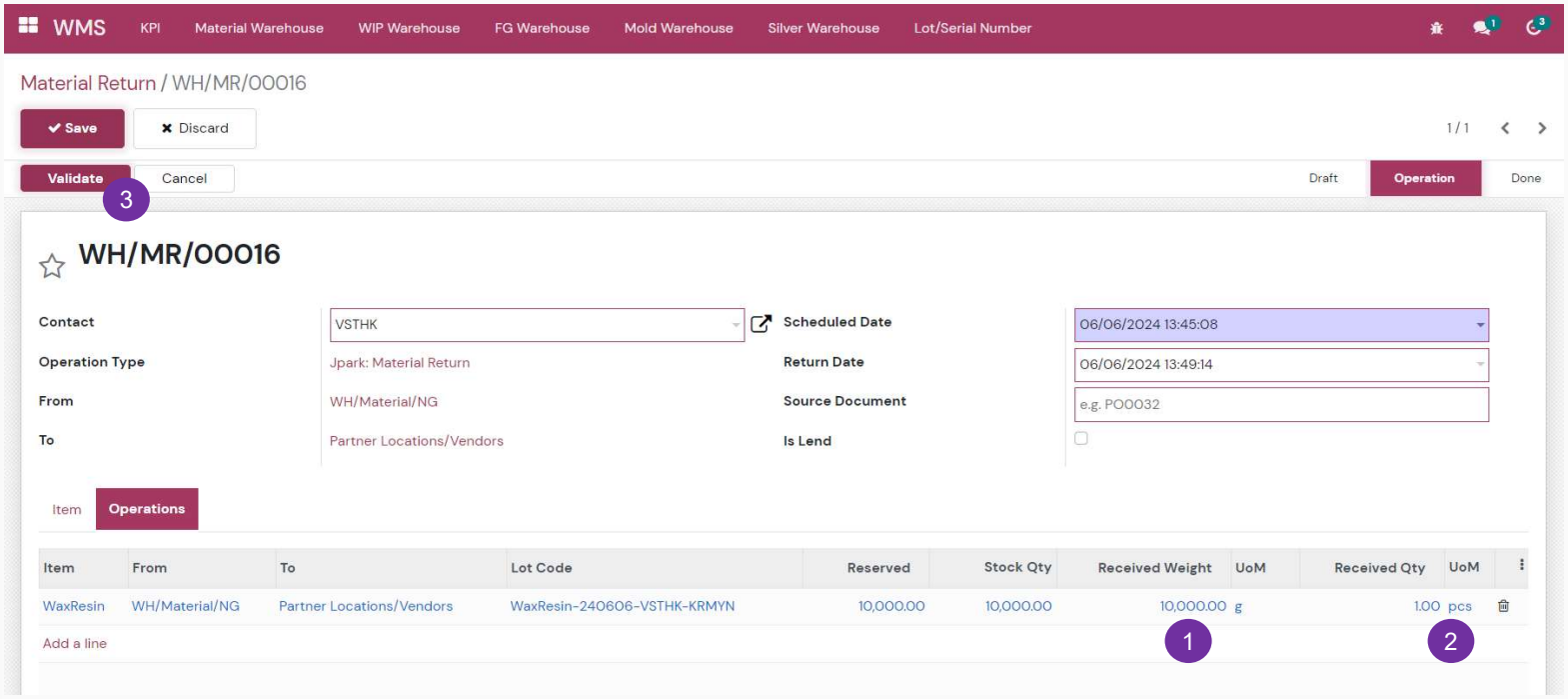
Step by step:

1. Select the type of work and the location where the materials will be moved.
2. Enter the material information to be issued.
3. Click Confirm to confirm.

WMS-Material

IV. Return

Return to material



Explain

Step by Step:

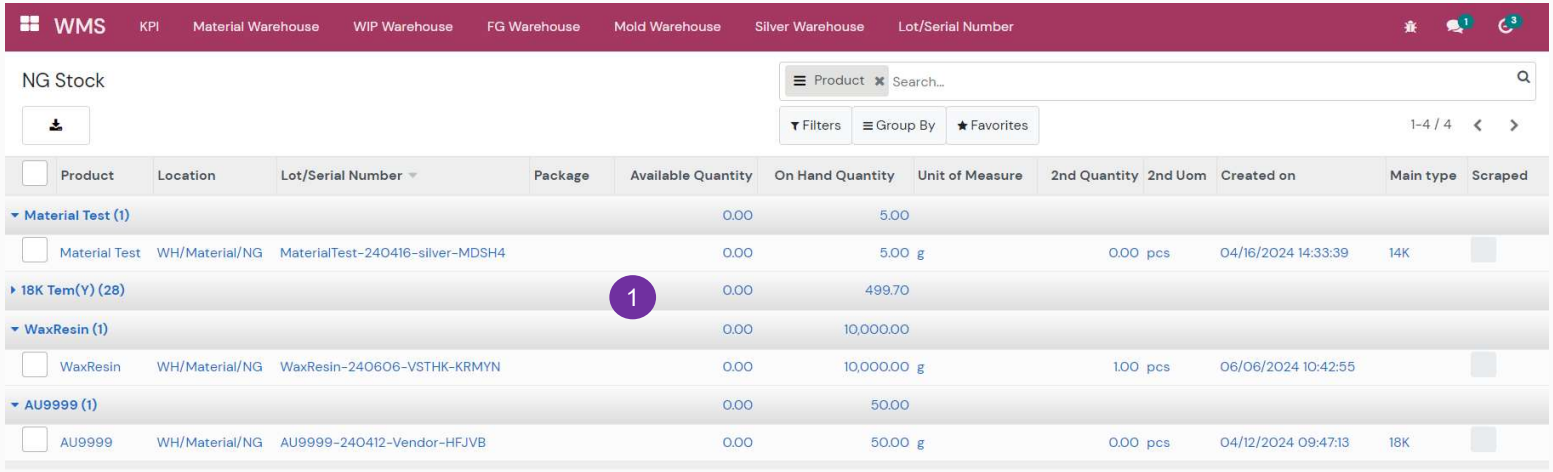
* Proceed in the Operation tab.

1. Enter return material weight.
2. Enter the quantity of returned material.
3. Execute by pressing the “Validate” button..

WMS-Material

V. NG Stock

View stock NG



Explain

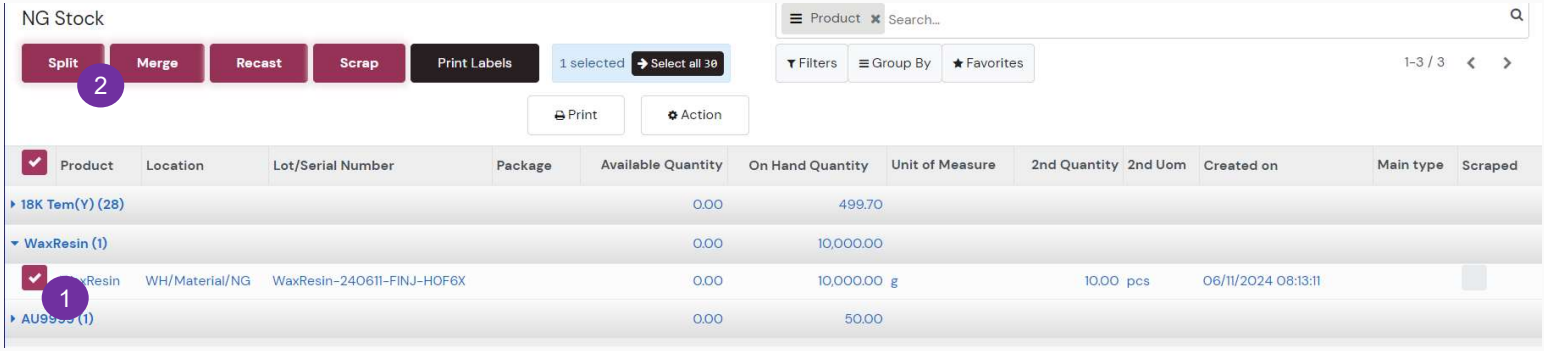
Step by Step:

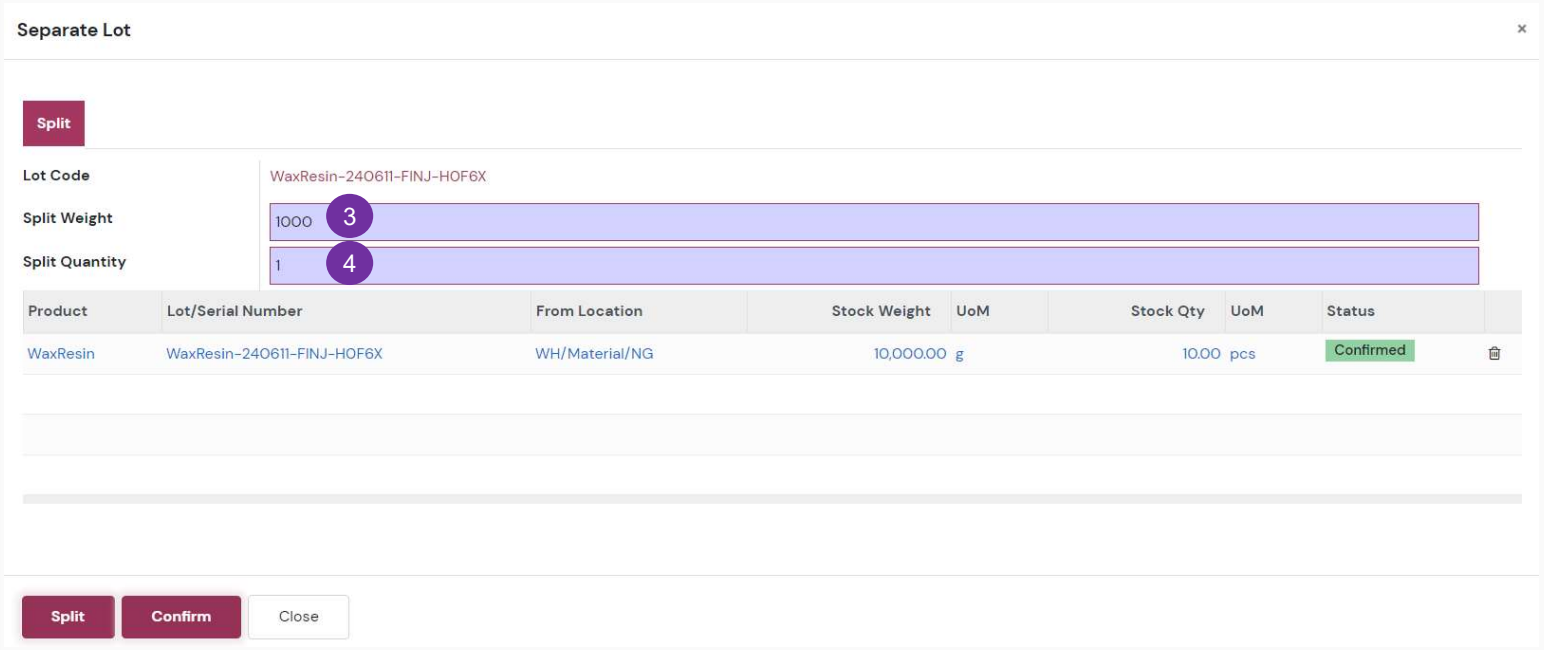
1. View to stock NG Material

WMS-Material

V. NG Stock

Inventory division of defective materials





Explain

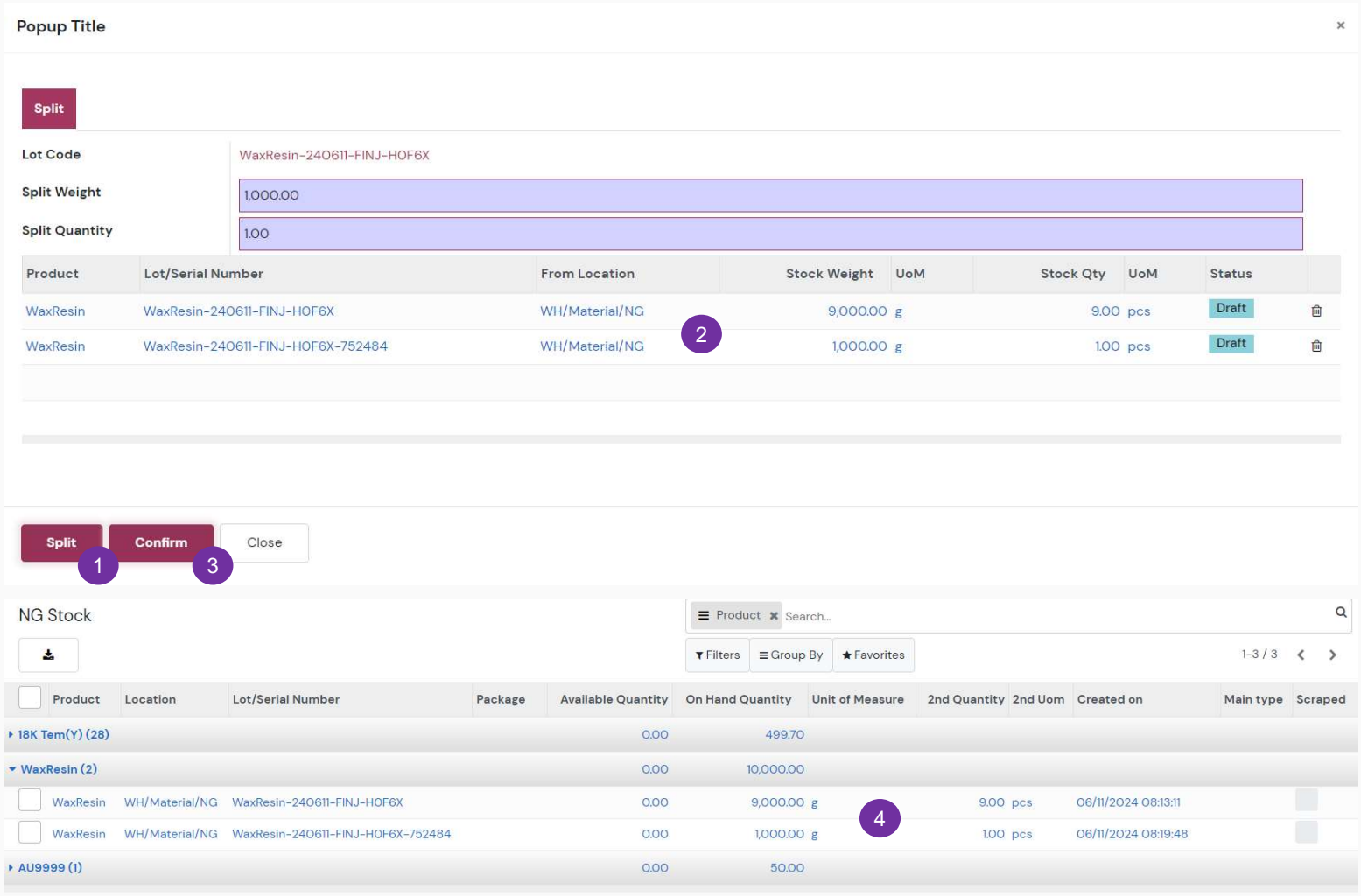
Step by Step:

1. Select the checkbox to the left of the material you want to split.
2. Press the “Split” button in the menu displayed when the check box is selected to display a split window.
3. Enter the weight of the lot to be split.
4. Enter the quantity of lots to be divided.

WMS-Material

V. NG Stock

Inventory division of defective materials



Explain

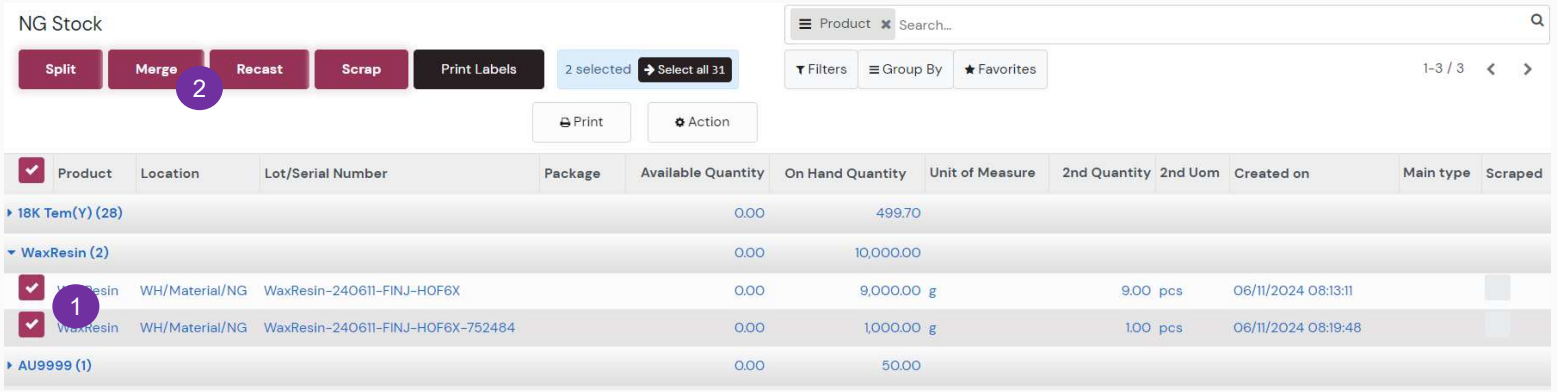
Step by Step:

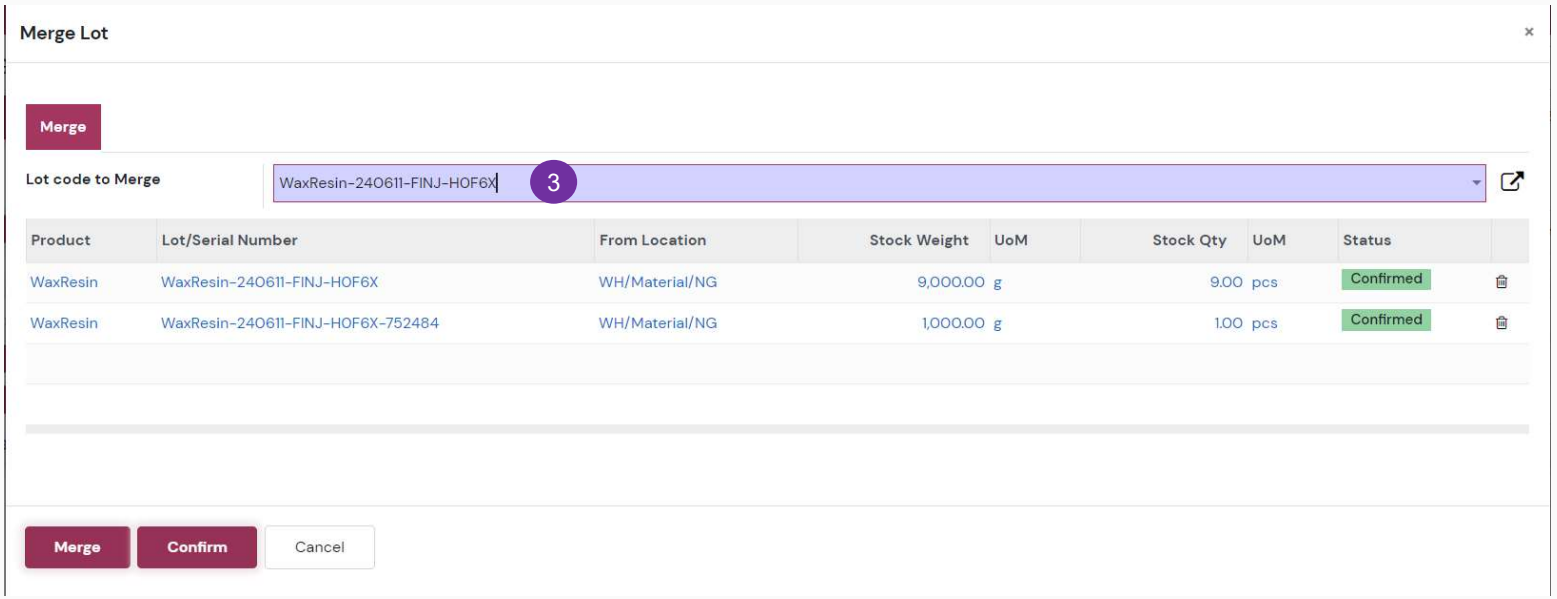
1. Split by pressing the “Split” button.
2. Display of segmented lot information.
3. Confirm by pressing the “Confirm” button.
4. Display segmented lot information in list window

WMS-Material

V. NG Stock

Inventory division of defective materials





Explain

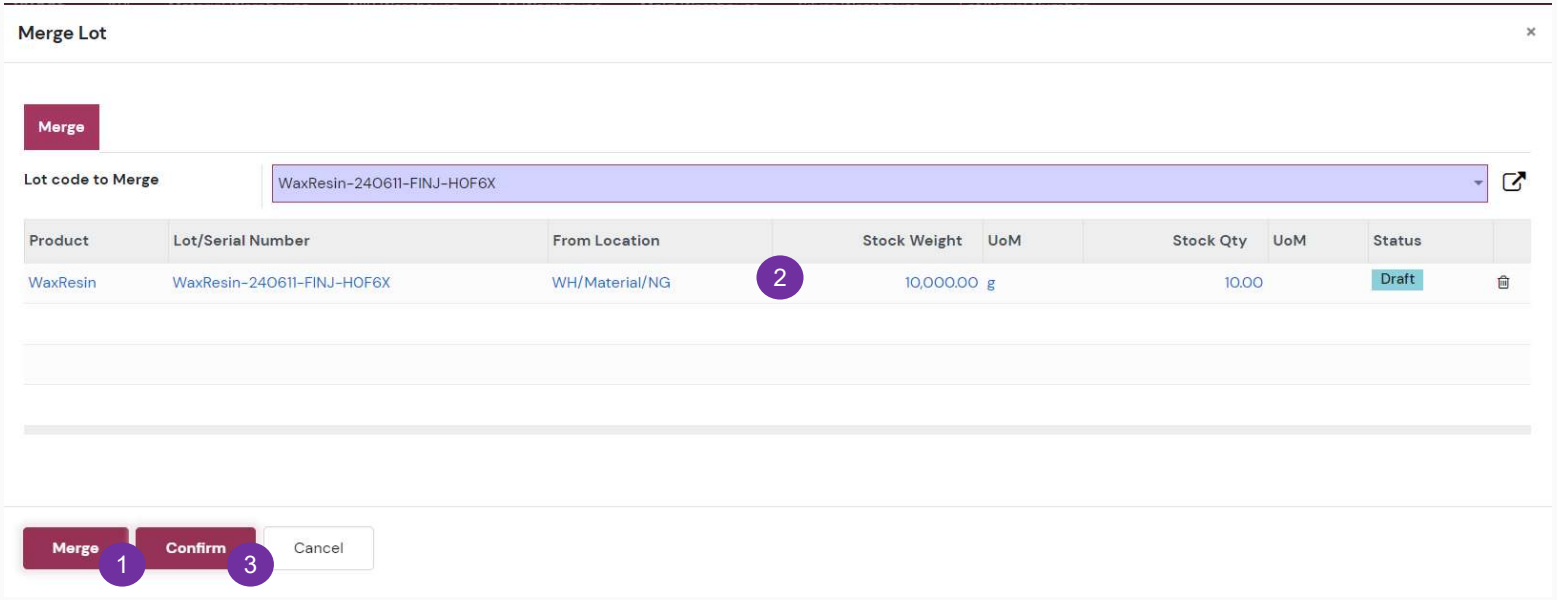
Step by Step:

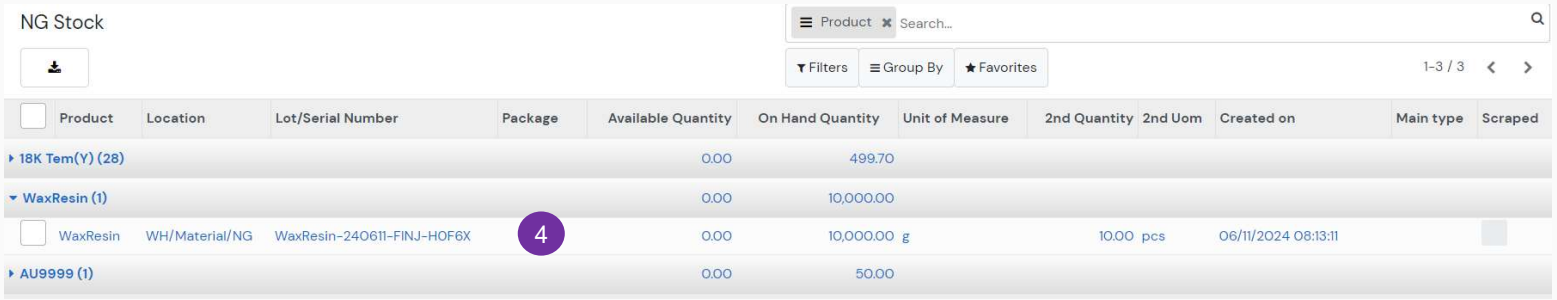
1. Select the checkbox to the left of the materials you want to merge.
2. Press the “Merge” button in the menu displayed when the check box is selected to display the merge window.
3. Post-merging lot selection of materials to be merged.

WMS-Material

V. NG Stock

Inventory division of defective materials





Explain

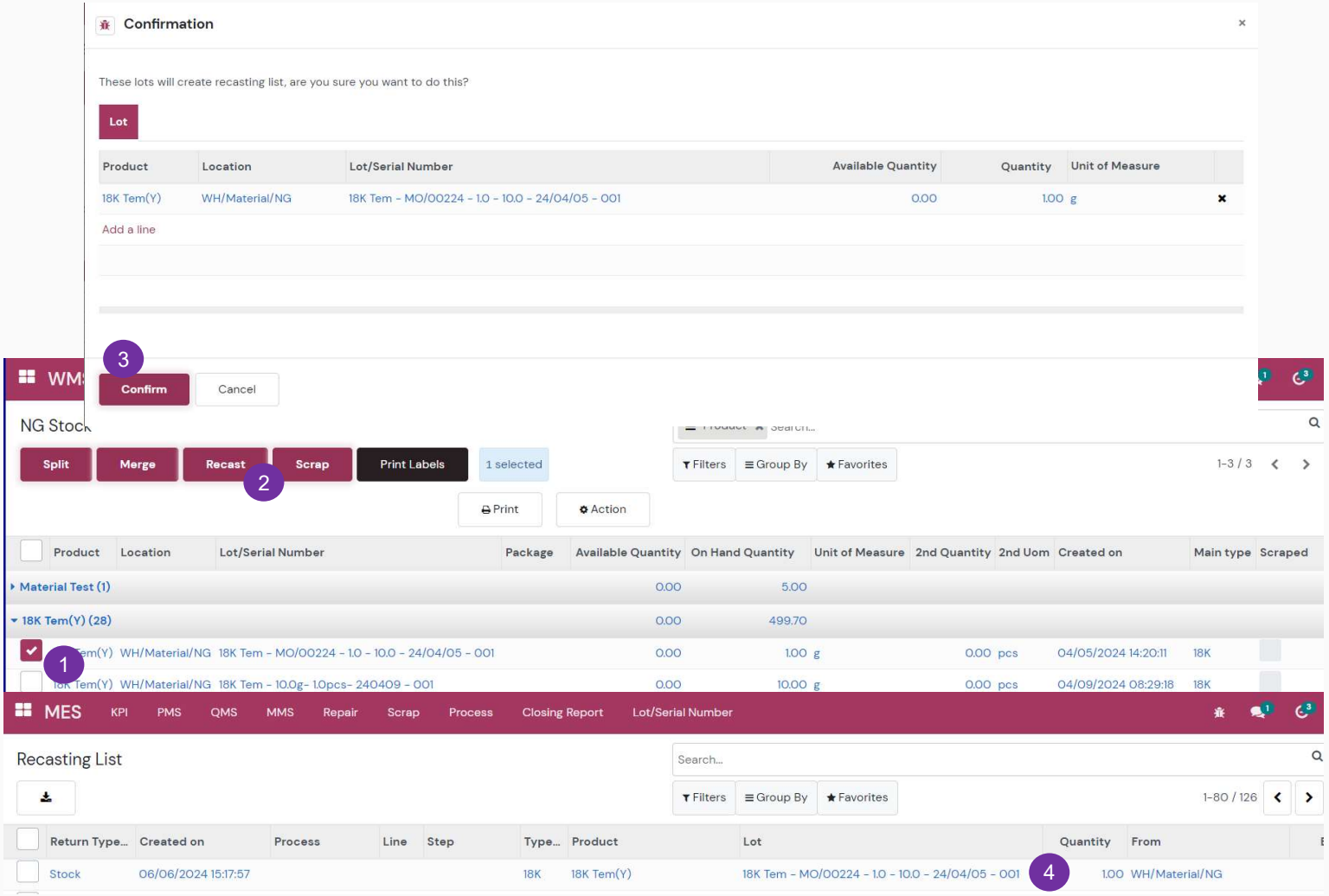
Step by Step:

1. Click the “Merge” button to execute.
2. Display merged lot information.
3. Confirm by pressing the “Confirm” button.
4. Display merged lot information in list window..

WMS-Material

V. NG Stock

Recasting of defective gold/silver material inventory



Explain

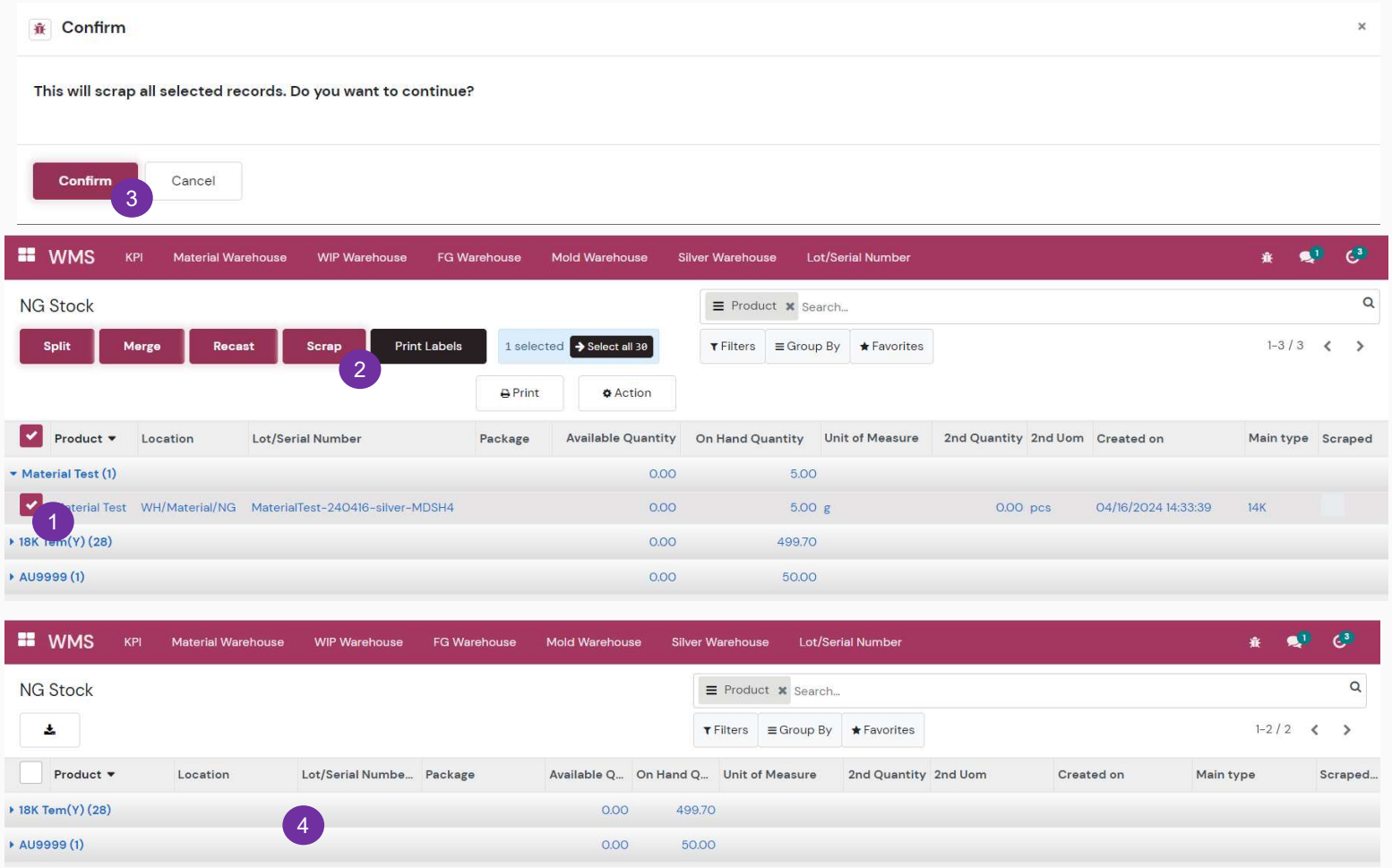
Step by Step:

1. Select the check box to the left of the gold/silver defective material to be recast.
2. Proceed by pressing the “Recast” button in the menu displayed when the check box is selected.
3. Confirm by pressing the “Confirm” button.
4. Display approved material list with MES > MMS > Recasting List.

WMS-Material

V. NG Stock

Disposal of defective material inventory



Explain

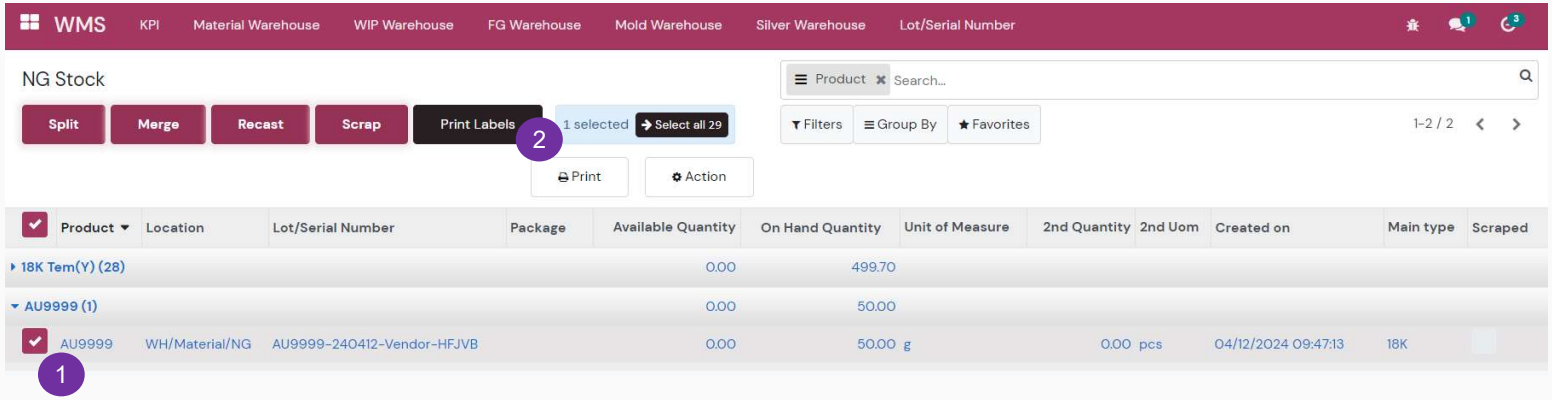
Step by Step:

1. Check the box to the left of the material you wish to dispose of.
2. Proceed by pressing the “Scrap” button in the menu displayed when the check box is selected.
3. Execute by pressing the “Confirm” button in the warning window.
4. Expunge material from NG Stock information.

WMS-Material

V. NG Stock

Print label



Explain

Step by Step:

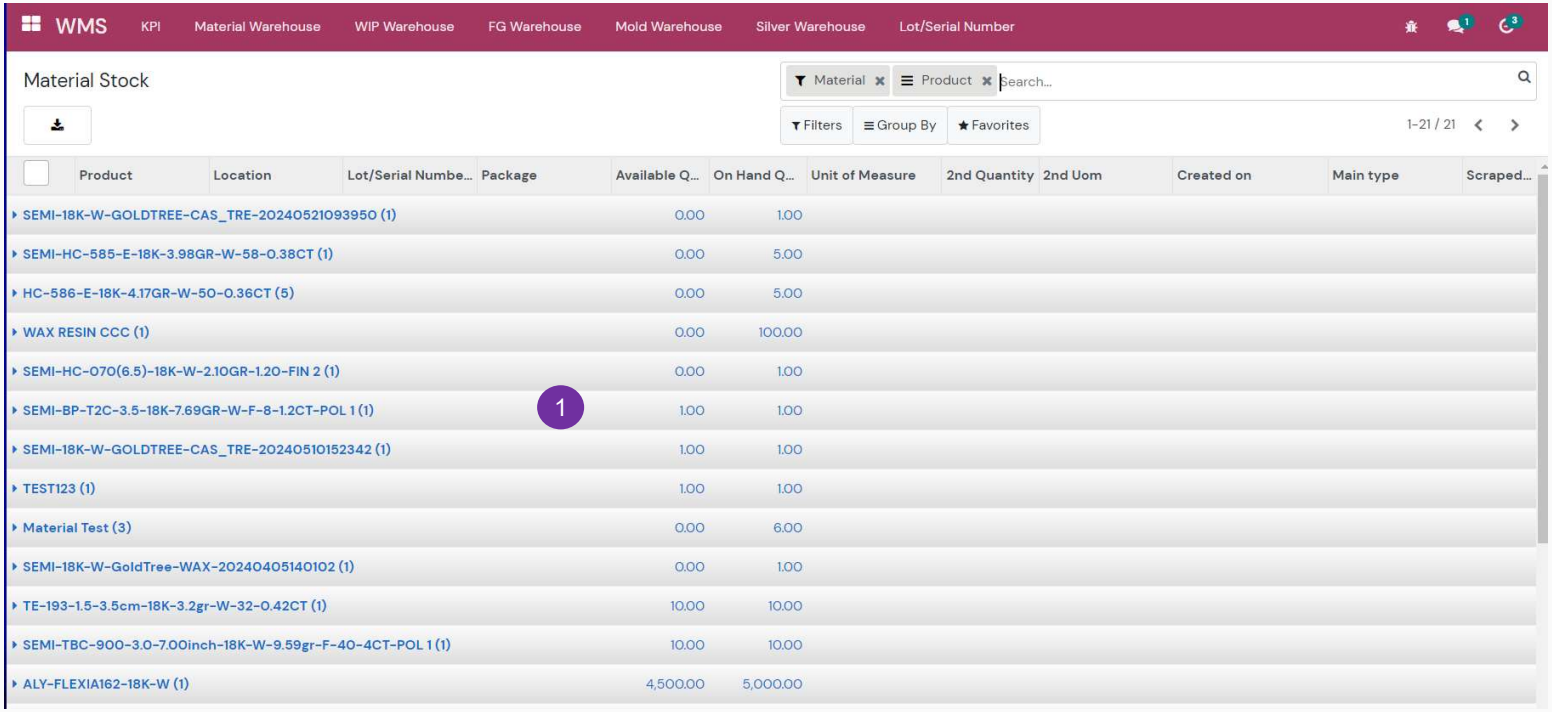
1. Select the check box to the left of the material you wish to print the label on.
2. Print by pressing the “Print Labels” button in the menu displayed when the check box is selected.

WMS-Material

Explain

VI. Stock

View stock material



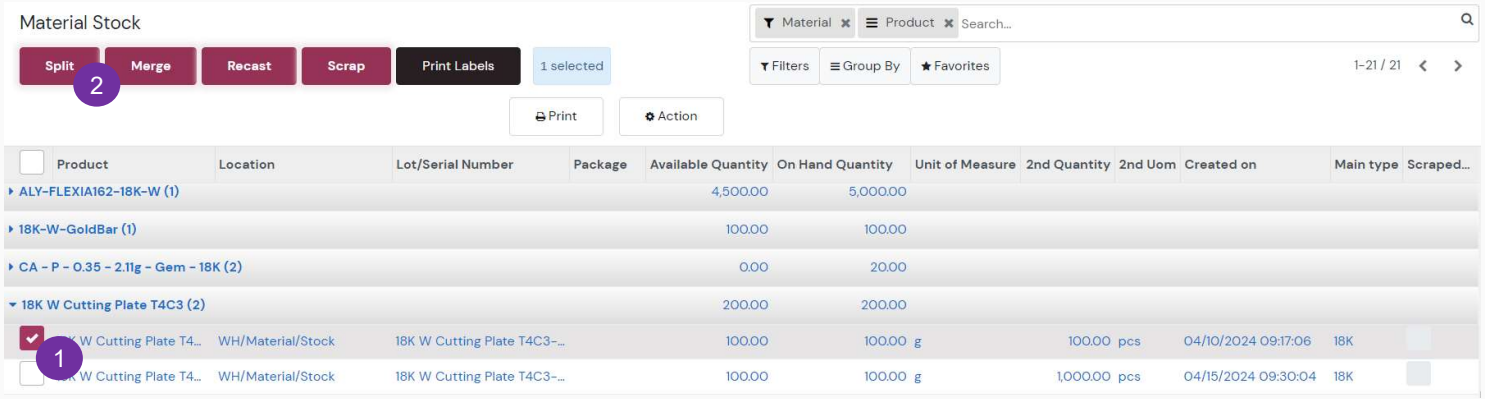
Step by Step:

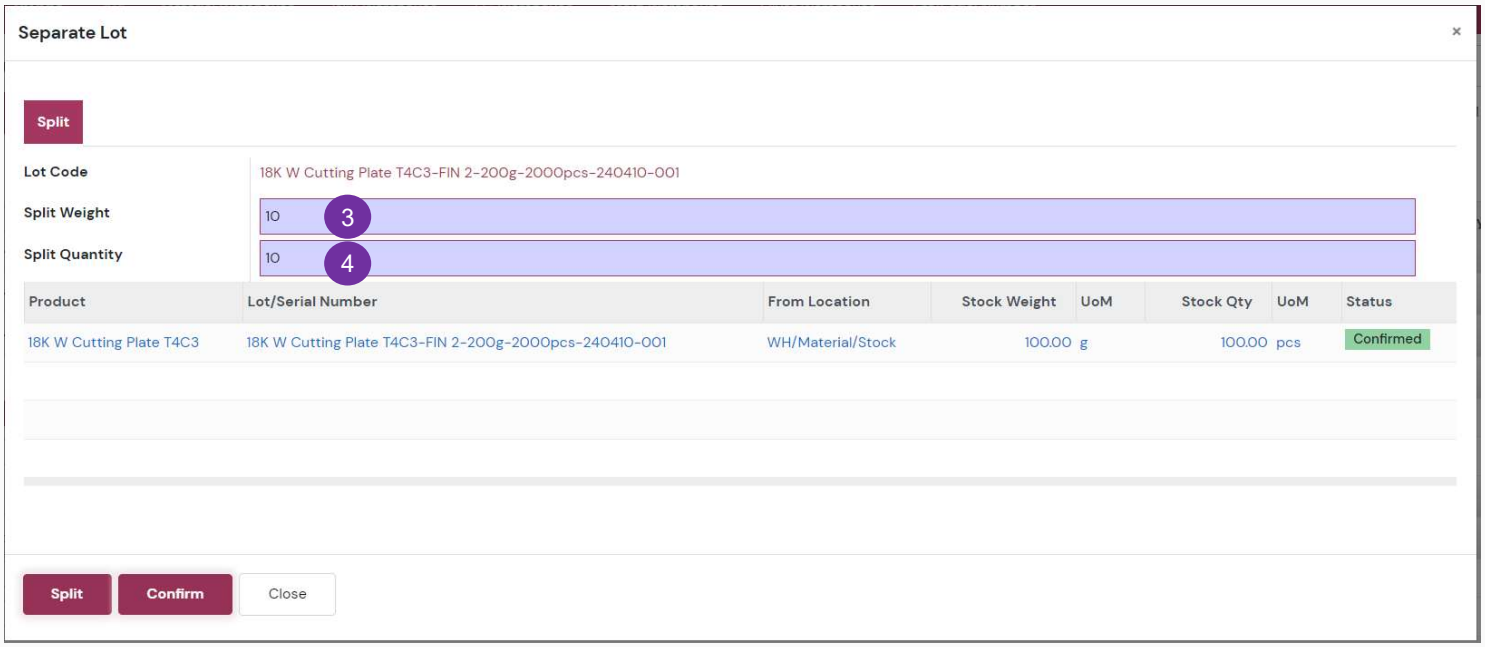
1. View to material

WMS-Material

VI. Stock

Material inventory division





Explain

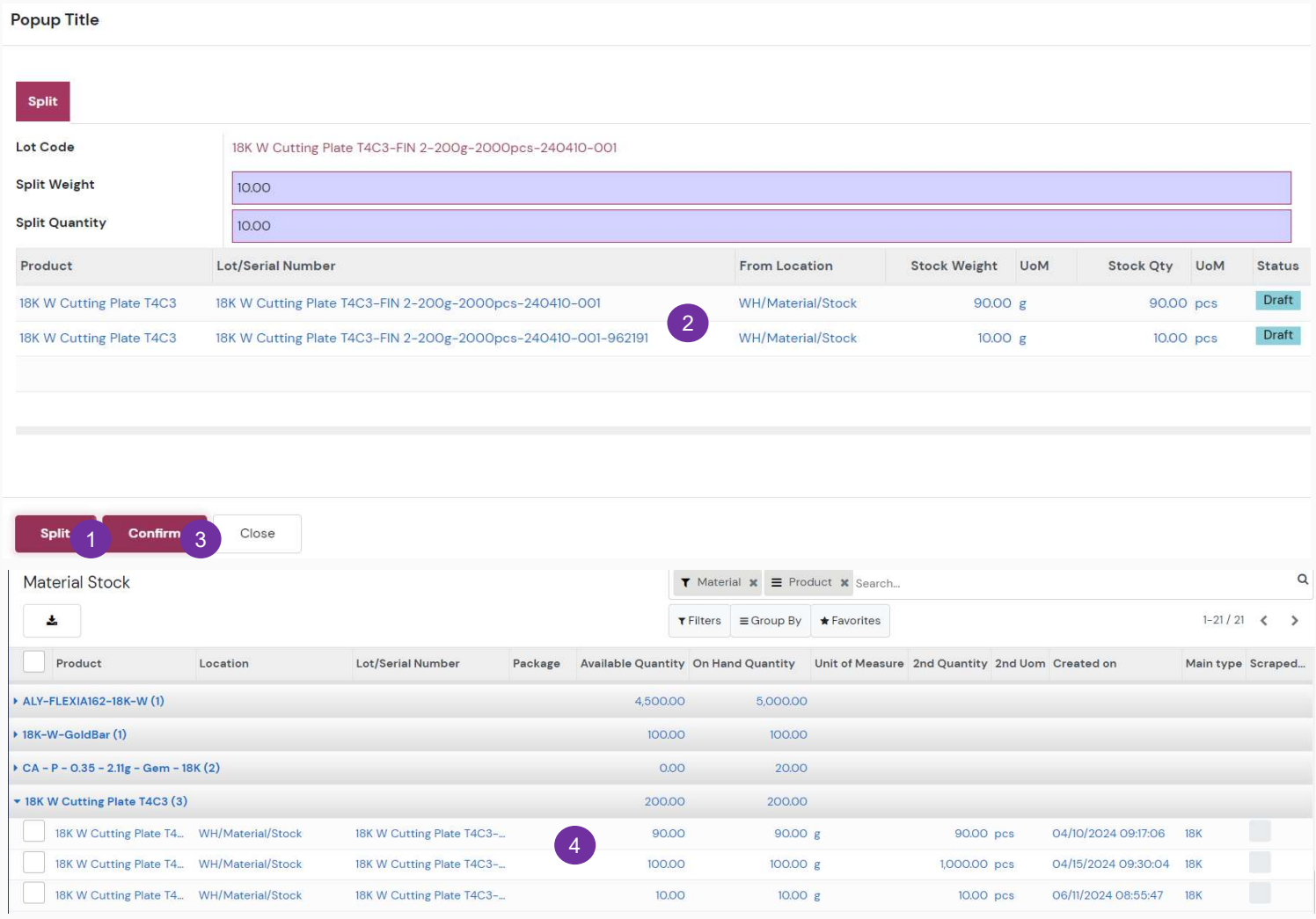
Step by Step:

1. Select the checkbox to the left of the material you want to split.
2. Press the “Split” button in the menu displayed when the check box is selected to display a split window.
3. Enter the weight of the lot to be split.
4. Enter the quantity of lots to be divided.

WMS-Material

VI. Stock

Material inventory division



Explain

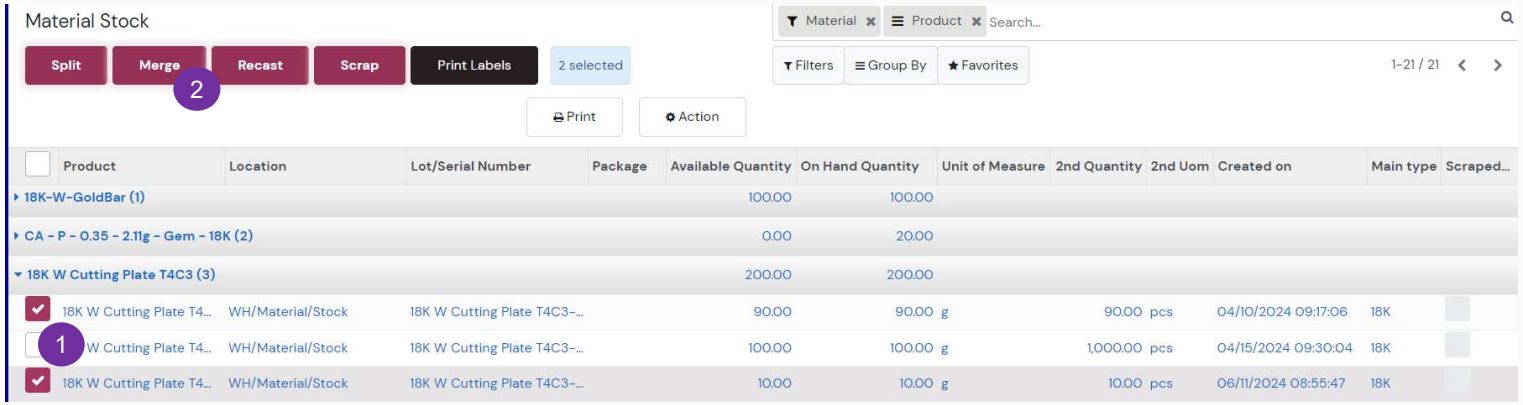
Step by Step:

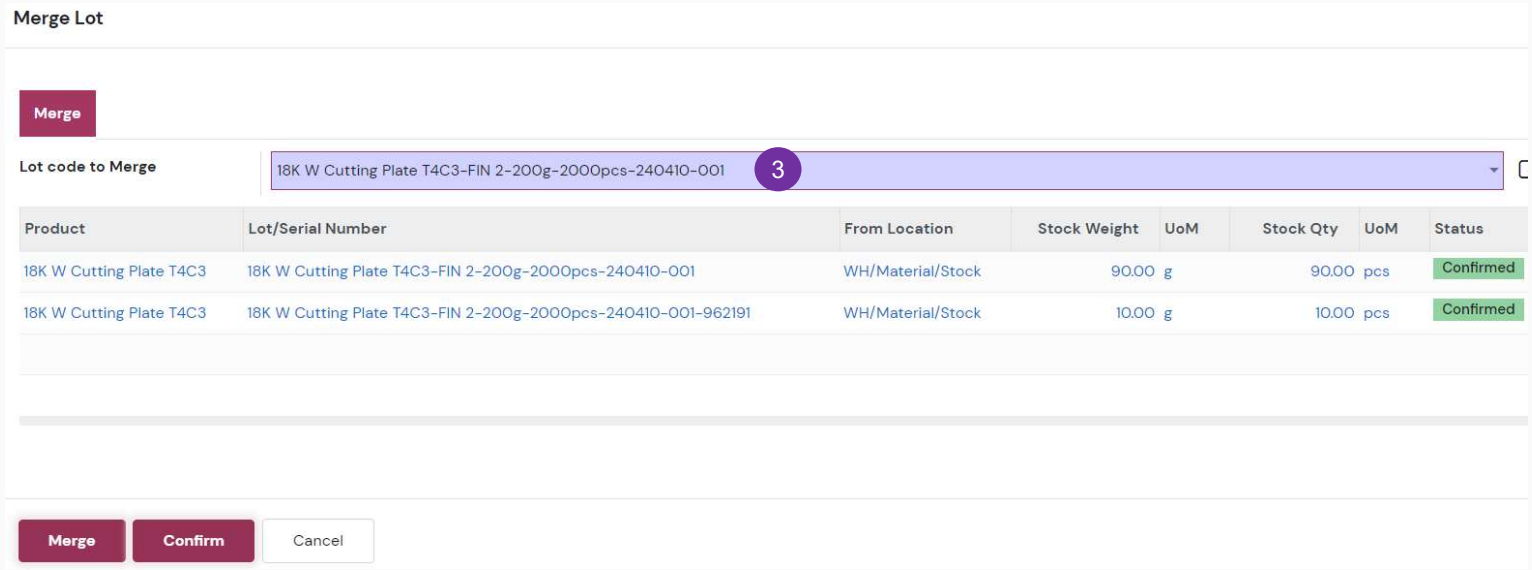
1. Split by pressing the “Split” button.
2. Display of segmented lot information.
3. Confirm by pressing the “Confirm” button.
4. Display segmented lot information in list window

WMS-Material

VI. Stock

Material inventory division





Explain

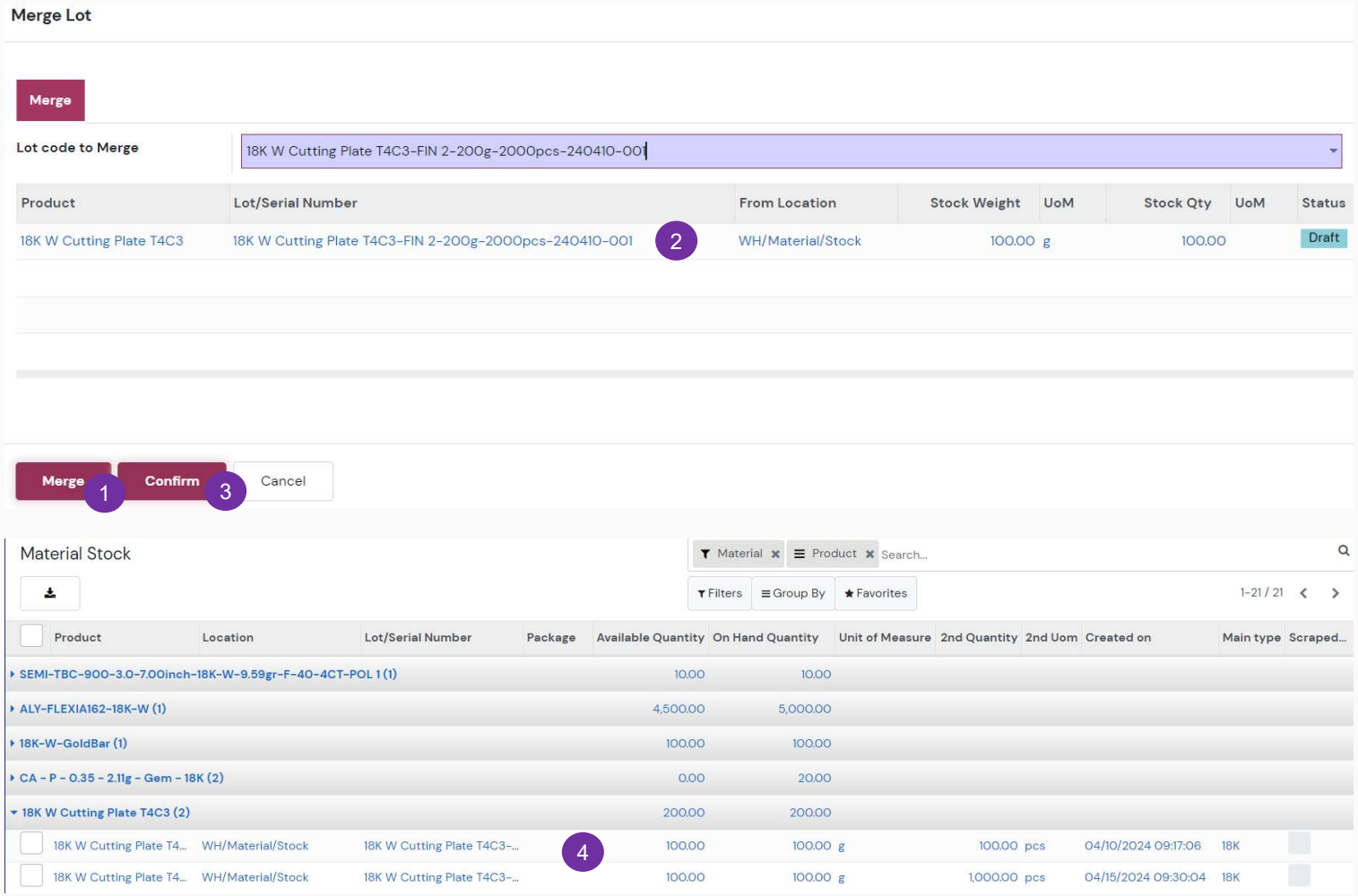
Step by Step:

1. Select the checkbox to the left of the materials you want to merge.
2. Press the “Merge” button in the menu displayed when the check box is selected to display the merge window.
3. Post-merging lot selection of materials to be merged.

WMS-Material

VI. Stock

Material inventory division



Explain

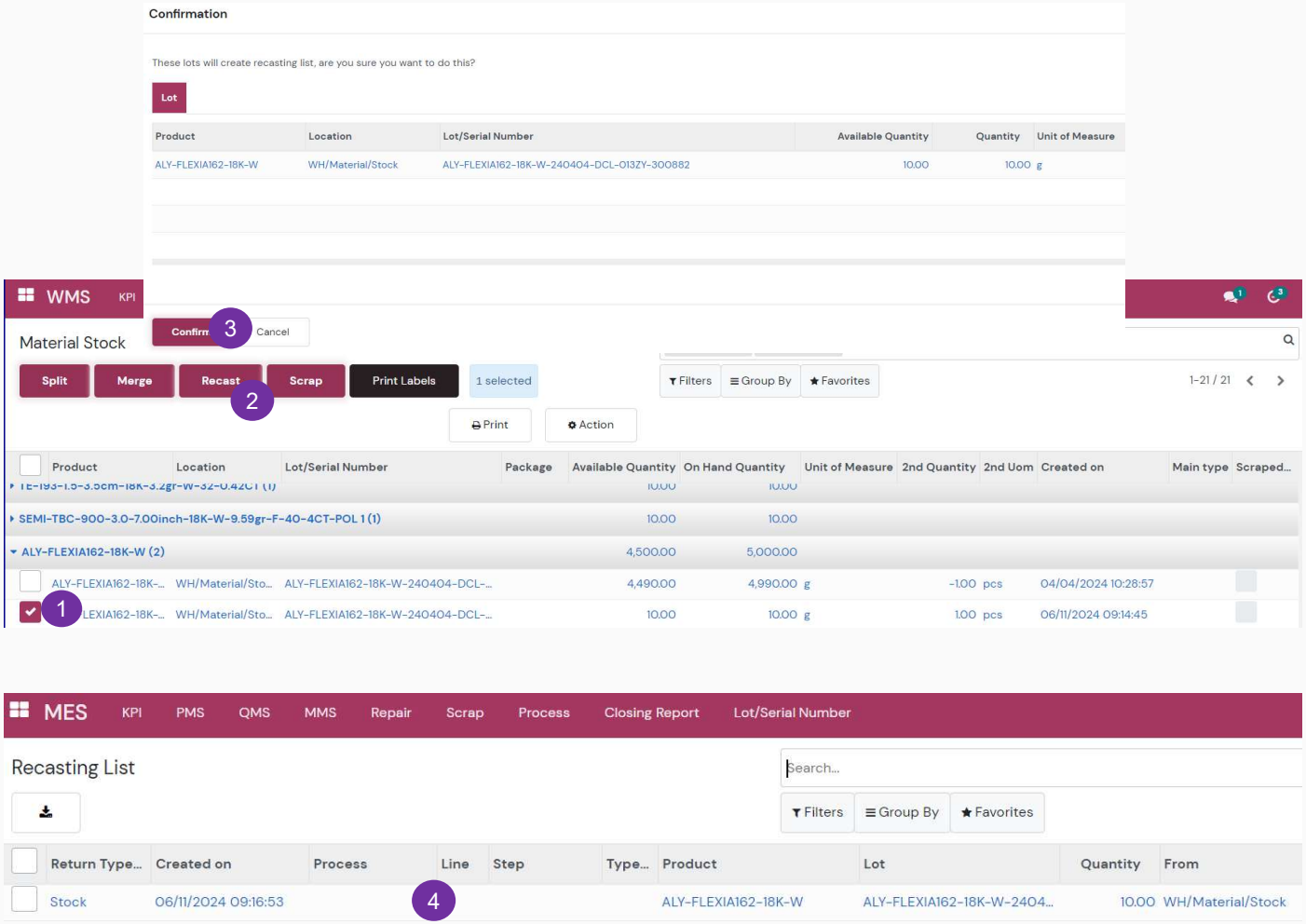
Step by Step:

1. Click the “Merge” button to execute.
2. Display merged lot information.
3. Confirm by pressing the “Confirm” button.
4. Display merged lot information in list window

WMS-Material

VI. Stock

Recast material inventory



Explain

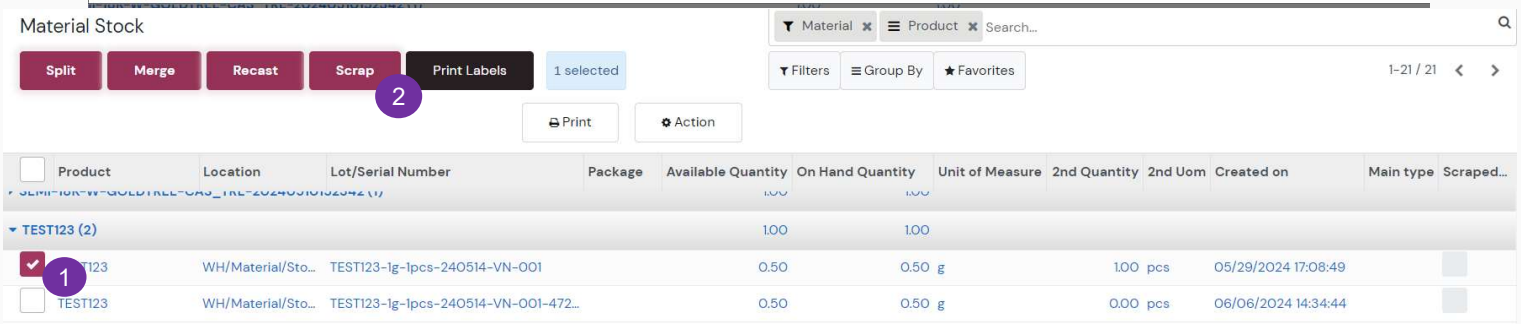
Step by Step:

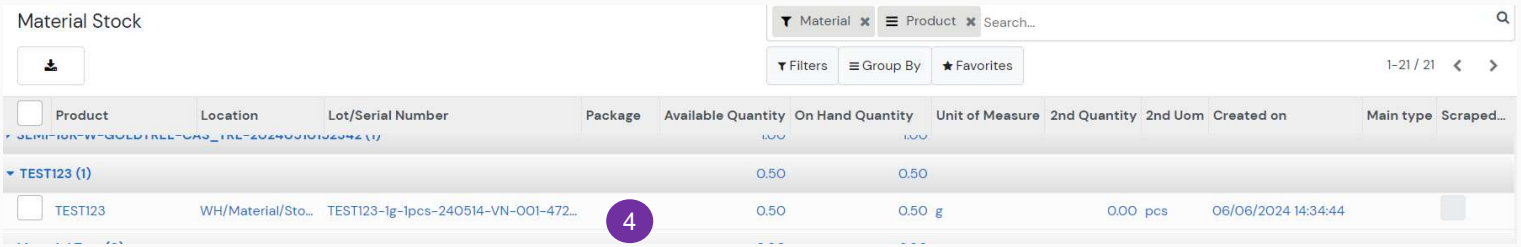
1. Select the checkbox to the left of the gold/silver material you wish to recast.
2. Proceed by pressing the “Recast” button in the menu displayed when the check box is selected.
3. Confirm by pressing the “Confirm” button.
4. Display approved material list with MES > MMS > Recasting List.

WMS-Material

VI. Stock

Disposal of defective material inventory





Explain

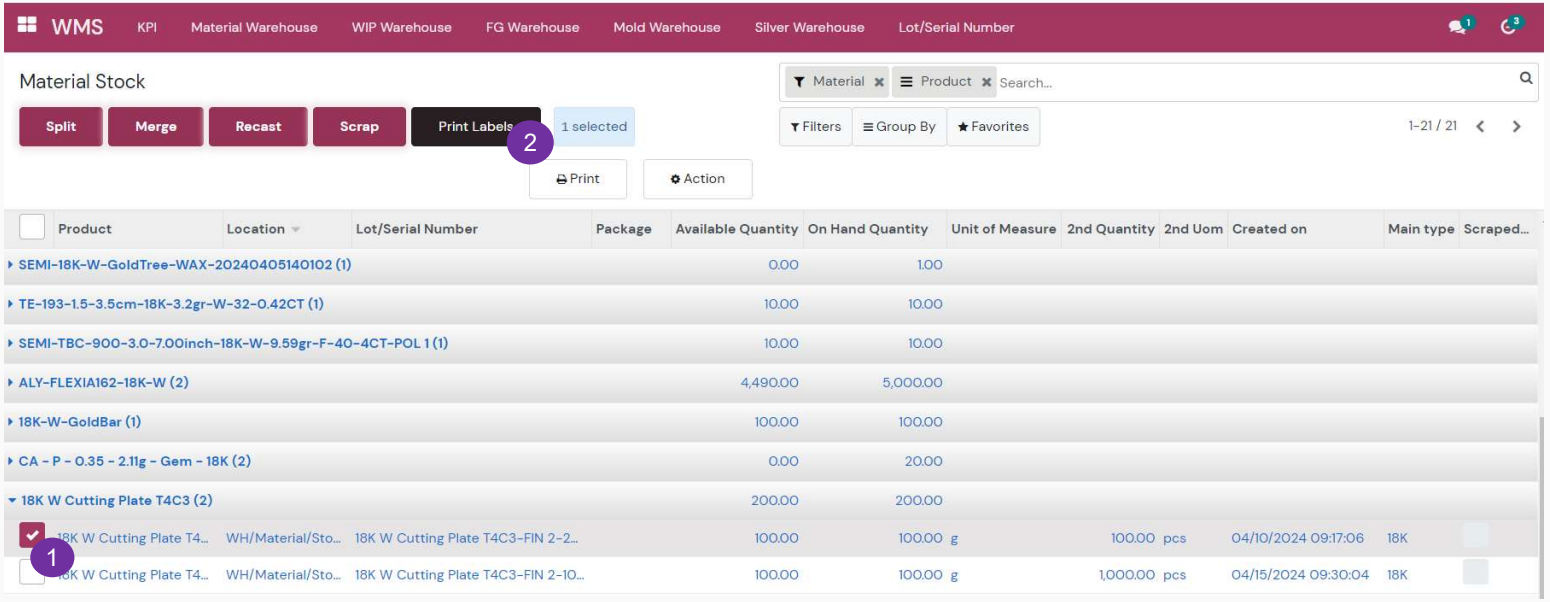
Step by Step:

1. Check the box to the left of the material you wish to dispose of.
2. Proceed by pressing the “Scrap” button in the menu displayed when the check box is selected.
3. Execute by pressing the “Confirm” button in the warning window.
4. Expunge material from stock information.

WMS-Material

VI. Stock

Print label



Explain

Step by Step:

1. Select the check box to the left of the material you wish to print the label on.
2. Print by pressing the “Print Labels” button in the menu displayed when the check box is selected..

Thank you for using

For Smart Factory

MES 3D

ERP + MES + SCADA