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| Test ScriptSAP S/4HANA - 17-09-20 | public |
| Scrapping in Warehouse (1G0\_DE) |

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# Purpose

In this process, you can decide to scrap goods that are currently stored in any of the storage types in the warehouse. The scrapping process can be initiated based on the expired shelf life of a stock item, or it can be triggered by discovering damaged goods in the warehouse in daily work.

For the first approach, you can search for expired stock items in the Warehouse Monitor. You then initiate the scrapping by creating the needed warehouse orders and tasks. The system supports scrapping for all storage types. Depending on the physical layout of the warehouse, the system automatically creates the warehouse orders and tasks and assigns them to the corresponding RF queues. The actual scrapping, including the financially relevant postings, are then either done manually or by means of a periodically scheduled program.

This document provides a detailed procedure for testing this scope item after solution activation, reflecting the predefined scope of the solution. Each process step, report, or item is covered in its own section, providing the system interactions (test steps) in a table view. Steps that are not in scope of the process but are needed for testing are marked accordingly. Project-specific steps must be added.

# Prerequisites

This section summarizes all prerequisites needed to conduct the test in terms of system, user, master data, organizational data, and other test data and business conditions.

## System Access

The test should be conducted with the following system:

|  |  |
| --- | --- |
| System | Details |
| S/4HANA OP | System ID:Client: |
| UI | Accessible via the SAP Fiori Launchpad. Your system administrator provides you with the URL to access the various apps assigned to your role. |

## Roles

Assign the following business roles to your individual test users. Alternatively, if available, you can create business roles using the following spaces with pages and predefined apps for the SAP Fiori launchpad and assign the business roles to your individual test users.

Note These roles or spaces are examples provided by SAP. You can use them as templates to create your own roles or spaces.

For more information about business roles, refer to Assigning business roles to a user in the [Administration Guide to Implementation of SAP S/4HANA with SAP Best Practices](https://help.sap.com/viewer/S4HANA2020_AdminGuide) .

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name (Role) | ID (Role) | Description (Space) | ID (Space) | Log On |
| Warehouse Clerk (EWM) | SAP\_BR\_WAREHOUSE\_CLERK | Warehouse Office | SAP\_BR\_WAREHOUSE\_CLERK\_EWM |  |
| Warehouse Operative (EWM) | SAP\_BR\_WAREHOUSE\_OPERATIVE\_EWM | Warehouse Floor | SAP\_BR\_WAREHOUSE\_OPERATIVE\_EWM |  |

## Master Data and Organizational Data

The organizational structure and master data of your company has been created in your system during activation. The organizational structure reflects the structure of your company. The master data represents materials, customers, and vendors, for example, depending on the operational focus of your company.

Use your own master data to go through the test procedure. If you have installed an SAP Best Practices baseline package, you can use the following sample data:

Material Master Data

|  |  |  |  |
| --- | --- | --- | --- |
| Data | Sample Value | Details | Comments |
| Material Master | EWMS4-01 |  | In Storage Type Y021 – Mezzanine |
| Material Master | EWMS4-02 |  | In Storage Type Y021 – Mezzanine |
| Material Master | EWMS4-03 |  | In Storage Type Y860 – Blocked Stock Area |
| Material Master | EWMS4-10 |  | In Storage Type Y011 – Narrow Aisle Storage Y051 – NA Picking Area |
| Material Master | EWMS4-11 |  | In Storage Type Y011 – Narrow Aisle Storage Y051 – NA Picking Area |
| Material Master | EWMS4-40 |  | In Storage Type Y041 – Bulk Storage A |
| Material Master | EWMS4-41 |  | In Storage Type Y041 – Bulk Storage A |
| Material Master | EWMS4-42 |  | In Storage Type Y042 Bulk Storage B Y052 Picking Area for Bulk Storage B |

Warehouse-specific Organizational Master Data

|  |  |  |  |
| --- | --- | --- | --- |
| Data | Sample Value | Details | Comments |
| Company Code | 1010 |  |  |
| Warehouse Number | 1010 |  |  |
| Ent. To Dispose | BP1010 |  |  |

Warehouse Storage Types:

|  |  |  |
| --- | --- | --- |
| Data | Sample Value | Details |
| Storage Type | Y001 | Narrow Aisle High Rack Hand-Over Point |
| Storage Type | Y011 | Narrow Aisle High Rack Pallet Buffer |
| Storage Type | Y021 | Mezzanine |
| Storage Type | Y042 | Bulk Storage B (No Partial Pallets) |
| Storage Type | Y051 | Narrow Aisle High Rack Picking Area (Large Parts) |
| Storage Type | Y052 | Picking Area for Bulk B (Fixed Bin) |
| Storage Type | Y840 | Scrapping |
| Storage Type | Y860 | Blocked Stock Area |

Warehouse-Specific Master Data for Scrapping Zone

|  |  |  |  |
| --- | --- | --- | --- |
| Data | Sample Value | Details | Comments |
| Storage Type | Y840 |  |  |
| Storage Section | YS00 |  |  |
| Storage Bin | SCRAP-ZONE |  |  |

Queues and Resources

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Product | Storage Type | Queue | Resource | Comments |
| Direct moves to the Scrapping Zone | EWMS4-01, EWMS4-02 | Y021 | YS-021-840 | YMEZZ-1 | Mezzanine to Scrapping |
|  | EWMS4-03 | Y860 | YS-860-840 | YLLTR-1 | Blocked Stock Area to Scrapping |
|  | EWMS4-10, EWMS4-11 | Y051 | YS-N01-840 | YLLTR-1 | NA Pick. Area Aisle 01 to Scrapping |
|  | EWMS4-10, EWMS4-11 | Y051 | YS-N02-840 | YLLTR-1 | NA Pick. Area Aisle 02 to Scrapping |
|  | EWMS4-40 | Y041 | YS-041-840 | YLLTR-1 | Bulk Storage A to Scrapping |
|  | EWMS4-41 | Y041 | YS-041-840 | YLLTR-1 | Bulk Storage A to Scrapping |
|  | EWMS4-42 | Y042 Y052 | YS-042-840 or YS-052-840 | YLLTR-1 | Bulk Storage B to Scrapping or Picking Area for Bulk B to Scrapping |
| Moves of pallets to be scrapped to the Handover Points (1st step) | EWMS4-10, EWMS4-11 | Y011 | YO-N01-001 | YHLTR01-1 | Narrow Aisle, Aisle 01, to Handover Point |
|  | EWMS4-10, EWMS4-11 | Y011 | YO-N02-001 | YHLTR02-1 | Narrow Aisle, Aisle 02, to Handover Point |
| Moves from the Handover Points to the Scrapping Zone (2nd step) | EWMS4-10,EWMS4-11 | Y001 | YS-001-840 | YLLTR-1 | Narrow Aisle Handover Point to Scrapping |

## Business Conditions

The business process described in this Test Script is part of a larger chain of integrated business processes or scope items. As a result, you must have completed the following processes and fulfilled the following business conditions before you can start any activities in this scope item:

|  |  |  |
| --- | --- | --- |
|  | Business Condition | Comment |
| 1 | 1FS - Basic Warehouse Inbound Processing from Supplier | You have set up inbound process and ran through it, which is the prerequisite to create stock in the warehouse. |

## RFUI Handling – Verification

During the execution of various warehouse tasks (putaway, picking or internal movement etc.) using the RFUI environment, there are steps to ‘verify’ certain values, such as Destination Bin, Packaging Material or Handling Units. To execute this kind of steps, copy the value to be verified and paste into the verification field next to the original value field, and choose Enter to confirm.

## Preliminary Steps

The following steps are necessary to create stock with expiration date, which can be scrapped later.

### Create Stock with Expiration Date for Variant (Scrapping Due to Expired BBD Date)

Use

You use this step to perform an inbound process for products to be put away into the warehouse with expiration date.

In inbound processing, the BBD (Best-Before Date) can be entered in different ways:

1. Enter the expiration date during the creation of inbound delivery with reference to a purchase order.
2. Enter the expiration date during receiving when the HU is created in the RF UI.

The date is not reflected in the inbound delivery item but in the stock.

1. Enter the expiration date by changing stock attributes in the Warehouse Monitor.

Of all three alternatives, option 2 is regarded as the most commonly used business practice.

Procedure

Alternative 1:

1. Perform the following processes before proceeding to the next:

For all the products, run the test script of Basic Warehouse Inbound Processing from Supplier (1FS), and stop after finishing the Create Inbound Delivery (VL31N) chapter.

1. Open App Maintain Inbound Deliveries.Choose Home on top of the screen to open All My Apps list. In the App list, choose EWM – Inbound Processing (Basic) and then choose Maintain Inbound Deliveries Find the Inbound Delivery created just now and choose Change to edit the Inbound Delivery. For each line items, enter the BBD date (a date in the future, for example, 30 days from the time of entry) date in the Best-Before Date field in the Product section. Take a note of the Best Befo Date.
2. Save the inbound delivery.

Alternative 2:

1. Perform the following processes before proceeding to the next:
	* For all the products run the test script of Basic Warehouse Inbound Processing from Supplier (1FS) and finish chapters Create Purchase Order and Create Inbound Delivery. For different products, follow instructions as below to continue with respective chapters:
	* for product EWMS4-01 or EWMS4-02, go to chapter Putaway to the Mezzanine – Process Goods Receipt and stop at step 6
	* for product EWMS4-10 or EWMS4-11, go to chapter Putaway to the High Rack Narrow Aisle – Process Goods Receipt and stop at step 6
	* for product EWMS4-40, EWMS41 or EWMS4-42, go to chapter Putaway to the Bulk Storage – Process Goods Receipt and stop at step 6
2. In the RF interface, enter the BBD date (a date in the future, for example, 30 days from the time of entry) in the BBD field. Take a note of the expiration date.
3. Proceed with the subsequent steps to post GR and perform final putaway.

Alternative 3:

1. Open App Warehouse Monitor (/SCWM/MON) .
2. In the Warehouse Monitor, double-click node Stock and Bin > Stock Overview .

A dialog box appears.

1. On the /SCWM/SAPLSTOCK\_OVERVIEW\_MON selection screen, search with the following searching criteria:

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Description | User Action and Values | Comment |
| Storage Type |  | Storage Type | For example, Y011, Y051 |
| Storage Bin |  | Storage Bin |  |
| Product |  | Product number | For example, EWMS4-01, -02, -10,-11 |

1. Choose Execute (F8).
2. Select one of the entries displayed, and then choose Physical Stock.
3. In the Physical Stock section of the screen, select the entry and then choose More Methods > Change Attributes .
4. In the Change Attributes screen, enter a date (a date in the future, for example, 30 days from the time of entry) in the Shelf Life Exp. Date field.
5. Choose Execute (F8).
6. Now the BBD has been entered for the stock. Check the field Expiration of the entry.

Result

You will later use this date for selection of stock.

After completing the processes above, stock with expiration date is available in the warehouse.

### Set User Parameters for Warehouse Number and Warehouse Monitor

Context

In this step, you set up user parameter for warehouse number and warehouse monitor. As the browser always creates new backend connections for new browser windows, the usage of SET/GET parameters is limited.

Therefore it is strongly recommended to set the following user parameters in your user master data. See more information in note 2348923 .

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Log on to the SAP Fiori launchpad as a Warehouse Clerk (EWM). | The SAP Fiori launchpad is displayed. |  |
| 2 | Access the App | Choose Warehouse Monitor (/SCWM/MON) . |  |  |
| 3 | Switch off the Dialog Box | Choose Cancel to close the Warehouse Management Monitor dialog box.Due to the limitation mentioned in note 2348923 , the default warehouse number and warehouse monitor cannot be saved here for the SAP Fiori launchpad. |  |  |
| 4 | Choose Menu | Choose Start SAP Easy Access.In the SAP Menu, choose Tools > Administration > User Maintenance > Users . |  |  |
| 5 | Enter User Name | On the User Maintenance: Initial view, enter your user name.Choose Change. |  |  |
| 6 | Set User Parameters | Choose the Parameters tab page and make the following entries for warehouse number.Set/Get parameter ID : /SCWM/LGNParameter value: 1010On the 2nd line, make another parameter settings for warehouse monitor:Set/Get parameter ID : /SCWM/MONParameter value: YE01Choose Save.Note Set the default value for warehouse number and warehouse monitor. |  |  |

# Overview Table

The following variants are available for executing the scrapping process:

If your system administrator has enabled spaces and pages on the SAP Fiori launchpad, the homepage will only contain the essential apps for performing the typical tasks of a business role.

You can find all other apps not included on the homepage using the search bar.

If you want to personalize the homepage and include the hidden apps, navigate to your user profile and choose Settings > App Finder .

Table 1: Variant A: Scrapping Due to Expired BBD/SLED

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step, Report or Item | Business Role | Transaction/App Name | Expected Results |
| [Select Stock to Be Scrapped](#unique_12) [page ] 13 | Warehouse Clerk (EWM) | Warehouse Monitor (/SCWM/MON) | The system navigates to App Create Posting Changeswhere the selected stock with the expired BBD/SLED is displayed. |
| [Create Posting Change with Warehouse Tasks](#unique_13) [page ] 15 | Warehouse Clerk (EWM) | Create Posting Changes (/SCWM/MONNAV\_CR\_PC) | The system has changed the stock type to Scrapping from Warehouse (S6).Additionally, warehouse tasks were created to move the stock to the scrap zone. |
| [Move Stock to Handover Point](#unique_14) [page ] 17 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | The warehouse tasks are confirmed.The scrap stock is now at the handover point. |
| [Move Stock to the Scrapping Zone](#unique_15) [page ] 19 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | The warehouse tasks are confirmed.The stock to be scrapped is now at the scrapping zone. |
| [Empty Scrapping Zone and Post Goods Issue](#unique_16) [page ] 35 | Warehouse Clerk (EWM) | Post Goods Issue - Unplanned (/SCWM/ADGI) | The unplanned goods issue is posted.The scrap zone is empty.The stock is decreased. |

Table 2: Variant B: Scrapping Due to Damaged Stock

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step, Report or Item | Business Role | Transaction/App Name | Expected Results |
| [Overview Table](#unique_11) [page ] 11maged Stock | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | The warehouse tasks are created and confirmed.The scrap stock is now in the scrap zone. |
| [Scrap from Mezzanine](#unique_17) [page ] 22 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | The warehouse tasks are created and confirmed.The scrap stock is now in the scrap zone. |
| [Move Stock to Handover Point](#unique_18) [page ] 26 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | The warehouse tasks are created and confirmed.The scrap stock is now in the scrap zone. |
| [Move Stock from Handover Point to Scrapping Zone](#unique_19) [page ] 28 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | The warehouse tasks are created and confirmed.The scrap stock is now in the scrap zone. |
| [Scrap from Bulk Storage A and Bulk Storage A](#unique_20) [page ] 30 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | The warehouse tasks are created and confirmed.The scrap stock is now in the scrap zone. |
| [Scrap from Bulk Storage B Picking Area](#unique_21) [page ] 32 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | The warehouse tasks are created and confirmed.The scrap stock is now in the scrap zone. |
| [Scrap from Blocked Stock Area](#unique_22) [page ] 34 | Warehouse Clerk (EWM) | Post Goods Issue - Unplanned (/SCWM/ADGI) | The unplanned goods issue is posted.The scrap zone is empty.The stock is decreased. |

# Test Procedures

## Alternative 1: Scrapping Due to Expired BBD/SLED

### Select Stock to Be Scrapped

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | Duration | Enter a duration. |

Context

The warehouse clerk selects the stock with expired BBD/SLED that should be scrapped.

Prerequisite

The stock with expired BBD/SLED must exist in your warehouse. For this, you can use the processes as described in the preliminary steps of this document.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Clerk (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Warehouse Monitor (/SCWM/MON) . | The Warehouse Management Monitor screen is displayed. |  |
| 3 | Enter Selection Data | On the Warehouse Management Monitor selection screen, make the following entries:* Warehouse Number: 1010
* Monitor: SAP

Choose Execute (F8). |  |  |
| 4 | Post Scrapped Stock | On the Warehouse Management Monitor YE01 Warehouse Number1010 screen, choose Stock and Bin > BBD/SLED Overview .A dialog box appears.On the /SCWM/SAPLSTOCK\_OVERVIEW\_MON selection screen, make the following entries:Product: Product NumberSelect a product from the material table in the chapter Master Data and Organizational Data.Best-Before Date: DateChoose a date later than the expiration date of the stock to be scrapped.Choose Execute.As a result, the stock with expiration date is listed.Select a stock item to be scrapped and then choose More Methods > Post stock . | The system navigates to App Create Posting Changes where the selected stock with expired BBD/SLED is displayed. |  |

### Create Posting Change with Warehouse Tasks

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | Duration | Enter a duration. |

Customer project: Fill in the project-specific parts.

Context

The warehouse clerk creates posting changes with warehouse tasks for the stock to be scrapped.

Prerequisite

The stock with expired BBD/SLED is in your warehouse. For this, you can use an inbound process or an initial stock upload.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Stay at the same Fiori Launch pad screen of the last chapter Selecting Stock to be Scrapped. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App |  |  |  |
| 3 | Posting change | In the previous step you have navigated from the Warehouse Monitor into this transaction. On the Posting Change for Warehouse Number1010 screen, select the lines of your choice, and then choose Mass Change. | A dialog box appears. |  |
| 4 | Enter Warehouse process type | In the dialog box, make the following entries:Select PostChgTotalQty checkboxCheckbox must be selected because you are to scrap the whole quantity after the expiration date.Whse Proc. Type Y420.Choose Continue (Enter).Choose Create + Save Posting Change. | The following system message appears: Storage type or storage bin set according to warehouse process type Y420. |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Queue | Resource | Product | Comments |
| Moves of pallets to be scrapped to the Handover Points (1st step) | YO-N01-001 | YHLTR01-1 | EWMS4-10, EWMS4-11 | Narrow Aisle, Aisle 01, to Handover Point |
| YO-N02-001 | YHLTR02-1 | EWMS4-10, EWMS4-11 | Narrow Aisle, Aisle 02, to Handover Point |
| Moves from the Handover Points to the Scrapping Zone (2nd step) | YS-001-840 | YLLTR-1 | EWMS4-10, EWMS4-11 | Narrow Aisle Handover Point to Scrapping |

In the status bar, a message confirming the creation of a warehouse order appears. Note the number of the created warehouse order.

Note:

Ath the point of time, the system has created warehouse tasks and automatically confirmed them to change the stock type of the stock to S6. Additionally, it has created warehouse orders to move the stock to the following:

* Scrapping Zone, if the scrapping takes place from storage type Y021,Y041, Y042, Y051 or Y052, skip step Move Stock to Handover Point and go directly to step 4.1.4 Move Stock to the Scrapping Zone .
* Handover Point, if the scrapping takes place from storage type Y011, proceed with step 4.1.3 Move Stock to Handover Point .

Use the Warehouse Monitor to display the warehouse order created, and take a note of the RF queues.

### Move Stock to Handover Point

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | Duration | Enter a duration. |

Context

The warehouse worker confirms the created warehouse order using RF after moving the stock to the handover point.

Prerequisite

The warehouse order was created and the transport of the stock with expired BBD/SLED to the handover point is complete.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Test RF Environment (/SCWM/RFUI) . | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Warehouse No: 1010Resource: YHLTR01-1 or YHLTR02-1Check the product/storage type/resource matrix table in the Master Data, Organizational Data and Other Data chapter.DefPresDvc: YE00Choose Enter. |  |  |
| 4 | Choose Menu | Choose menu 01 System-Guided Selection > 02 System-guided By Queue .It may occur that in the System-Guided Selection, other warehouse tasks appear instead of the expected task. In this case, you can follow the path 02 Manual Selection > 01 Selection by WO and enter the corresponding WO number in the Whse Order field to process the task. |  |  |
| 5 | Enter Quere name | On the following screen, make the following entries:QueueFor example, YO-N01-001Queue for Transferring the HU from the source storage type to the handover point.Choose Enter.On the displayed screen, where the WO number (check whether this is yours), Activity Area, Pick-HU and Packaging Material are displayed, do not make any entries.Choose F4 Next. |  |  |
| 6 | Verify the Souce HU | On the following screen, make the following entries:SrceHUVerification: Confirm the Source Storage Bin.AQtyVerification: Enter the target quantityChoose Enter. |  |  |
| 7 | Verify Destination Bin | Verify destination binDestination Storage BinFor example, 001.##.##Verification: Confirm the displayed destination bin in the validation field next to the display field.Choose Enter. | The system may issue a message Suitable warehouse order were not found in case you only have this WO in the RF queue. |  |
| 8 | Save and logoff | Choose F7 to go back.Choose F1 Logoff.Choose F1 Save. | The warehouse order is confirmed and the scrap stock is now at the handover point. A follow-up warehouse order has been created to move the stock from the handover point to the scrapping zone. The follow-up warehouse order can be searched in the warehouse monitor via path Documents > Warehouse Order with the queue of the follow-up WO and WPT Y420. |  |

### Move Stock to the Scrapping Zone

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | Duration | Enter a duration. |

Context

The warehouse worker confirms the created warehouse order using RF after transporting the stock to the scrapping zone.

Prerequisite

The warehouse order was created and the transport of the stock with expired BBD/SLED to the scrapping zone is complete.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Test RF Environment (/SCWM/RFUI) . | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010Resource: ResourceNote:for resource to use, refer to theQueues and Resources table in 2.3 Master Data and Organizational DataDefPresDvc: YE00Choose Enter.It may occur that in the System-Guided Selection, other warehouse tasks appear instead of the expected task. In this case, you can follow the path 02 Manual Selection > 01 Selection by WO and enter the corresponding WO number in the Whse Order field to process the task. |  |  |
| 4 | Choose Menu | Choose menu 01 System-Guided Selection > 02 System-guided By Queue . |  |  |
| 5 | Enter Quere name | On the following screen, make the following entries:QueueQueues for transferring HUs to the scrapping zone.Note:for resource to use, refer to theQueues and Resources table in 2.3 Master Data and Organizational Data |  |  |
| 6 | Verify the Source HU | On the following screen, make the following entries:SrceHUVerification: Confirm the displayed source HU in the validation field next to the display field.Choose Enter. |  |  |
| 7 | Verify Destination Bin | Verify destination binSCRAP-ZONE.Verification: Confirm the displayed destination bin in the validation field next to the display field. | The system may issue a message "Suitable warehouse order were not found" in case you only have this WO in the RF queue.The warehouse order is confirmed and the scrap stock is now in the scrap zone. Additionally, the system has changed the stock type of the HU to S6. |  |
| 8 | Save and logoff | You can use function key F7 to go back to previous screens.Choose F1 Logoff.Choose F1 Save. |  |  |

## Alternative 2: Scrapping Due to Damaged Stock

### Create Ad-Hoc Warehouse Tasks for Scrapping Damaged Stock

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | Duration | Enter a duration. |

#### Scrap from Mezzanine

Context

Warehouse worker creates ad-hoc warehouse tasks to scrap damaged stock and physically move the stock to the scrapping zone.

Prerequisite

Damaged stock detected in the warehouse.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Test RF Environment (/SCWM/RFUI) . | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Warehouse No: 1010Resource: YMEZZ-1DefPresDvc: YE00Choose Enter. |  |  |
| 4 | Choose Menu | Choose menu 05 Internal Processes > 02 Adhoc WT Creation > 05 Create and Confirm Adhoc Product WT . |  |  |
| 5 | Enter data | Enter the following values:Src Bin: 021.##.##.##Bin from which a product is to be scrapped.Prod. : EWMS4-01 or EWMS4-02The product stored in the storage bin that is to be scrapped.For testing purpose, the Warehouse Monitor can be used to find a particular storage bin and product combination in the storage type Y021.ProTyp: Y420Choose Enter twice. |  |  |
| 6 | Enter data | In the same screen, enter the following values:Srce Qty: QuantityThe quantity can be equal to the Available Quantity ( Avl.Qty) or partial of the Available Quantity.Dest. Bin: SCRAP-ZONEFilled by the system.Choose Enter.In the next screen, choose Enter without entering any value in the DstHU field. |  |  |
| 7 | Enter destination bin | In the next screen, make the following entries:Dest. Bin: SCRAP-ZONEVerification: Confirm the displayed destination bin in the validation field next to the display field. | The system has changed the stock type of the stock to S6. Additionally, the warehouse task of moving the scrap stock to the scrapping zone is confirmed and the scrap stock is now physically situated in the scrapping zone. |  |
| 8 | Save and logoff | You can use function key F7 to go back to previous screens.Choose F1 Logoff.Choose F1 Save. |  |  |

#### Scrap from Narrow Aisle High Rack Picking Area

Context

Warehouse worker creates ad-hoc warehouse tasks to scrap damaged stock and physically move the stock to the scrapping zone.

Prerequisite

Damaged stock detected in the warehouse.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Test RF Environment (/SCWM/RFUI) | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Warehouse No: 1010Resource: YLLTR-1DefPresDvc: YE00Choose Enter. |  |  |
| 4 | Choose Menu | Choose menu 05 Internal Processes > 02 Adhoc WT Creation > 03 Create and Confirm Adhoc HU WT . |  |  |
| 5 | Enter data | Enter the following values:ID: HU NumberProTyp: Y420Dest.Bin: SCRAP-ZONEDestHU: Leave emptyChoose Enter. |  |  |
| 6 | Enter destination bin | In the next screen, make the following entries:Dest. Bin: SCRAP-ZONEVerification: Confirm the displayed destination bin in the validation field next to the display field. | The system has changed the stock type of the HU to S6. Additionally, the warehouse task of moving the scrap HU to the scrapping zone is confirmed and the scrap HU is now physically situated in the scrapping zone. |  |
| 7 | Save and logoff | You can use function key F7 to go back to previous screens.Choose F1 Logoff.Choose F1Save. |  |  |

#### Scrap from Narrow Aisle High Rack Pallet Buffer

##### Move Stock to Handover Point

Context

Warehouse worker creates ad-hoc warehouse tasks to scrap damaged stock and physically moves the stock to the handover point.

For testing purpose, it is important to know upfront about the HU for scrapping and the resource to execute the task. The Warehouse Monitor can be used to find an HU in the storage type Y011. In doing so, in the warehouse monitor follow the path Stock and Bin > Stock Overview to display stocks in the storage type Y011. In the stock overview display, select one line for product EWMS4-10 or EWMS4-11 and choose Physical Stock to display the HU ID.

The resource used is dependent on the aisle in which the HU to be scrapped is stored. For example, an HU that is stored in the storage bin 011.01.##.## means it is in the aisle 01. Use corresponding resource from the product/storage type/resource matrix.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Test RF Environment (/SCWM/RFUI). | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010Resource: ResourceNote:for resource to use, refer to theQueues and Resources table in 2.3 Master Data and Organizational DataDefPresDvc: YE00Choose Enter. |  |  |
| 4 | Choose Menu | Choose menu 05 Internal Processes > 02 Adhoc WT Creation > 03 Create and Confirm Adhoc HU WT . |  |  |
| 5 | Enter data | Enter the following values:ID: HU NumberProTyp: Y420Dest.Bin: SCRAP-ZONEDestHU:Choose Enter. | The Dest.Bin has been changed by the system to 001.##.01(a storage bin in the handover point, where ## stands for the aisle number). This indicates that the HU to be scrapped needs to be moved to the handover point first. |  |
| 6 | Enter destination bin | In the next screen, make the following entries:Dest. Bin: 001.##.01Verification: Confirm the displayed destination bin in the validation field next to the display field.Choose Enter. | The warehouse task of moving the scrap HU to the handover point is confirmed and the scrap HU is now physically situated in the handover point. |  |
| 7 | Save and logoff | You can use function key F7 to go back to previous screens.Choose F1 Logoff.Choose F1 Save. |  |  |

##### Move Stock from Handover Point to Scrapping Zone

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | Duration | Enter a duration. |

Context

The warehouse worker confirms the created warehouse order using RF after transporting the stock from the handover point to the scrapping zone. This step is only relevant to the scrapping processes described in chapter Scrap from Narrow Aisle High Rack Pallet Buffer.

Prerequisite

Stock to be scrapped has been moved to the handover point.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Test RF Environment (/SCWM/RFUI) | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010Resource: YLLTR-1DefPresDvc: YE00Choose Enter. |  |  |
| 4 | Choose Menu | Choose 01 System-Guided > 02 System-guided By Queue .It may occur that in the System-Guided Selection, other warehouse tasks appear instead of the expected task. In this case, you can follow the path 02 Manual Selection > 01 Selection by WO and enter the corresponding WO number in the Whse Order field to process the task.The WO can be found using the Warehouse Monitor. Please follow the path in the Monitor Documents > Warehouse Order and search by Warehouse Process Type Y420. |  |  |
| 5 | Enter Queue Name | YS-001-840Queue for transferring the HU to the scrapping zone from the handover point of the Narrow Aisle (001) storage. |  |  |
| 6 | Verify source HU | In the screen, make the following entries:SrceHU: Source HUVerification: Confirm the displayed source HU in the validation field next to the display field.Choose Enter. |  |  |
| 7 | Verify destination bin | In the screen, make the following entries:DstBin: SCRAP-ZONEChoose Enter. | The warehouse order is confirmed and the scrap stock has been moved from the handover point to the scrapping zone. Additionally, the system has changed the stock type of the HU to S6. | Verification: Confirm the displayed destination bin in the validation field next to the display field.The system may issue a message "Suitable warehouse order were not found"in case you only have this WO in the RF queue. |
| 8 | Save and logoff | You can use function key F7 to go back to previous screens.Choose F1 Logoff.Choose F1 Save. |  |  |

#### Scrap from Bulk Storage

##### Scrap from Bulk Storage A and Bulk Storage A

Context

Warehouse worker creates ad-hoc warehouse tasks to scrap damaged stock and physically move the stock to the scrapping zone.

Prerequisite

Damaged stock detected in the warehouse.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Test RF Environment (/SCWM/RFUI) | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010Resource: YLLTR-1DefPresDvc: YE00Choose Enter. |  |  |
| 4 | Choose Menu | Choose menu 05 Internal Processes > 02 Adhoc WT Creation > 03 Create and Confirm Adhoc HU WT . |  |  |
| 5 | Enter data | Enter the following values:ID: HU NumberProTyp: Y420Dest.Bin: SCRAP-ZONEDestHU: Leave emptyChoose Enter. |  |  |
| 6 | Enter destination bin | In the next screen, make the following entries:Dest. Bin: SCRAP-ZONEVerification: Confirm the displayed destination bin in the validation field next to the display field. | The system has changed the stock type of the HU to S6. Additionally, the warehouse task of moving the scrap HU to the scrapping zone is confirmed and the scrap HU is now physically situated in the scrapping zone. |  |
| 7 | Save and logoff | You can use function key F7 to go back to previous screens.Choose F1 Logoff.Choose F1 Save. |  |  |

##### Scrap from Bulk Storage B Picking Area

Context

Warehouse worker creates ad-hoc warehouse tasks to scrap damaged stock and physically move the stock to the scrapping zone.

Prerequisite

Damaged stock detected in the warehouse.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Test RF Environment (/SCWM/RFUI) . | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010Resource: YLLTR-1DefPresDvc: YE00Choose Enter. |  |  |
| 4 | Choose Menu | Choose menu 05 Internal Processes > 02 Adhoc WT Creation > 05 Create and Confirm Adhoc Product WT . |  |  |
| 5 | Enter data | Enter the following values:Src Bin: 052.##.##.##Bin from which a product is to be scrapped.Prod. : EWMS4-42The product stored in the storage bin that is to be scrapped.For testing purpose, the Warehouse Monitor can be used to find a particular storage bin and product combination in the storage type Y052.ProTyp: Y420Choose Enter twice. |  |  |
| 6 | Enter data | In the same screen, enter the following values:Srce Qty: QuantityThe quantity can be equal to the Available Quantity ( Avl.Qty) or partial of the Available Quantity.Dest. Bin: SCRAP-ZONEFilled by the system.Choose Enter.In the next screen, choose Enter without entering any value in the DstHU field. |  |  |
| 7 | Enter destination bin | In the next screen, make the following entries:Dest. Bin: SCRAP-ZONEVerification: Confirm the displayed destination bin in the validation field next to the display field. | The system has changed the stock type of the stock to S6. Additionally, the warehouse task of moving the scrap stock to the scrapping zone is confirmed and the scrap stock is now physically situated in the scrapping zone. |  |
| 8 | Save and logoff | You can use function key F7 to go back to previous screens.Choose Logoff.Choose F1 Save. |  |  |

#### Scrap from Blocked Stock Area

Context

Warehouse worker creates ad-hoc warehouse tasks to scrap damaged stock and physically move the stock to the scrapping zone.

Prerequisite

Damaged stock detected in the warehouse.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Test RF Environment (/SCWM/RFUI) . | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010Resource: YLLTR-1DefPresDvc: YE00Choose Enter. |  |  |
| 4 | Choose Menu | Choose menu 05 Internal Processes > 02 Adhoc WT Creation > 03 Create and Confirm Adhoc HU WT . |  |  |
| 5 | Enter data | Enter the following values:ID: HU NumberProTyp: Y420Dest.Bin: SCRAP-ZONEDestHU: Leave emptyChoose Enter. |  |  |
| 6 | Enter destination bin | In the next screen, make the following entries:Dest. Bin: SCRAP-ZONEVerification: Confirm the displayed destination bin in the validation field next to the display field. | The system has changed the stock type of the HU to S6. Additionally, the warehouse task of moving the scrap HU to the scrapping zone is confirmed and the scrap HU is now physically situated in the scrapping zone. |  |
| 7 | Save and logoff | You can use function key F7 to go back to previous screens.Choose F1 Logoff.Choose F1 Save. |  |  |

## Empty Scrapping Zone and Post Goods Issue

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | Duration | Enter a duration. |

Context

The warehouse clerk empties the scrap zone by posting an unplanned goods issue.

You could schedule a periodic background job for this step (not described in detail here).

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Clerk (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Home on top of the screen to open All My Apps list.In the App list, choose EWM - Warehouse Execution Office and then choose Post Goods Issue - Unplanned (/SCWM/ADGI) . |  |  |
| 3 | Enter Data for posing | On the Post Unplanned Goods Issue selection screen, make the following entries:Whse No: 1010Storage Type : Y840GI Process: SCRP ScrappingChoose Execute (F8). |  |  |
| 4 | Post GI | Select all items and choose Post GI. | In the status bar, a message confirming the creation of a Warehouse material document appears.The goods issue is posted, the scrap zone is empty and the stock is decreased in SAP S/4HANA. |  |

# Appendix

## Process Integration

The process to be tested in this test script is part of a chain of integrated processes.

### Preceding Processes

You may first have completed the following processes and conditions before you start with the test steps:

|  |  |
| --- | --- |
| Process | Business Condition |
| Basic Warehouse Inbound Processing from Supplier (1FS) | See preliminary step Stock with Expiration Date for Variant (Scrapping Due to Expired BBD Date), alternative 1. |

Typographic Conventions

|  |  |
| --- | --- |
| Type Style | Description |
| Example | Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options.Textual cross-references to other documents. |
| Example | Emphasized words or expressions. |
| EXAMPLE | Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE. |
| Example | Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools. |
| Example | Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation. |
| <Example> | Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system. |
| EXAMPLE | Keys on the keyboard, for example, F2 or ENTER. |

|  |
| --- |
|  |
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