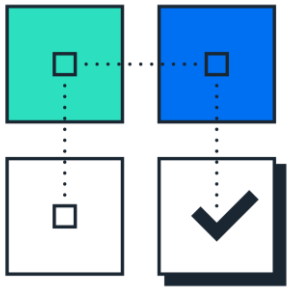

Test Script

SAP S/4HANA Cloud Public Edition - 11-12-24

Warehouse Advanced Production Integration (6NI_CA)

PUBLIC

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1 Purpose

Overview

Advanced production integration allows you to have real-time material flow between shop floor and warehouse. You can plan the staging of components to production over a period of time, so that PSA capacity is reasonably used. You can monitor and control the staging process. Consumption can be posted directly from WM and the consumption status can be monitored using an app or RF. Consumption posting can be reversed directly from WM using an app or RF.

You can receive produced stock as soon as the goods receipt request is triggered from the shop floor (both the Post Goods Movement app and the RF are available for the use). You can also clear stock reference on left-over stock from the production supply area, and move them back to the warehouse, after the manufacturing process is complete. In that way, you can free up some capacity from the production supply area for other staging activities, using an app or RF.

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.

> Note Values in this test script (decimal notation, date formats, and so on) are presented in U.S. standard notation. If your test system is set up to use a different notation, enter values as appropriate.

2 Prerequisites

This section summarizes all the prerequisites for conducting the test in terms of systems, users, master data, organizational data, other test data and business conditions.

2.1 System Access

System	Details
System	Accessible via SAP Fiori launchpad. Your system administrator provides you with the URL to access the various apps assigned to your role.

2.2 Roles

Create business roles using the following business role templates delivered by SAP and assign them to your individual test users.

Alternatively, if available, you can use the following spaces delivered by SAP. You create a space with pages containing predefined essential apps and assign it to the business role. You then assign this business role to your individual users.

For more information, refer to *How to Create a Business Role from a Template* in the product assistance for SAP S/4HANA Cloud Public Edition.

Name (Role Template)	ID (Role Template)	Name (Launchpad Space)	ID (Launchpad Space)	Log On
Production Supervisor - Discrete Manufacturing	SAP_BR_PRODN_SUPERVISOR_DISC	Production Management - Discrete Manufacturing	SAP_BR_PRODN_OPTR_DISC	
Warehouse Clerk (EWM)	SAP_BR_WAREHOUSE_CLERK_EWM	Warehouse Office	SAP_BR_WAREHOUSE_CLERK_EWM	
Warehouse Operative (EWM)	SAP_BR_WAREHOUSE_OPERATIVE_EWM	Warehouse Floor	SAP_BR_WAREHOUSE_OPERATIVE_EWM	
Production Operator - Discrete Manufacturing	SAP_BR_PRODN_OPTR_DISC	Production Execution - Discrete Manufacturing	SAP_BR_PRODN_OPTR_DISC	
Master Data Specialist - Handling Unit Data	SAP_BR_HU_MASTER_SPECIALIST	Master Data - Handling Units	SAP_BR_HU_MASTER_SPECIALIST	

2.3 Master Data, Organizational Data, and Other Data

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

Use your own master data or the following sample data to go through the test procedure.

Data	Sample Value	Details	Comments
Material	FG526	FIN526,MTS-DI,PD,Batch-Fifo,SerialNo	Use this material to test the production integration with production material request and goods receipt with synchronized goods movements.
Material	SG524	SEMI524,PD,Subassembly,AdvProdInt	Component for FG526.
Material	FG726	FIN726,MTS-DI,PD,Batch-Fifo,SerialNo	Use this material to test the production integration with production material request and delivery-based goods receipt.
Material	SG724	SEMI724,PD,Subassembly,AdvProdInt	Component for FG726.
Material	FG826	FIN826,MTS-DI,PD,Batch-Fifo,SerialNo	Use this material to test the production integration with production material request, activated backflush for raw material components and goods receipt with synchronized goods movements.
Material	SG824	SEMI824,PD,Subassembly,AdvProdInt	Component for FG826.
Material	RM124	RAW124, VB, Consumption, FixedBin	1 PAL = 100 PC Component for SG824.
Material	RM324	RAW324,VB,Consumption,NoStag	1 PAL = 100 PC Component for SG524 and SG724
Material	RM424	RAW424,VB,Consumption,CrossOrd,Batch	1 PAL = 100 PC Component for SG524 and SG724
Material	RM524	RAW524,VB,Consumption,SingOrd,SerialNo	1 PAL = 100 PC Component for SG524 and SG724
Material	FG428	FIN428,MTO,PD,Fifo	Use this material to test the production integration with production material request in a make-to-order scenario and goods receipt with synchronized goods movements.
Material	SG224	SEMI224,MTO,PD,Subassembly	Component for FG428.
Production Version	0001	Production Version 1	Production version for materials FG526, SG524, FG726, SG724 and FG428

Data	Sample Value	Details	Comments
Packaging Material	PMPALLET		
Packaging Material	PMPALLET_GTL	Pallet for GTL	
Company Code	2910		
Plant	2910		
Storage Location	295W		
Production Supply Area (PSA)	PSA_03	PSA for advanced production integration	
Warehouse Number	295		

Organizational Master Data in Warehouse:

Data	Sample Value	Details	Comments
Warehouse	2950		
Custodian	29412910		
Entitled to Dispose	29412910		

Warehouse-Specific Master Data:

Data	Sample Value	Details	Comments
Storage Type	SF01	Fixed Bin Storage	
Storage Type	S105	Production Supply	
Storage Type	S915	Goods Receipt from Production	
Storage Type	S970	Clarification Zone	
Storage Type	S001	Storage	
Storage Type	SG01	General Storage	

You can find general information on how to create master data objects in the following Master Data Scripts (MDS) :

MDS	Description
BNF	Create Product Master of Type "Trading Good"
3KQ	Create Warehouse Attributes for Material/Product Master
3KR	Create Warehouse Storage Bins and Fixed Bin Assignments
3KS	Create Warehouse Master Data for Production Supply
40D	Create Production Supply Area

2.4 Business Conditions

Before you can test this scope item, the following business conditions must be met.

<table>
<tr><th>Scope Item ID</th><th>Business Condition</th></tr>
<tr><td>BNZ - Create New Open MM Posting Period</td><td>You’ve completed the step described in the Create New Open MM Posting Period (BNZ) master data script. The posting period is up to date.</td></tr>
<tr><td>BJ5 - Make-to-Stock Production - Discrete Manufacturing</td><td>Planned orders are a prerequisite for the process. Make sure the following steps are fulfilled:
1. Anonymous Forecast and MRP
2. Create Planned Independent Requirements
3. Material Requirements Planning at Plant Level
4. Evaluate Stock/Requirements Situation
5. Production Order Conversion and Available-to-Promise Check
6. Conversion to Production Orders for Subassembly and Final Assembly
There are several sets of material master data available for testing the process variants in this test script. Refer to below table for an overview of the scenarios and the associated materials. Once you created the production order, note down the production order number for the semifinished goods:
Table 1:
<table><tr><th>Scenario</th><th>Material Master</th></tr><tr><td>Goods receipt with synchronized goods movement</td><td>FG526, SG524, RM324, RM424, RM524</td></tr><tr><td>Goods receipt with synchronized goods movement, backflush component</td><td>FG826, SG824, RM124</td></tr><tr><td>Goods receipt with deliveries</td><td>FG726, SG724, RM324, RM424, RM524</td></tr></table></td></tr>
</table>

Scope Item ID	Business Condition
BJE - Make-to-Order Production - Finished Goods Sales and Final Assembly	Planned orders are a prerequisite for the process. Make sure the steps in following sections are fulfilled: 1. MTO Sales Processing (Material w/o Sales Order BoM) 2. Down Payment Processing 3. Production Planning 4. Production Processing In section Production Processing, execute step Create Production Order only. Use material **FG428**. Once you created the production order, note down the production order number for the finished good: Table 2: Scenario: Goods receipt with synchronized goods movement — Material Master: **FG428, SG224**
3BR - Warehouse Inbound Processing	You have completed the step described in Warehouse Inbound Processing test script so that you have the stock to do the posting changes.

2.5 Preliminary Steps

2.5.1 Define Default Values for Warehouse Clerk (WM)

Purpose

In this step, you can define the default warehouse number for the Warehouse Clerk (EWM).

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).		
2	Choose Avatar	Choose Icon for the logon user. Choose Settings.		
3	Enter Default Value	Choose Default Values. And make the following entry in the section Material Management:		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Warehouse Number: 2950. Choose Save.		

2.5.2 Define Default Values for Warehouse Operative (WM)

Purpose

In this step, you can define the default warehouse number for the Warehouse Operative (EWM).

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 Operative (EWM).		
2	Choose Avatar	Choose Icon for the logon user. Choose Settings.		
3	Enter Default Value	Choose Default Values. And make the following entry in the section Material Management: Warehouse Number: 2950. Choose Save.		

2.5.3 Assign Fixed Storage Bins to Component

Purpose

In this step, you assign fixed storage bins to products.

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 displays.	
2	Access App	Open Assign Fixed Bins (/SCWM/BINMAT).	The Maintain Fixed Storage Bins screen displays.	
3	Enter Data	On the Assign Fixed Storage Bins screen, enter the following data: Warehouse Number: **2950** Product: **RM124**. Choose Run.		
4	Maintain Fixed Bin	Choose Edit to switch to change mode. Choose Create. Enter the following data: WhN: **2950**. Disposal: **29412910** Storage Bin: **SF01-03-04**. Product: **RM124**. Choose Save.		

2.5.4 Create Control Cycle

Purpose

In this activity, you create a control cycle that can be used for in-house production in the production supply area. In the control cycle, you define the demand source, the supply source, and the material staging indicator. The material staging indicator defines the method of how needed materials can be supplied for production with the assistance of the warehouse management system.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log On	Log on to the SAP Fiori launchpad as a Production Supervisor - Discrete Manufacturing.	The SAP Fiori launchpad is displayed.	
2	Access App	Open Create Control Cycle for WM (LPK1).	The Create Control Cycle: Initial Screen (WM) screen is displayed.	
3	Enter Data	On the Create Control Cycle: Initial Screen (WM) screen, make the following entries: Material: **RM324** Plant: **2910**. Supply Area: **PSA_03**.		
4	Choose Enter	Choose Enter.	The Create Control Cycle: Data Screen (WM) screen is displayed.	
5	Enter Control Cycle Details	Make the following entries: In the Destination section: Staging Ind.: **5 (EWM Staging)** In the Source section: Stor. Location: **295W**	The Destination Stor. Location, Destination Warehouse Number, Source Issuing Plant, and Source Warehouse No fields are automatically filled by the system.	
6	Choose Save	Choose Save.	The following system message appears: `Control cycle RM324 1710 PSA_03 will be created.` `You have created a control cycle for WM staging of material RM324.`	
7	Repeat for remaining Components	Repeat above steps and create control cycles for materials **RM124**, **RM424**, **RM524** and **SG224**. Repeat above steps and create control cycles for materials **RM016**, **RM021**, and **SG012**.	You have created control cycles for WM staging of materials **RM124**, **RM424**, **RM524** and **SG224**. You have created control cycles for WM staging of materials **RM016**, **RM021**, and **SG012**.	

2.5.5 Assign Bins to PSA

Use

In this activity, you manage the storage bins that are used for production supply at the level of the production supply area. You assign each of them to a production supply area, a party entitled to dispose, and a product. You maintain additional attributes related to the production supply process such as staging methods, quantities, and the warehouse process types used for creation of the staging warehouse tasks and the warehouse tasks for clearing the PSA.

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).		
2	Access App	Open Assign Bin to PSA (/SCWM/PSASTAGE2).	The Determine Work Area: Entry dialog box appears.	
3	Make Entries	In the Determine Work Area: Entry dialog box, make the following entries: Party Entitled to Dispose: **29412910** Supply Area: **PSA_03 /2910** For the field Supply Area, use the **value help**.		
4	Choose Enter	Choose Apply (Enter).	The Assign Bin to PSA: Change screen appears.	
5	Choose New Entries	On the Assign Bin to PSA: Change screen, choose New Entries.	The New Entries: Details of Added Entries screen appears.	
6	Make Entries	On the New Entries: Details of Added Entries screen, make the following entries: Product: **RM324** In the Assign Bin Section: Storage Bin: **PROD-SUPPLY-3** Staging Method: **Not Staging Relevant** Qty Calc. Type: **No Quantity Calculation** Choose Enter.		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
7	Choose Save	Save your entries.	The following system message appears: `Data was saved` You have created an entry for material **RM324**. The New Entries: Added Entries screen appears.	
8	Choose Cancel	On the New Entries: Added Entries screen, choose cancel to return to the Assign Bin to PSA: Change screen.	The Assign Bin to PSA: Change screen appears.	
9	Repeat the Steps	Repeat steps 5 to 8 and make the following entries: For material **RM424**Product: **RM424** In the Assign Bin section: Storage Bin: **PROD-SUPPLY-4** Staging Method: **Cross-Order Staging** Qty Calc. Type: **Quantity-Based Calculation** Choose Enter. Replmt Qty: **2** Min.Prd.Qty PSA: **200** Unit: **PC** Staging WPT: **S320** Clear PSA WPT: **S325** For material **RM524**: Product: **RM524** In the Assign Bin section: Storage Bin: **PROD-SUPPLY-5** Staging Method: **Single-Order Staging** Qty Calc. Type: **Quantity-Based Calculation** Choose Enter. Replmt Qty: **2** Min.Prd.Qty PSA: **200** Unit: **PC** Staging WPT: **S220** Clear PSA WPT: **S325** For material **RM124**: Product: **RM124**	You have created entries for material **RM124**, **RM424**, **RM524**, and **SG224**.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		In the Assign Bin Section: Storage Bin: **PROD-SUPPLY-6** Staging Method: **Single-Order Staging** Qty Calc. Type: **Quantity-Based Calculation** Choose Enter. Replmt Qty: **2** Min.Prd.Qty PSA: **200** Unit: **PC** Staging WPT: **S320** Clear PSA WPT: **S325** For material **SG224**: Product: **SG224** In the Assign Bin Section: Storage Bin: **PROD-SUPPLY-7** Staging Method: **Single-Order Staging** Qty Calc. Type: **Quantity-Based Calculation** Choose Enter. Replmt Qty: **10** Min.Prd.Qty PSA: **200** Unit: **PC** Staging WPT: **S320** Clear PSA WPT: **S325**		

2.5.6 Create Initial Stock for Component

2.5.6.1 Create Initial Stock for Component Using Migration Cockpit

Refer to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item to create initial stock for **RM324**, **RM424**, **RM524**, and **SG224** in the **S001** standard storage type of the **295W** warehouse.

Create initial stock for **RM124** in storage bin **SF01-03-04**. Execute the whole process.

You can find the document here 2Q2.

2.5.7 Maintain Warehouse Product Attributes to Automatically Create Putaway Warehouse Tasks (Optional)

Purpose

In this section, you maintain the warehouse product attributes using the Warehouse Monitor (/SCWM/MON) app. Setting the Process Type Determination Indicator results in the creation of putaway warehouse tasks automatically after the goods receipt was posted.

> Note In case a semi-finished product is to be used as a component for a subsequent production step for final assembly of a finished product, you have the opportunity to move the product to the subsequent PSA without having to carry out the putaway process first. For this, you enter a target PSA in the production version of the product. When automatic warehouse task creation is activated as described in this section, upon goods receipt of the semi-finished product, the system creates a warehouse task towards the bin associated with this PSA via the control cycle for the material and PSA. You can find the target PSA field in the 'Other Data' section in the production version.

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).		
2	Access App	Open Warehouse Monitor (/SCWM/MON).	The Warehouse Management Monitor SAP - Warehouse Number XX50 screen is displayed.	
3	Navigate to Warehouse Attribute	In the hierarchy in the left screen area, choose Product Master Data > Warehouse Attribute .		
4	Enter Product Number	In the /SCWM/SAPLPROD_OVERVIEW dialog box, make the following entries: Basic Attributes section: Product Number: **SG524**, **SG724**, **SG824** or **FG428**. Choose Execute.		
5	Select Product	On the Warehouse Management Monitor SAP - Warehouse Number screen, in the Warehouse Attributes area, select the product.		
6	Choose Mass Change/Create	Choose More Methods > Mass Change/Create .		
7	Make entries for Process Type Determination Indicator	In the /SCWM/SAPLPROD_OVERVIEW dialog box, make the following entries:		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Note It is not possible to pack the goods before putaway if automatic putaway warehouse task creation is enabled. In the Warehouse Data section: Proc.Type Det. Ind: **S1**.		
8	Choose Execute	Choose Execute.		
9	Confirm your changes	In the Warehouse Management Monitor SAP - Warehouse Number dialog box, choose Yes.	The following system message appears: `1 products save successfully.`	

2.5.8 Manage Packing Instruction (Optional)

2.5.8.1 Create Packing Instruction

Purpose

In this step, you create a packing instruction.

A packing instruction serves as a template for the creation of a handling unit. In a packing instruction, you define the materials and packaging materials to be packed in a handling unit.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Comments
1	Log On	Log on to the SAP Fiori Launchpad as a Master Data Specialist - Handling Unit Data	The SAP Fiori launchpad displays.	
2	Access the App	Open Create Packing Instruction - Master Data `(POP1)`.	The Create Packing Instruction: Initial	

Test Step #	Test Step Name	Instruction	Expected Result	Comments
			screen displays.	
3	Create Packing Instruction	To create a new packing instruction, choose Continue or choose Enter. If you want to create a packing instruction from a reference packing instruction, choose a reference packing instruction and then Enter.		
4	Maintain the description of Packing Instruction	Enter the short text field for the description of the packing instruction.		
5	Enter Packaging Material	Enter the package material number in field Component of item **10**, for example **PMPALLET**. The Item category P of item **10** means packaging materials. The first line is mandatory for every packing instruction because every packing instruction needs at least **1** packaging material.		
6	Maintain material and target quantity	In item **20**, make the following entries: Item category: **M Material**. Component: **Material number to be packed**, for example, **SG524**, **SG724**, **SG824** or **FG428**. Target quantity: **<Quantity>**.		
7	Enter Check Profile	In the Admin.data tab, enter **01** in the Check Profile field. **01** is the pre-delivered SAP Standard Profile.		
8	Save	Choose Save. Make a note of the packing instruction number: _____.	A packing instruction is created.	

2.5.8.2 Create Packing Instruction Determination

Purpose

In this step, you create packing instruction determination records.

This function enables the system to find a packing instruction by specific characteristics. The condition technique is applied. You define a packing instruction that refers to specific characteristics, such as material and ship-to-party.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Comments
1	Log On	Log on to the SAP Fiori Launchpad as a Master Data Specialist - Handling Unit Data	The SAP Fiori launchpad displays.	
2	Access the App	Open Create Determination Records - Master Data (POF1).	The Pkg Instruction - Create Determination Recs: Initial Screen is displayed.	
3	Enter Determination Type	On the Pkg Instruction - Create Determination Recs: Initial Screen, make the following entries, and choose Enter. For material **SG524**, **SG824** or **FG428**: Determination Type: **0GRP – MIGO Production Receipt** For material **SG724**: Determination Type: **0IBD: – Inbound Delivery WM** Choose Enter. Note Note that for the determination of the packing instruction with determination types **0GRP** only the following fields can be used: ● Supplier ● Plant ● Material		
4	Choose a key combination	On the key combination screen, choose a key combination, and select Choose. For example, choose **WhseNmbr/Vendor/Material**.		
5	Enter the Packing Instruction Determination	On the Create Ship. pack. inst: Fast Entry screen, make the following entries: Warehouse Number: for example **2950**. Supplier: **<The supplier number>**. Material: **SG524**, **SG724** or **SG824** Packing instruction: **<The Packing instruction number noted in the last section>**		
6	Save	Choose Save.	The packing instruction determination is created.	

3 Overview Table

This scope item consists of several process steps provided in the table below.

> Note 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 (searchable) apps not included on the homepage using the search bar (2434549).
> If you want to personalize the homepage and include the hidden apps, navigate to your user profile and choose App Finder.

Process Step	Business Role	App/Transaction	Expected Results
Release Production Order [page] 20	Production Supervisor - Discrete Manufacturing	Manage Production Orders (F2336)	You have released the production order.
Trigger Creation of Production Material Request [page] 21	Production Supervisor - Discrete Manufacturing	Manage Production Orders (F2336)	You have created a production material request.
Check Production Material Request (Optional) [page] 23	Warehouse Clerk (EWM)	Display Production Material Requests (/SCWM/MONNAV_PMR)	
Create Staging Warehouse Tasks [page] 24	Warehouse Clerk (EWM)	Create Warehouse Tasks - Staging for Production (/SCWM/STAGE)	You have created the staging warehouse tasks.
Confirm Staging Warehouse Tasks [page] 25	Warehouse Clerk (EWM)	Process Warehouse Tasks - Internal Movements (F4595)	You have confirmed the staging warehouse tasks.
Post Consumption of Components [page] 29	Warehouse Clerk (EWM) Warehouse Operative (EWM)	Post Consumption - Production (/SCWM/MFG_CONSUMPTION) Test RF Environment (/SCWM/RFUI)	You posted the consumption of the required components.
Reverse Consumption of Components (Optional) [page] 35	Warehouse Clerk (EWM) Warehouse Operative (EWM)	Post Consumption - Production (/SCWM/MFG_CONSUMPTION) Test RF Environment (/SCWM/RFUI)	The consumption of the component was reversed.
Clear Production Supply Area (Optional) [page] 38	Warehouse Clerk (EWM)	Clear Production Supply Areas (/SCWM/MFG_STAGING_REVERSAL)	You created warehouse tasks to move components from PSA back to the final storage bin.
Confirm Warehouse Task for PSA Clearance (Optional) [page] 39	Warehouse Operative (EWM)	Process Warehouse Tasks (F4595)	You have confirmed the warehouse tasks to move the components back to the final storage bin.

4 Test Procedures

This section describes test procedures for each process step that belongs to this scope item.

4.1 Release Production Order

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

A release at order operation level results in the order and all its operations being released. The order and the operations receive the REL (released) status.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log On	Log on to the SAP Fiori Launchpad as a Production Supervisor - Discrete Manufacturing	The SAP Fiori Launchpad opens.	
2	Access App	Open Manage Production Orders (F2336).	The Manage Production Orders (F2336) screen appears.	
3	Check Default Area	On the Manage Production Orders screen, maintain the following entries:	If the **Plant 1(CA)2910/MTS DI - Valuated (YB1)** entry in the Plant / Prodn	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
	of Responsibility (Supervisor)	Check the default area of responsibility (supervisor) by choosing your avatar (from the top-right corner) and selecting App Settings > Area of Responsibility > Production Supervisor and choose Go. Check that only this entry is assigned: **Plant 1**(**CA**) **2910**. **MTS DI - Valuated (YB1)**.	Supervisor Combinations section is not assigned, adapt the filter settings. Choose Go. Select the AOR Status checkbox . For other plant entries, unselect the AOR Status checkbox. Choose Back in the top left corner to return to the Manage Production Orders screen.	
4	Select Production Order	On the Manage Production Orders (F2336) screen, enter the following search conditions as a filter. Choose Adapt Filters to display more selection filters. In the Adapt Filters dialogbox, choose Group View on the top right corner. Expand the Production Orders node. Select the checkbox for Material and Production Plant and choose OK. The Material and Production Plant fields are then added to the filter bar. Status: **Created**. Material: **SG524**, **SG724**, **SG824** or **FG428**. Material: **FG012**. Production Plant: **2910**. Choose Go to execute.	The Manage Production Orders (F2336) screen appears.	
5	Select Order	On the Manage Production Orders (F2336) screen, select your production order by choosing the checkbox beside the order number. Choose Edit.	The Production order Change: Header screen appears. Note down your production order number: _____	
6	Execute Release	Choose Menu > Functions > Release .	The Release Order dialog box appears.	
7	Release Order	Choose Release Order.	A system message tells you that the release has been carried out, and refers to the log.	
8	Save	Save your entries.	A system message tells you that the corresponding order number has been saved.	

4.2 Trigger Creation of Production Material Request

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

In this step, you trigger the creation of the production material request by executing the WM material staging function. The production material request is a representation of the manufacturing order in warehouse management.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log On	Log on to the SAP Fiori Launchpad as a Production Supervisor - Discrete Manufacturing	The SAP Fiori Launchpad opens.	
2	Access App	Open Manage Production Orders (F2336).	The Manage Production Orders (F2336) screen appears.	
3	Check Default Area of Responsibility (Supervisor)	On the Manage Production Orders screen, maintain the following entries: Check the default area of responsibility (supervisor) by choosing your avatar (from the top-right corner) and selecting App Settings > Area of Responsibility > Production Supervisor and choose Go. Check that only this entry is assigned: **Plant 1**(CA)**2910**. **MTS DI - Valuated (YB1)**	If the **Plant 1**(**CA**) **2910/MTS DI - Valuated (YB1)** entry in the Plant / Prodn Supervisor Combinations section is not assigned, adapt the filter settings, choose Go and select the AOR Status checkbox. For other plant entries, unselect the AOR Status checkbox. Choose Back in the top left corner to return to the Manage Production Orders screen.	
4	Select Production Order	On the Manage Production Orders (F2336) screen, enter the following search conditions as a filter. Choose Adapt Filters to display more selection filters. In the Adapt Filters dialog box, choose Group View on the top right corner. Expand the Production Orders node. Select the checkbox for Material and Production Plant and choose OK. The Material and Production Plant fields are then added to the filter bar. Status: **Released**. Material: **SG524**, **SG724**, **SG824** or **FG428**.	The Manage Production Orders (F2336) screen appears.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Production Plant: **2910**. Choose Go to execute.		
5	Select Order	On the Manage Production Orders (F2336) screen, select your production order by choosing the checkbox beside the order number. Choose Edit.	The Production order Change: Header screen appears.	
6	Execute Release	On the Production order Change: Header screen, choose Menu > Functions > WM Material Staging > Execute .	The following system message is displayed: `Material staging was executed successfully`.	
7	Save	Choose Save.	A dialog box with the following system message appears: `Order number <your order number> saved`.	

4.3 Check Production Material Request (Optional)

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

In this step, you verify that the production material request was created successfully.

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 opens.	
2	Access App	Open Display Production Material Requests (/SCWM/MONNAV_PMR).	The Production Material Request screen appears.	
3	Set Filter Criteria	On the Production Material Request screen, choose Set Selection Criteria.	A dialog box with filter options appears.	
4	Set Filter Criteria	In the dialog box with the filter criteria, make the following entries: Manufacturing Order: **<your order number>** Choose Execute.	The Production Material Request screen appears. The Production Material Request associated with your manufacturing order is listed.	
5	Select PMR	On the Production Material Request screen, select the line item with your production material request and choose Mat.Req.Items.	The Material Request Items section appears on the bottom half of the screen.	
6	Verify Items	On the Production Material Request screen, in the Material Request Itemssection, section, verify that there is a line item for each component RM124 as component for **SG824**,**SG224** as component for **FG428** or **RM324**,**RM424**, and **RM524** as components for **SG524** and **SG724** with the corresponding staging methods and associated staging bins.	There is a line item for each component.	

4.4 Create Staging Warehouse Tasks

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

In this step, you create warehouse tasks for the staging process. The warehouse tasks are for moving the components from the storage bin to the production supply area.

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 opens.	
2	Access App	Open Create Warehouse Tasks - Staging for Production `(/SCWM/STAGE)`.	The Schedule Staging for Production screen, appears.	

3	Make Entries	On the Schedule Staging for Production screen, make the following entries:
		Warehouse Number: **`2950`**
		Manufacturing Order: **`<your manufacturing order>`**
		Select the Period ends at specific time checkbox.
		In the Date and Time input fields, enter values after the requirement date of your manufacturing order.
		Deselect the Test Mode checkbox.
		Choose Run.
			The Display Logs screen appears
			On the bottom section, the following system messages appear for each warehouse order created:
			`Warehouse order <warehouse order number> created`
			`Note down the warehouse order numbers.`	

4.5 Confirm Staging Warehouse Tasks

In this section, you confirm the staging warehouse you created in the previous step.

4.5.1 Variant 1: With Fiori App

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

A warehouse tasks list / pick list is printed and handed over to the Warehouse Operative (EWM), who performs the warehouse tasks and confirms them in the system.

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 Operative (EWM).	The SAP Fiori launchpad is displayed.	
2	Access App	Open Process Warehouse Tasks (F4595).	The Process Warehouse Tasks (F4595) screen appears.	
3	Enter your Warehouse Order	On the Process Warehouse Tasks screen, make the following entries: Warehouse Order: **<Warehouse Order Number from previous step>** Choose Go.	The Warehouse Tasks associated with your warehouse order are displayed.	
4	Choose Warehouse Task	On the Process Warehouse Tasks screen, in the Warehouse Tasks section, choose a Warehouse Task to go into the warehouse task details.	The Warehouse Task screen is displayed.	
5	Maintain Pick-HU	On the Warehouse Task screen, in the Movement Data tab, choose Maintain Pick-HU.	The Maintain Pick-HU dialog box is displayed.	
6	Create Pick-HU	In the Maintain Pick-HU dialog box, select Create Pick-HU.	The Create Pick-HU dialog box is displayed.	
7	Enter Packaging Material	In the Create Pick-HU dialog box, enter a Packaging Material, for example **PMPALLET** and choose Create.	The Maintain Pick-HU dialog box with the newly created Pick-HU is displayed. Note down the HU number.	
8	Return to Warehouse Task Screen	In the Maintain Pick-HU dialog box, select Close.	The Warehouse Task screen is displayed and the Destination Handling Unit dropdown menu is populated with the HU number.	
9	Check Warehouse Task Details	For material **RM424**: Material **RM424** is a batched-managed material. To maintain the batches, continue with steps 10-11	The Warehouse Task screen is displayed.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		For material **RM524**: Material **RM524** is a serialized material. To maintain serial numbers, continue with steps 12-13. For material **RM124** and **SG224**: Continue with step 14.		
10	Maintain Batch (optional)	On the Warehouse Task screen, on the Movement Data tab, choose the batch value help, if the batch is not selected automatically..	The Select: Batch dialg box is displayed.	
11	Select Batch (optional)	In the Select: Batch dialog box, in the Items section, select a batch. Continue with step 14.	The Select: Batch dialog box closes. You have selected a batch.	
12	Maintain Serial Number (optional)	On the Warehouse Task screen, in the Movement Data section, choose No. of Serial Numbers Entered: X / X.	The Serial Number Assignment dialog box is displayed.	
13	Enter Serial Number (optional)	In the Serial Number Assignment dialog box, enter serial numbers in the Enter Serial Number input field until a serial number for every item is selected. Choose Close. Continue with step 14.	You have assigned serial numbers.	
14	Confirm Warehouse Task	On the Warehouse Task screen, choose Confirm.	You have confirmed the warehouse task. The following system message appears: `Warehouse task <ware-house task number> con-firmed.`	

4.5.2 Variant 2: With Radio Frequency Devices

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

The Warehouse Operative (EWM) performs the warehouse tasks and confirms them in the system with a mobile Radio Frequency device.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1.	Log on to the SAP Fiori Launchpad	Log on to the SAP Fiori launchpad as a Warehouse Operative (EWM).	The SAP Fiori Launchpad is displayed.	
2.	Access the SAP Fiori App	Open the SAP Fiori app Test RF Environment `(/SCWM/RFUI)` The app allows you to test working in an RF environment. For working with mobile RF devices, see also SAP Note 3048632.		
3	Enter Data for RFUI	Whse No: **2950** Resource: **SHR1-1** DefPresDvc: **SE01** Choose Enter.		
4	Choose Menu	Choose 01 System-Guided > 02 SystemGuided Queue .		
5	Enter Queue Name	In the Queue field, enter **SR-F01-105** to find the warehouse task for component **RM124**. For all other components, enter **SR-001-105**. Choose Enter.		
6	Create Picking HU	Make the following entries: Pack.Mat: **PMPALLET** Choose HUCrt. The picking HU is created.		
7	Choose Next	Scroll the screen to the right using the icon > and choose Next.		
8	Enter or Verify the Source and Destination Information Fields	Enter or verify the following fields, if they are required: Src.Bin (Source Bin) SrceHU (Source HU) Prod. (Product)		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		ActQty (Quantity) DestHU (Destination HU) Choose Enter.		
9	Enter Serial Number (optional)	Enter a serial number and choose enter in the following field: SN Enter serial numbers for the complete quantity. Field SNsCrt: **xx / xx** indicates the total number of required entries and the number of entries already made. Choose Save.		
10	Verify the Destination Information Fields	Verify the following fields: DstBin (Destination Bin) Choose Enter.		
11	Repeat Steps	Repeat steps 6 to 8 until no suitable warehouse orders are found.		
12	Logoff RFUI	You can choose Back to go to the previous screens. Choose Logoff. Choose Save.		

4.6 Post Consumption of Components

In this section, you post the consumption of the components for your production material request/ production order. You can either post consumption by confirming the production order operations, if the components are set up to backflush or consume the components directly in your warehouse. In case you are testing the process variant with backflush components (materials **FG826** and **SG824** , proceed with the *Confirm Production Operations for Subassembly* step. For non-backflush components, proceed with the *Post Consumption of Components in Warehouse*step.

4.6.1 Variant 1: Confirm Production Operations for Subassembly

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

The confirmation documents include the processing status of orders, operations, sub-operations, and individual capacities. It's an instrument for controlling orders. This process step shows you how to confirm subassembly production order operations for semifinished material **SG824**. A goods movement document is generated when the last operation is confirmed. The backflush is carried out together with the confirmation steps.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log On	Log on to the SAP Fiori launchpad as a Production Operator - Discrete Manufacturing.	The SAP Fiori launchpad displays.	
2	Access the App	Open Confirm Production Operation (F3069).		
3	Enter Production Order and Operation	On the Enter Order and Operation screen, make the following entries and choose Go: ● Order: **<Production Order Number for FG012>** ● Operation: **<operation number>** for example, **<0010>**		
4	Enter Quantities Data	In the Quantities section, make the following entries: ● Yield: **<Quantity of prod. order less scrap>** ● Scrap: **<scrap amount>**		
5	Check Material Movements	In the Material Movements section, check the material list.		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Note The system shows you an overview materials table, for which the material withdraws are done along with operation confirmation. The material **RM124** is , set for backflush (in material master) for withdraws to be done automatically after the operation is confirmed.		
6	Enter Activities Data and Save	In the Activities section, make the following entries: • Setup: **<setup time>** • Machine: **<machine time>** • Labor: **<labor time>** For partial confirmation, choose Post. For final confirmation, choose Post and Complete.	Confirmation is made.	
7	Repeat Steps	Go back and repeat steps 3 to 6 for Operation **0020** and **0030**.		
8	Good Receipt	When all operations are finally confirmed, all materials consumed in production are backflushed.	Backflush for all consumed materials is done.	

4.6.2 Variant 2: Post Consumption of Components in Warehouse

In this section, you post the consumption of the components for your production material request/ production order for materials **SG524**, **SG724** or **FG428** in your warehouse.

4.6.2.1 Variant 1: With Fiori App

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

The Warehouse Clerk (EWM) posts the consumption of the components for the production material request using a Fiori app.

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 opens.	
2	Access App	Open Post Consumption - Production `(/SCWM/MFG_CONSUMPTION)`.	The Consumption by Production screen appears.	
3	Choose Settings	On the Consumption by Production screen, choose Settings on the upper left corner.	The Default Values dialog box appears.	
4	Make Entries	In the Maintain Default Values dialog box, make the following entries: Warehouse Number: **2950** Choose OK.	The Consumption by Production screen appears.	
5	Enter Order Details	On the Consumption by Production - Warehouse Number **2950** screen, make the following entries: Manufacturing Order: **<your manufacturing order number for SG524, SG724, or FG428>** Choose Consumption.	The Consumption by Production - Manufacturing Order: **<your manufacturing order number>, Warehouse 2950** screen appears.	
6	Choose a Stock Item	On the Consumption by Production - Manufacturing Order **<your manufacturing order number>, Warehouse 2950** screen, in the Stock for Consumption section, choose a stock item of component **RM424**, **RM524** or **SG224** you want to post the consumption for.	The Consumption Posting and Additional Manufacturing Order Information sections are updated with information of the stock item you selected.	
7	Choose Serial Number/UII (optional)	In case of component **RM524**, as it is serial number managed, choose Serial Number/UII in the Consumption Posting section if serial numbers was not assigned during staging warehouse task confirmation.	The Serial Number Range dialog box appears.	
8	Make Entries for Serial Numbers (op-	In the Serial Number Range dialog box, enter serial numbers. You can enter numbers individually by entering a single number in field From Serial Number or enter a range by filling fields From Serial Number	In the Serial Number Range dialog box, in the table in the bottom section, the Serial Numbers you entered are displayed. You	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
	tional)	and To Serial Number. Choose Assign Serial Numbers/UII. Assign Serial Numbers for the complete quantity.	have assigned Serial Numbers for the components.	
9	Close Dialog Box (optional)	In the Serial Number Range dialog box, choose Close.	The Consumption by Production - Manufacturing Order: **<your manufacturing order number>, Warehouse 2950** screen appears.	
10	Enter Consumption Posting Details	In the Consumption Posting section, make the following entries: Quantity to consume: **<the quantity you want to consume>**		
11	Choose Post Consumption	Choose Post Consumption.	The following system message appears: `Stock consumed successfully`	
12	Repeat Steps 6 to 8	Repeat steps 6 to 8 until the required quantities of each component are consumed.	You posted the consumption of the required components.	

4.6.2.2 Variant 2: With Radio Frequency Devices

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

The Warehouse Operative (EWM) posts the consumption of the components for the production material request using a radio frequency device.

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 Operative (EWM).	The SAP Fiori Launchpad opens.	
2.	Access App	Open the SAP Fiori app Test RF Environment `(/SCWM/RFUI)` Note The app allows you to test working in an RF environment. For working with mobile RF devices, see also SAP Note 3048632.		
3	Enter Data for RFUI	Make the following entries: Whse No: **2950** Resource: **SHR1-1** DefPresDvc: **SE01** Choose Enter.		
4	Choose Menu	Choose 04 Outbound Process > 04 Consumption > 01 Consumption by Manu. Order .		
5	Enter Manufacturing Order	Make the following entries: ManufOrd: **<your manufacturing order number for SG524 SG724, or FG428>** Choose Enter.		
6	Enter HU Number	Make the following entries: HU/Bin: **<number of pick HU from previous step>** Choose Enter.		
7	Enter Component	Make the following entries if not selected automatically: Prodcut: **RM424**, **RM524** or **SG224**. Choose Enter.		
8	Enter Quantity	Make the following entries: ConsQty: **<quantity to be consumed>**. Choose Enter.	The component has been consumed.	
9	Repeat Steps from 6 to 8	Repeat Steps from 6 to 8 until all required components are consumed.		

4.7 Reverse Consumption of Components (Optional)

In this section, you reverse the consumption of the components in the previous step for your production material request in the warehouse. You can reverse the consumption using a Fiori app or using radio frequency devices.

> Note This step is only relevant for materials **SG524**, **SG724** and **FG428** without backflush components, where you have posted the consumption of the components following section Variant 2: Post Consumption of Components in Warehouse.

4.7.1 Variant 1: With Fiori App

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

The Warehouse Clerk (EWM) reverses the consumption posts of the components for the production material request using an SAP Fiori app.

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 opens.	
2	Access App	Open Post Consumption - Production `(/SCWM/MFG_CONSUMPTION)`.	The Consumption by Production screen appears.	
3	Choose Settings	On the Consumption by Production screen, choose settings on the upper left corner.	The Default Values dialog box appears.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
4	Make Entries	In the Default Values dialog box, make the following entries: Warehouse Number: **2950** Choose OK.	The Consumption by Production screen appears.	
5	Enter Order Details	On the Consumption by Production screen, make the following entries: Manufacturing Order: **<your manufacturing order number for material SG524, SG724 or FG428>** Choose Reversal.	TheReversal by Production - Manufacturing Order **<your manufacturing order number>, Warehouse2950**screen appears.	
6	Choose a Stock Item	On the Reversal by Production - Manufacturing Order: **<your manufacturing order number>, Warehouse 2950** screen, in the Consumed Stock section, choose a stock item you want to reverse the consumption for.	The Reversal Posting and Additional Manufacturing Order Information sections are updated with information of the stock item you selected.	
7	Enter Reversal Posting Details	In the Reversal Posting section, make the following entries: Reversal Quantity: **<quantity you want to reverse>**. Note In case you want to reverse the consumption of serialized material **RM524** partially, specify the serial numbers to post the reversal for. Follow steps 8-9. Otherwise continue with step 10.		
8	Choose Serial Number/UII (optional)	In case you want to reverse the consumption of serialized material **RM524** partially, choose Serial Number/UII in the Reversal Posting section.	The Serial Number Range dialog box appears.	
9	Make Entries for Serial Numbers (optional)	In the Serial Number Range dialog box, enter serial numbers. You can enter numbers individually by entering a single number in field From Serial Number or enter a range by filling fields From Serial Number and To Serial Number. Choose Assign Serial Numbers/UII.	In the Serial Number Range dialog box, in the table in the bottom section, the Serial Numbers you entered are displayed. You have assigned Serial Numbers for the components.	
10	Choose Post Reversal	Choose Post Reversal.	The following system message appears: `Stock reversal successful`.	
11	Repeat Steps 6 to 8	Repeat steps 6 to 8, if you want to reverse the consumption of other components.		

4.7.2 Variant 2: With Radio Frequency Devices

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

The Warehouse Operative (EWM) reverses the consumption posts of the components for the production material request using a radio frequency device.

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 Operative (EWM).	The SAP Fiori Launchpad opens.	
2.	Access App	Open the SAP Fiori app Test RF Environment `(/SCWM/RFUI)` Note The app allows you to test working in an RF environment. For working with mobile RF devices, see also SAP Note 3048632.		
3	Enter Data for RFUI	Make the following entries: Whse No: **2950** Resource: **SHR1-1** DefPresDvc: **SE01** Choose Enter.		
4	Choose Menu	Choose 04 Outbound Process > 04 Consumption > 01 Rev. Cons. by MO/HU .		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
5	Enter Manufacturing Order	Make the following entries: ManufOrd: **<your manufacturing order number for material SG524, SG724 or FG428>**. Choose Enter.		
6	Enter HU Number	Make the following entries: HU/: **<number of pick a HU from previous step>**. Choose Enter.		
7	Enter Quantity	Make the following entries: RevQty: **<quantity to reverse the consumption for>**. Choose Enter. Note In case you want to reverse the consumption of material **RM524**, as it is serialized, enter the full quantity consumed. Reversing the consumption of partial quantities is not supported for serialized components in RF environment.	The consumption of the component was reversed.	

4.8 Clear Production Supply Area (Optional)

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

In this step, you create warehouse tasks to move material, which hasn’t been consumed during the production process from the production supply area back to the final storage bin.

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 opens.	
2	Access App	Open Clear Production Supply Areas `(/SCWM/MFG_STAGING_REVERSAL)`.	The Clear Production Supply Areas `(/SCWM/MFG_STAGING_REVERSAL)` screen appears.	
3	Choose Settings	On the Clear Production Supply Area screen, choose Settings on the top left.	The Maintain Default Values dialog box appears.	
4	Apply Settings	In the Maintain Default Values dialog box, make the following entries: Warehouse Number: **2950** Hours in Past (Consumption Posting): **500** Choose Enter.	The Clear Production Supply Area screen appears.	
5	Enter Search Criteria	On the Clear Production Supply Area - **2950** screen, in the Search Criteria section, set the following criteria: From the left dropdown list, select Production Supply Area as search criteria. From the dropdown list in the center, select equals to as search operator. In the right value field, enter **PSA_03 / 2910** using the value help. Choose Search.	In the bottom half of the screen, in the Stock Without Released Production Material Request section, the stock items matching your search criteria appear.	
6	Release Stock from PMR (optional)	On the Clear Production Supply Area - **2950** screen, in the Stock Without Released Production Material Request Section, select the stock items you want to release from the PMR. Choose Release Reference Document.	The following system message appears: `<number of selected stock items> stock items released`. The selected stock items no longer have references to a production material request or manufacturing order.	
7	Create WT	On the Clear Production Supply Area - **2950** screen, in the Stock Without Released Production Material Request section, select a stock items. Choose Create Warehouse Task.	The following system message appears: `Warehouse task <WT number> created`. Note down the warehouse task number	

4.9 Confirm Warehouse Task for PSA Clearance (Optional)

To confirm the warehouse tasks created to move material back from PSA to the storage bin, follow up with *Confirm Warehouse Tasks* step in Warehouse Inbound Processing test script.

In step *Variant 1: With Fiori App*, use app Process Warehouse Tasks `(F4595)` and search for your warehouse tasks with the help of the warehouse task numbers from previous step. In step *Variant 2: With Radio Frequency Devices* use queue SR-105-001.

4.9.1 Variant 1: With Fiori App

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

A Putaway List is printed and handed over to the Warehouse Operative (EWM). The user performs the warehouse tasks and confirms them in the system. Note that he or she can also confirm warehouse tasks using the app Warehouse Monitor `(/SCWM/MON)` (Business Catalog WM – Monitoring).

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to the SAP Fiori Launchpad	Log on to the SAP Fiori launchpad as a Warehouse Operative (EWM).	The SAP Fiori Launchpad is displayed.	
2	Access the SAP Fiori App	Open the SAP Fiori app Process Warehouse Tasks `(F4595)`.	The Confirm Warehouse Tasks screen appears.	
3	Enter Warehouse Task Number	On the Process Warehouse Tasks screen, make the following entries: Warehouse Task: **<Your warehouse task number>**. Choose Go.		
4	Check Warehouse Task Details	If you would like to check the Serial Numbers assigned, follow step 4-7. Otherwise go directly to step 7. Choose the Warehouse Task to go into the Warehouse Task details.		
5	Choose Serial Number link	On the Warehouse Task screen, in the Movement Data section, choose No. of Serial		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Numbers Entered: X / X.		
6	Check Serial Number	On the Serial Number Assignment screen, check the serial numbers in the List of Serial Numbers. Choose Cancel twice to go back to the Process Warehouse Task screen.		
7	Confirm Warehouse Task	Mark the checkbox for the selected warehouse task and choose Confirm.	The following system message appears: `Warehouse task confirmed`.	

4.9.2 Variant 2: With Radio Frequency Devices

Test Administration

Customer project: Fill in the project-specific parts.

Test Case ID	<X.XX>	Testing Date:	
Tester Name:		Duration:	
Business Role(s):		Responsibility:	**<State the Service Provider, Customer or Joint Service Provider and Customer>**

Purpose

The Warehouse Operative (EWM) performs the warehouse tasks and confirms them in the system with a mobile Radio Frequency device.

> Note For working with mobile RF devices, make sure all the steps as described in the Setup Instruction guide for scope item 63V - Mobile RF Devices in Warehousing have been performed.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to the SAP Fiori Launchpad	Log on to the SAP Fiori launchpad as a Warehouse Operative (EWM).	The SAP Fiori Launchpad is displayed.	
2	Access the SAP Fiori App	Open the SAP Fiori app Test RF Environment (/SCWM/RFUI) Note The app allows you to test working in an RF environment. For working with mobile RF devices, see also SAP Note 3048632.		
3	Enter Data for RFUI	Whse No: **2950** Resource: **SHA1-1** DefPresDvc: **SE01** Choose Enter.		
4	Choose Menu	Choose 01 System-Guided > 02 SystemGuided Queue .		
5	Enter Queue Name	In the Queue field, enter **SR-105-001.** Choose **Enter**.		
6	Choose Next	Scroll the screen to the right using the icon > and choose Next.		
7	Verify the Source Information Fields	Verify the following fields, if they are required: Src.Bin (Source Bin) SrcHU (Source HU) Prod. (Product) A ct Qty (Actual Quantity) ChooseEnter .		
8	Verify the Destination Information Fields	Verify the following fields, if they are required: Prod. (Product) ActQty (Quantity) Dest.Qty (Destination Quantity) DstBin (Destination Bin) ChooseEnter.		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
9	Repeat Steps	Repeat steps 6 to 8 until no suitable warehouse orders are found.		
10	Logoff RFUI	You can choose Back to got to the previous screens. Choose Logoff. Choose Save.		

5 Appendix

5.1 Process Integration

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

5.1.1 Preceding Processes

The following processes and conditions can proceed this process.

<table>
<tr><th>Process</th><th>Business Condition</th></tr>
<tr><td>BJ5 - Make-to-Stock Production - Discrete Manufacturing</td><td>Planned orders are a prerequisite for the process. Make sure the following steps are fulfilled:
1. Anonymous Forecast and MRP
2. Create Planned Independent Requirements
3. Material Requirements Planning at Plant Level
4. Evaluate Stock/Requirements Situation
5. Production Order Conversion and Available-to-Promise Check
6. Conversion to Production Orders for Subassembly and Final Assembly
There are several sets of material master data available for testing the process variants in this test script. Refer to below table for an overview of the scenarios and the associated materials. Once you created the production order, note down the production order number for the semifinished goods:
Table 3:
<table><tr><th>Scenario</th><th>Material Master</th></tr><tr><td>Goods receipt with synchronized goods movement</td><td>FG526, SG524, RM324, RM424, RM524</td></tr><tr><td>Goods receipt with synchronized goods movement, backflush component</td><td>FG826, SG824, RM124</td></tr><tr><td>Goods receipt with deliveries</td><td>FG726, SG724, RM324, RM424, RM524</td></tr></table></td></tr>
<tr><td>BJE - Make-to-Order Production - Finished Goods Sales and Final Assembly</td><td>Planned orders are a prerequisite for the process. Make sure the steps in following sections are fulfilled:
1. MTO Sales Processing (Material w/o Sales Order BoM)
2. Down Payment Processing
3. Production Planning</td></tr>
</table>

Process	Business Condition
	4. Production Processing In section Production Processing, execute step Create Production Order only. Use material **FG428**. Once you created the production order, note down the production order number for the finished good: Table 4: Scenario: Goods receipt with synchronized goods movement — Material Master: **FG428, SG224**

5.1.2 Succeeding Processes

After completing the activities in this test script, you can continue testing the following business processes:

Process	Business Condition
BJ5 - Make-to-Stock Production - Discrete Manufacturing	To complete the production process, follow up with the process step Confirm Production Operations for Subassembly in the Make-to-Stock Production - Discrete Manufacturing test script. Note This succeeding process is relevant for materials **SG524** and **SG724**.
BJE - Make-to-Order Production - Finished Goods Sales and Final Assembly	To complete the production process, follow up with the process step Confirm Assembly Activities in the Production Processing section in - Make-to-Order Production - Finished Goods Sales and Final Assembly test script. Note This succeeding process is relevant for materials **FG428**.
5HO - Warehouse Production Integration with Synchronous Goods Receipt	To receive and putaway the semifinished goods **SG524**, **SG824** or finished good **FG428** in the warehouse, follow up with the process steps in section *Goods Receipt from Production with Synchronous Goods Movements* in the *Warehouse Production Integration with Synchronous GoodsReceipt* test script. As **SG524**, **SG824** and **FG428** arent set up for automatic goods receipt with confirmation of the production order steps, step *Post Goods Receipt for Production Orders (Optional)* is mandatory.
3DV - Warehouse Production Integration	To receive and putaway the semifinished good **SG724** in the warehouse, follow up with the process steps in section *Delivery-Based Goods Receipt from Production* in the *Warehouse Production Integration* test script.

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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