



Test Script

SAP S/4HANA Cloud Public Edition - 17-12-24

SAP EWM Integration - Delivery-Based Production Integration (2VM_CA)

PUBLIC



Table of Contents

1	Purpose	3
2	Prerequisites	4
2.1	Additional Manual Configuration	4
2.2	System Access	4
2.3	Roles	4
2.4	Master Data, Organizational Data, and Other Data	5
2.5	Business Conditions	7
2.6	Preliminary Steps	7
2.6.1	Create Control Cycle for WM	7
2.6.2	Initial Stock Upload	8
2.6.2.1	Data Files for Initial Stock Upload	8
2.6.2.2	Adopt Business Partner ID in .csv Files When Deviating from Default Business Partner Number	8
2.6.2.3	Upload Initial Stock	9
3	Overview Table	11
4	Test Procedures	13
4.1	Anonymous Forecast and MRP	13
4.1.1	Create Planned Independent Requirements	13
4.1.2	Material Requirements Planning at Plant Level	14
4.1.3	Evaluate Stock/Requirements Situation	16
4.2	Convert Planned Order to Production Order	17
4.3	Review Material Availability Status for Production Orders	19
4.4	Release Production Order	20
4.5	Material Staging for Production Order	22
4.6	Display EWM Outbound Delivery Order in SAP EWM	24

4.7	Create Warehouse Task for Staging in SAP EWM	26
4.8	Confirm Warehouse Task for Staging in SAP EWM	28
4.9	Post Goods Issue in SAP EWM	29
4.10	Check Stock Situation	31
4.11	Check Goods Movement for Outbound Delivery for Production Supply (Optional)	32
4.12	Confirm Production Operations	33
4.13	Generate Expected Goods Receipt Document	35
4.14	Create Inbound Delivery with Reference to Expected Goods Receipt in SAP EWM	37
4.15	Post Goods Receipt with Reference to Inbound Delivery in SAP EWM	39
4.16	Check Material Document (Optional)	41
4.17	Create Putaway Warehouse Task for Inbound Delivery	43
4.18	Putaway of Products in SAP EWM	44
4.19	Check Inbound Delivery (Optional)	45
5	Appendix	47
5.1	Generate Expected Goods Receipt Documents in SAP EWM	47
5.2	Process Integration	48
5.2.1	Succeeding Processes	48

1 Purpose

Overview

In this scope item, you manage the staging and consumption of components from the warehouse to production and the receiving and storage of finished products from production into the warehouse. You trigger material staging that leads to the creation of an outbound delivery that is replicated to SAP Extended Warehouse Management (EWM).

The corresponding outbound delivery order (ODO) in SAP EWM serves as the main document for material staging. A warehouse clerk creates warehouse tasks for staging with reference to the ODO. The warehouse worker moves the goods to the production supply area and confirms the warehouse tasks. A goods issue is automatically posted by the system. The stock is transferred from the EWM-managed to the production storage location and is now available for consumption.

After the production process is finished, the generation of expected goods receipts (EGR) documents initiates the receiving of the finished goods from production into the warehouse.

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 Additional Manual Configuration

Before you can test this scope item, you must have completed the additional configuration steps that are described in the *Set-Up Instructions* for this scope item. These configuration steps are specific for your implementation and include mandatory settings that are not delivered by SAP and must be created by you. For more information, follow the link to the document:

[Link to Set-Up Instructions](#)

2.2 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.

2.3 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 Planner	SAP_BR_PRODN_PLNR	Production Planning	SAP_BR_PRODN_PLNR	
Production Supervisor - Discrete Manufacturing	SAP_BR_PRODN_SUPERVISOR_DISC	Production Management - Discrete Manufacturing	SAP_BR_PRODN_SUPERVISOR_DISC	
Production Operator - Discrete Manufacturing	SAP_BR_PRODN_OPTR_DISC	Production Execution - Discrete Manufacturing	SAP_BR_PRODN_OPTR_DISC	

Name (Role Template)	ID (Role Template)	Name (Launchpad Space)	ID (Launchpad Space)	Log On
Shipping Specialist	SAP_BR_SHIPPING_SPECIALIST	Shipping	SAP_BR_SHIPPING_SPECIALIST	
Inventory Manager	SAP_BR_INVENTORY_MANAGER	Inventory Management	SAP_BR_INVENTORY_MANAGER	
Receiving Specialist	SAP_BR_RECEIVING_SPECIALIST	Receiving	SAP_BR_RECEIVING_SPECIALIST	

2.4 Master Data, Organizational Data, and Other 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 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
Plant	2910	Plant 1 CA	
Storage Location	293D	Decentral EWM received on dock	
Storage Location	293S	Decentral EWM available for sales	
Warehouse	293	Decentral EWM-managed warehouse in SAP S/4HANA	
Production Supply Area	PSA-I003		
Material	SG124	Semifinished Good Subassembly	
Material	RM124	RAW Material Ext. Procurement Consumption based	
Bill of Material	BoM for SG124, alternative BoM 3	Alternative BoM number 3	PSA value assigned to component RM124 in the BoM

Organizational Master Data in the SAP EWM System:

Org. Master Data	Value	Master Data Details	Comments
Supply Chain Unit	YWAREHOUSE-2930		
EWM Warehouse Number	2930		
Custodian	29412910		
Entitled to Dispose	29412910		
Goods Receipt Office	PL1010		

Warehouse-Specific Master Data:

Org. Data	Value	Org. Data Details	Comments
Storage Type	Y001	General Storage	
Storage Type	Y002	General Storage Picking Area	
Storage Type	Y915	Goods Receipt in Production	

MDS	Description
BNR	Create Product Master of Type "Raw Material"
BNS	Create Product Master of Type "Semi-Finished Good"
BNK	Create Material BOM for Production and Sales
3KS	Create Warehouse Master Data for Production Supply

2.5 Business Conditions

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

Scope Item ID	Business Condition
BNZ - Create New Open MM Posting Period	You have completed the step described in the Create New Open MM Posting Period master data script. Posting Period is up to date.

2.6 Preliminary Steps

2.6.1 Create Control Cycle for WM

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 to SAP Fiori launchpad	Log on to the SAP Fiori Launchpad as a Production Supervisor - Discrete Manufacturing.	The SAP Fiori launchpad displays.	
2	Access the App	Open Create Control Cycle for WM (LPK1).	The Create Control Cycle displays.	
3	Enter the data	Make the following entries and choose Continue : Material: RM124 Plant: 2910 Supply Area: PSA-I003	The Create Control Cycle: Data Screen (WM) screen displays.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
4	Enter the Control Cycle Details	Make the following entries and choose Enter : Destination section: Staging Ind.: 3 Source section: Stor. Location: 293S Warehouse No.: 293	The Destination Stor. Location and Source Issuing Plant fields are automatically filled by the system. The Source Warehouse No. is not for input initially and will be automatically filled after entering the Source Storage Location.	Staging indicator 3 is used for Release Order Parts. If you use Pick Parts, use Staging Indicator 1.
5	Save	Choose Save	You have created control cycle for material RM124 .	

2.6.2 Initial Stock Upload

2.6.2.1 Data Files for Initial Stock Upload

In order to run this business process, you may need to create stock for the example products.

To provide full pallets into the General Storage (StType Y001) and General Storage Picking Area (StType Y002), you can apply the 'isu_Y001_Y002_ProInt.csv' file:

The CSV file is contained in the file Initial_Stock_Upload_Data_DE.zip, which can be downloaded from the SAP Note 2620457.

2.6.2.2 Adopt Business Partner ID in .csv Files When Deviating from Default Business Partner Number

The sample .csv files provided for you to use when uploading the stock data contain a default ID,

29412910

This ID is for the business partner (representing the plant) which is used in its roles as [Owner](#) and [Party Entitled to Dispose](#).

If you change the default ID, for example, because your plant has a different ID and/or you used a different prefix, other than

29412910, you update that value for the business partner in all .csv files. Otherwise, the upload transaction fails, indicating that the business partner does not exist.

You must find and replace the business partner ID, **29412910**, with your actual ID in all of the provided files.

2.6.2.3 Upload Initial Stock

Use

In a real business case, the raw materials are purchased from external suppliers; in that case that process is covered by the standard purchasing processes. For the purpose of this test, we post initial stock upload directly to the Storage Locations **293S**, which is triggered from EWM.

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 process step, you upload the initial stock.

Procedure

Transaction Code		SAP EWM Menu		
/SCWM/ISU		SAP Menu > SCM Extended Warehouse Management > Extended Warehouse Management > Interfaces > Data Upload > Stock Data Transfer		
Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Access the Trans-action	Access the transaction using one of the navigation options above.		
2	Enter the Data	On the Stock Data Transfer screen, ensure that the following fields are complete:		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Warehouse Number: 2930 Language: English Number of HUs per posting: 50 Do not Post Data in ERP: Local File: X Display Data: X		
3		Choose Open Folder . Choose Import . Locate the following .csv files on your computer. isu_Y001_Y_002_ProInt.csv Choose Upload the File for Initial Stock Upload Open . The system displays the path and file name of the selected .csv file. On the Stock Data Transfer screen, choose Upload . Choose OK .	On the Stock Data Transfer screen, the uploaded rows from the .csv file are displayed.	
4	Upload the Initial Stock	Choose Start Stock Data transfer (F8) Record the number of the warehouse material document for later use.	Upload the File for Initial Stock the message Warehouse Material Document ##### is displayed in the lower part of the screen.	

Result

The material document has been saved and is being stored in the database.

3 Overview Table

Procedure

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

Process Step	Business Role	Transaction/App	Expected Results
Create Planned Independent Requirements [page] 13	Production Planner	Maintain PIRs (F3445)	The Maintain PIRs (F3445) screen displays.
Material Requirements Planning at Plant Level [page] 14	Production Planner	Schedule MRP Runs (F1339)	The Schedule MRP Runs (F1339) screen displays.
Evaluate Stock/Requirements Situation [page] 16	Production Planner	Monitor Material Coverage Net/Individual Segments	The Monitor Material Coverage (obsolete) - Net Segments (F0247) screen displays.
Convert Planned Order to Production Order [page] 17	Production Planner	Check Material Coverage (F0251)	The Manage Material Coverage screen displays.
Review Material Availability Status for Production Orders [page] 19	Production Supervisor - Discrete Manufacturing	Manage Production Orders (F2336)	The Manage Production Orders (F2336) screen displays.
Release Production Order [page] 20	Production Supervisor - Discrete Manufacturing	Manage Production Orders (F2336)	The Manage Production Orders (F2336) screen displays.
Material Staging for Production Order [page] 22	Production Operator - Discrete Manufacturing	Stage Materials for Production (MF60)	The Material Staging for Planned Orders screen displays.
Display EWM Outbound Delivery Order in SAP EWM [page] 24		/SCWM/PRDO	The Maintain Outbound Delivery Order screen displays
Create Warehouse Task for Staging in SAP EWM [page] 26		/SCWM/TODLV_O	The Create Warehouse Task - Warehouse Number number - Stock Removal screen appears
Confirm Warehouse Task for Staging in SAP EWM [page] 28		/SCWM/TO_CONF	The Confirm Warehouse Task in Warehouse Number number screen appears.
Post Goods Issue in SAP EWM [page] 29		/SCWM/PRDO	The Maintain Outbound Delivery Order screen displays
Check Stock Situation [page] 31	Inventory Manager	Stock - Single Material	The Stock - Single Material screen displays.
Check Goods Movement for Outbound Delivery for Production Supply (Optional) [page] 32	Inventory Manager	Material Documents Overview (F1077)	The Material Documents Overview (F1077) screen appears.

Process Step	Business Role	Transaction/App	Expected Results
Confirm Production Operations [page] 33	Production Operator - Discrete Manufacturing	Confirm Production Order Operation (CO11N)	The Enter Time Ticket for Production Order screen displays.
Generate Expected Goods Receipt Document [page] 35	Receiving Specialist	Expected Goods Receipt (F3298)	The Expected Goods Receipt (F3298) screen appears
Create Inbound Delivery with Reference to Expected Goods Receipt in SAP EWM [page] 37		/SCWM/GRPI	The GR Preparation - Production (Warehouse Number number) screen appears.
Post Goods Receipt with Reference to Inbound Delivery in SAP EWM [page] 39		/SCWM/GR	The Goods Receipt (Warehouse Number number> screen appears.
Check Material Document (Optional) [page] 41	Inventory Manager	Material Documents Overview (F1077)	The Material Documents Overview (F1077) screen is displayed.
Create Putaway Warehouse Task for Inbound Delivery [page] 43		/SCWM/TODLV_I	The Create Warehouse Task - Warehouse Number number - Putaway screen appears.
Putaway of Products in SAP EWM [page] 44		/SCWM/TO_CONF	The Confirm Warehouse Task in Warehouse Number number screen appears.
Check Inbound Delivery (Optional) [page] 45	Receiving Specialist	Display Inbound Delivery (VL33N)	The Display Inbound Delivery (VL33N) screen appears.

4 Test Procedures

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

4.1 Anonymous Forecast and MRP

4.1.1 Create Planned Independent Requirements

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

Planned independent requirements are used to perform demand management functions. A planned independent requirement contains one planned quantity and one date, or a number of planned independent requirements schedule lines, such as one planned quantity split over time according to dates.

Note Instead of creating a single requirement, sometimes a requirements plan that includes one or more planned independent requirements can be maintained for mass processing. In this case, the requirements are grouped and maintained under a requirement plan number.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to SAP Fiori launchpad	Log on to the SAP Fiori Launchpad as a Production Planner.	The SAP Fiori launchpad displays.	
2	Access the App	Open Manage PIRs (Obsolete) - Replaced by Maintain PIRs (F1079).	The Manage PIRs (Obsolete) - Replaced by Maintain PIRs (F1079) screen displays.	
3	Check Default Area of Responsibility	On the Manage PIRs (Obsolete) - Replaced by Maintain PIRs (F1079) screen, click your user name and choose Area of Responsibility . Check that only this entry is displayed there: Plant 1 CA	If there is no entry Plant 1 CA in the Area of Responsibility screen, choose Add to select it and then choose OK . For other plant entries in the Area of Responsibility screen, choose Delete to remove the others and then choose OK .	
4	Select Material	On the Manage PIRs (Obsolete) - Replaced by Maintain PIRs (F1079) screen, enter material SG124 as a filter.		
5	Filter Result	Choose Go to execute.	Material item displays.	
6	Select Material Item	Choose the material item to display the Draft PIRs field.	The Manage PIRs (Obsolete) - Replaced by Maintain PIRs (F1079) view displays.	
7	Draft PIRs	Add 8 PC .		
8	Save PIRs draft	Choose Save Draft (bottom right).	The PIRs Draft is saved.	
9	Release PIRs	Choose Release PIRs (bottom right).	The PIRs are released.	

4.1.2 Material Requirements Planning at Plant Level

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 aim of material requirement planning is to tailor available capacities and receipts on time to suit requirement quantities. You can use MRP or consumption-based planning for this purpose. Single-item multilevel requirement planning is performed.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to SAP Fiori launchpad	Log on to the SAP Fiori Launchpad as a Production Planner.	The SAP Fiori launchpad displays.	
2	Access the App	Open Schedule MRP Runs (F1339).	The Schedule MRP Runs (F1339) . screen displays.	
3	Enter Basic Parameters for New Job	Choose New (middle right section). In the New Jobs screen, make the following entries: Job Template:Material Requirement Planning (MRP) . Job Name: MRP for SG124 . Start Immediately: x . Plant: 2910 . Test Data Management - Data Migration Content (F2615) : SG124 . All Order BOM Components: x . Planning Mode: 1 .		
4	Schedule New Job	On the New Job screen, choose Schedule (bottom-right section).	The new job is created and it displays in the table of Schedule MRP Runs (F1339) .	
5	Refresh Application Jobs List	To check the status of the job you created, choose Go at the top-right section of the screen.	The Schedule MRP Runs (F1339) table is refreshed.	

4.1.3 Evaluate Stock/Requirements Situation

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

After the requirement planning has been performed, you want to display the stock/requirements situation for the semifinished good SG124 in the stock/requirements list.

Prerequisite

Requirement planning has been carried out.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to SAP Fiori launchpad	Log on to the SAP Fiori Launchpad as a Production Planner.	The SAP Fiori launchpad displays.	
2	Access the App	Open Monitor Material Coverage Net/Individual Segments .	The Monitor Material Coverage (obsolete) - Net Segments (F0247) screen displays.	
3	Select Material	Mark the checkbox for the following materials, and then choose Manage Materials (bottom right). Test Data Management - Data Migration Content (F2615) : SG124	The Test Data Management - Data Migration Content (F2615) screen and Material Details screen display.	
4	Review	Choose the corresponding material on the Test Data Management - Data Migration Content (F2615)	The detailed Stock/Requirements List for each material	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
	Stock/Requirements List	screen on the left.	displays.	
5	Display Planned Order	<p>From the list on the Test Data Management - Data Migration Content (F2615) screen on your left, select the material for which you want to check the planned order.</p> <p>Test Data Management - Data Migration Content (F2615) : SG124</p> <p>On the Material Details screen, choose PldOrd number in column MRP Element.</p> <div> <p>Note The BOM explosion during the MRP run has generated dependent requirements for the demand-driven planned components. If inventory does not cover the requirements, planned orders are created for in-house-produced materials and purchase requisitions for externally procured materials.</p> </div>	<p>The selected planned order displays on the screen.</p> <p>If there is no shortage for those materials, the planned order will not be generated.</p> <p>If you want to display more information about the planned order, on the right bottom of this dialog box, choose Open Planned Order.</p>	

4.2 Convert Planned Order to 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

The daily MRP run creates planned orders for goods that are to be produced internally. When the planned opening date is reached, the planned orders are converted to production orders.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to SAP Fiori launchpad	Log on to the SAP Fiori Launchpad as a Production Planner.	The SAP Fiori launchpad displays.	
2	Access the App	Open Check Material Coverage (F0251).	The Find Material screen displays.	
3	Select Material	Enter Material number and select Plant and Shortage Definition. Then choose OK. Test Data Management - Data Migration Content (F2615) : SG124 Plant: 2910 Shortage Definition: MRP Standard	The Manage Material Coverage screen display.	
4	Find Planned Order	Choose the generated planned order. <div>Note If no planned orders were generated, there is sufficient stock for material SG124. Increase the PIRs quantity and test from the beginning with create PIRs and run MRP</div>	The PIOrd order number dialog box appears.	
5	Change Planned Order	Choose Open...Planned Order .	The Change Planned Order: Stock order screen appears.	
6	On the Change Planned Order: Stock order screen, in the Other Data section, changes the Production Version from 0001 to 0099.	On the Change Planned Order: Stock order screen, in the Other Data section, change the Production Version from 0001 to 0099 .	The Production Version oooX uses an Alternative BoM 3, with which the production with PSA is enabled.	
7	Save your entries	Save your entries	The following system message appears: Planned order number changed	
8	Choose Back.	Choose Back .	The Manage Material Coverage screen appears.	
9	On the Manage Material Coverage screen, select the planned order.	On the Manage Material Coverage screen, Select Convert from Action dropdown list.	The Planned Order <PIOrd number> dialog box appears.	
10	Convert to Production Order.	In the Change Planned Order <PIOrd number> dialog box, choose Convert to Production Order and confirm End Date and Quantity . Choose OK .		
11	Choose OK.	To confirm the conversion, choose OK .	The following system message appears: Produc-	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
			tion order number has been created	
12	Make a note of the Production Order number	Make a note of the Production Order number: _____.		

4.3 Review Material Availability Status for Production Orders

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>

Prerequisite

Production orders are created.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to SAP Fiori launchpad	Log on to the SAP Fiori Launchpad as a Production Supervisor - Discrete Manufacturing .	The SAP Fiori launchpad displays.	
2	Access the App	Choose Home on top of the screen to open All My Apps list. In the App list, choose Production Control (Discrete) - Order Management and then choose Manage Production Orders (F2336) .	The Manage Production Orders (F2336) screen displays.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
3	Check Default Area of Responsibility(supervisor)	<p>On the Manage Production Orders (F2336) screen, make the following entries:</p> <p>To check Default Area of Responsibility (supervisor), select the user (from the top-left corner): App Settings > Area of Responsibility Production Supervisor. Check only this entry is displayed:</p> <p>Plant 1: 2910.</p> <p>MTS DI - Valuated (YB1).</p>	<p>If no entry Plant 1 2910 in the Area of Responsibility(Supervisor) screen, choose Add to select it and then choose OK .</p> <p>For other plant entries in the Area of Responsibility (Supervisor) screen, choose Delete to remove the others and then choose OK.</p>	
4	Select Production Order	<p>On the Manage Production Orders (F2336) screen, enter the following search condition as filter.</p> <p>Choose Adapt Filters to display more selection filter. Choose More filters under Production Orders. Check the checkbox for Test Data Management - Data Migration Content (F2615) and Production Plant and choose OK.</p> <p>Choose Go.</p> <p>Status: Created.</p> <p>Test Data Management - Data Migration Content (F2615) : SG124.</p> <p>Production Plant: 2910.</p> <p>Choose Go to execute.</p>	<p>The Manage Production Orders (F2336) screen displays.</p> <p>Material and Production Plant fields are then added to filter bar.</p>	
5	Review Material availability status	<p>Check the Missing Components icon on the right part of the order.</p> <p>Select the icon to display missing parts list.</p>	<p>The Issue Details dialog box appears.</p> <p>The following missing parts are expected for SG124.</p> <p>Components Missing.</p> <p>RM124</p> <p>The shortage of raw materials to be supplied after the Material Staging step.</p>	

4.4 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 status [REL](#) (released).

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to SAP Fiori launchpad	Log on to the SAP Fiori Launchpad as a Production Supervisor - Discrete Manufacturing.	The SAP Fiori launchpad displays.	
2	Access the App	Open Manage Production Orders (F2336) .	The Manage Production Orders (F2336) screen displays.	
3	Check Default Area of Responsibility(supervisor)	On the Manage Production Orders (F2336) screen, make the following entries: To check Default Area of Responsibility (supervisor), select the user (from the top-left corner): App Settings > Area of Responsibility Production Supervisor . Check that only this entry is displayed: 2910 . MTS DI - Valuated (YB1) .	If no entry Plant 1 2910 in the Area of Responsibility(Supervisor) screen, choose add to select it and then choose OK . For other plant entries on the Area of Responsibility (Supervisor) screen, choose Delete to remove the others and then choose OK	
4	Select Production Order	Enter the following search condition as filter. Choose Adapt Filters to display more selection filter. choose More filters under 'Material' and 'Plant'. Check the checkbox for Test Data Management - Data Migration Content (F2615) and Plant and choose Go . Choose OK . Material and Plant fields are then added to filter bar. Status: Created Test Data Management - Data Migration Content (F2615) : SG124 . Plant: 2910 . Choose Go to execute.	The Manage Production Orders (F2336) screen displays.	
5	Select Order	On the Manage Production Orders (F2336) screen, Select your Production Order by checking the checkbox beside the order number.	The Manage Production Orders (F2336) screen displays.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Choose Edit .		
6	Edit Order	On the Production Order Change: Header screen. In Goods Receipt tab page Receipt section, make the following entries: Stor. Location: 293S .		
7	Execute Release	Choose More > Functions > Release .	The Release Order dialog box appears.	
8	Release Order.	In the Release Order dialog box, choose Release Order .	The following system message appears: Release carried out (Please check log)	
9	Save your entries	Save your entries	The following system message appears: Order number <number> saved	

4.5 Material Staging for 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

In this activity, you stage materials for production. In case, there is sufficient stock available on the production storage location no line items are generated.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to SAP Fiori launchpad	Log on to the SAP Fiori Launchpad as Production Operator - Discrete Manufacturing.	The SAP Fiori launchpad displays.	
2	Access the App	Open Stage Materials for Production (MF60) .	The Material Staging for Planned Orders screen displays.	
3	Enter Details	On the Material Staging for Planned Orders screen, make the following entries: Staging Types . Select the SLoc Level checkbox. Select the EWM Rel. Parts checkbox. Plant: 2910 .	The Pull List: Storage Location Level screen displays.	
4	Set Global Settings	Select More - Global Settings (F5) . In the Display section, uncheck the Stor.loc. view w/o kanban parts checkbox. Choose Continue .		
5	Navigate to the Production/Process Orders tab.	Navigate to the Production/Process Orders tab.		
6	Enter Order	On the Production/Process order tab, make the following entries: Production Order: <your production Order Number> . Components Materials: RM124 .		
7	Choose Execute.	Choose Execute .	The Pull List: Storage Location Level screen appears.	
8	Choose Replenishment Elements	Select the required line items from the left-hand margin and choose Replenishment Proposal from the top of the screen.	The Quantity staged field is populated.	
9	Choose Replenishment Elements	Review the staged quantity and choose Replenishment Elements .	The Replen. Elements table appears.	
10	Check or Enter Replenishment Storage Location	On the bottom half of the split screen, select the lines and check or make the following entries: Replenishment storage location: 293S .		
11	Choose Stage	Select the Replenishment Element line and then choose Stage at the	The Staging cell is populated with Element Checked: OK .	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		middle of the screen.		
12	Save	Choose Save .	Missing materials are transferred to the shop floor from the designated storage area. The shortage of raw material for production order is supplied with this step.	

4.6 Display EWM Outbound Delivery Order in SAP EWM

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

Check whether outbound delivery order in EWM is created for staging.

Procedure

Transaction Code /SCWM/PRDO

[/SCWM/PRDO](#) [SAP Menu > SCM Extended Warehouse Management > Extended Warehouse Management > Delivery Processing > Outbound Delivery > Maintain Outbound Delivery Order .](#)

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Access Transaction	Access the transaction using one of the navigation options above.		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
2	Maintain Default Values	If the Maintain Default Values (CX0AA) dialog box appears, make the following entries: Warehouse No.: 2930 .	The Maintain Outb. Deliv. Order - Warehouse No 2930 screen appears.	
3	Choose Continue (Enter).	In the Maintain Default Values (CX0AA) dialog box, choose Continue (Enter) .		
4	Maintain Default Values	On the Maintain Outb. Deliv. Order - Warehouse No 2930 screen, choose Maintain Default Values (CX0AA) or F5	The Maintain Default Values (CX0AA) dialog box appears.	
5	Check Default Values	In the Maintain Default Values (CX0AA) dialog box, make or check the following entries: Warehouse No: 2930 .		
6	Choose Continue (Enter).	In the Maintain Default Values (CX0AA) dialog box, choose Continue (Enter) .		
7	Open Advanced Search	On the Maintain Outbound Delivery Order - Warehouse Number screen, choose Open Advanced Search .	The Advanced Search sub screen appears	
8	Enter purchase order number	On the Advanced Search sub screen in the Search Crit. 1 tab, make the following entries: Document Type: OPS . Goods Issue Status (Item): 1 .		
9	Choose Advanced Search	Choose Advanced Search .	The following system message appears: Number Documents Read. The Outbound Delivery appears in the table.	
10	Choose Close Advanced Search.	Choose Close Advanced Search .		
11	In the search result, select an Outbound Delivery Order.	In the search result, choose a Outbound Delivery Order .		
12	Note down the Document	Note down the Outbound Delivery Order number		
13	Navigate to the Reference Documents tab.	Navigate to the Reference Documents tab.		
14	On the Reference Documents tab, check the ERP document field.	On the Reference Documents tab, check the Reference Document Number field.		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
15	Note down Reference Document Number	Make a note of the Reference Document Number (SAP S/4HANA Outbound Delivery) number: _____.		

4.7 Create Warehouse Task for Staging in SAP EWM

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

Create warehouse tasks for outbound delivery order.

Procedure

Transaction Code SAP EWM Menu

[/SCWM/TODLV_O](#) SAP Menu > SCM Extended Warehouse Management > Extended Warehouse Management > Work Scheduling > Create Warehouse Task for Warehouse Request > Stock Removal for Outbound Delivery Order

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Access Transaction	Access the transaction using one of the navigation options above.	The Create Warehouse Task - Warehouse Number number - Stock Removal screen appears.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
2	Maintain Default Values	If the Maintain Default Values (CX0AA) dialog box appears, make the following entries: Warehouse No: 2930 .	The Create Warehouse Task - Warehouse Number number - Stock Removal screen appears.	
3	Choose Continue (Enter).	In the Maintain Default Values (CX0AA) dialog box, choose Continue (Enter).		
4	Maintain Default Values	On the Create Warehouse Task - Warehouse Number 2930 - Stock Removal , choose Maintain Default Values (CX0AA) or F5	The Maintain Default Values (CX0AA) dialog box appears	
5	Check Default Values	In the Maintain Default Values (CX0AA) dialog box, make or check the following entries: Warehouse No: 2930 .		
6	Choose Continue (Enter).	In the Maintain Default Values (CX0AA) dialog box, choose Continue (Enter).		
7	Enter warehouse request number	Make the following entries: Find: Warehouse Request your warehouse request number <div>Note Enter the Document number from the previous step.</div>		
8	Choose Perform Search.	Choose Perform Search .	The Warehouse Request appears in the table.	
9	Navigate to Warehouse Request tab.	Navigate to Warehouse Request tab.		
10	Select All.	On the Warehouse Request tab in the table, choose Select All .		
11	Choose Create + Save.	On the Warehouse Request tab, choose Create Warehouse Task .	The following system message appears: <number> warehouse tasks were created	
12	Save your entries	Save your entries.	The following system message appears: Warehouse order <number> created You can also choose the Message Log (Shift F12) to display created Warehouse Order number.	
13	Note down the warehouse order	Note down the warehouse order for testing purposes.		

4.8 Confirm Warehouse Task for Staging in SAP EWM

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

Confirm warehouse tasks for outbound delivery order.

Procedure

Transaction Code		SAP EWM Menu		
/SCWM/TO_CONF		SAP Menu > SCM Extended Warehouse Management > Extended Warehouse Management > Execution > Confirm Warehouse Task		
Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Access Transaction	Access the transaction using one of the navigation options above.	The Confirm Warehouse Task in Warehouse Number <number> screen appears.	
2	Choose Find Warehouse Order	On the Confirm Warehouse Task in Warehouse Number <number> screen, from the Find dropdown list choose Warehouse Order .		
3	Enter warehouse order number	Make the following entries: Find: Warehouse Order your warehouse order number.		
4	Choose Perform Search.	Choose Perform Search .	The following system message appears: Selection produced <number> results.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
			The Warehouse Order appears in the View.	
5	Select the Warehouse Order.	In the List View choose the Warehouse Order .		
6	Choose Confirm in Foreground	Choose Confirm in Foreground .	The warehouse task(s) appear on the tab Product WT .	
7	Navigate to the Product WT tab	Navigate to the Product WT tab.		
8	Choose the warehouse task(s)	On the Product WT tab in the warehouse task table, choose the warehouse task(s).		
9	Choose Confirm in Foreground	Choose Confirm in Foreground .	WT Status is updated to Confirmed in Foreground .	
10	Save your entries	Save your entries	The following system message appears: Warehouse task <warehouse task number> was confirmed	

4.9 Post Goods Issue in SAP EWM

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 goods issue (GI) is posted for the staging outbound delivery.

Procedure

Transaction Code /SCWM/PRDO

/SCWM/PRDO [SAP Menu > SCM Extended Warehouse Management > Extended Warehouse Management > Delivery Processing > Outbound Delivery > Maintain Outbound Delivery Order](#)

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Access Transaction	Access the transaction using one of the navigation options above.		
2	Maintain Default Values	If the Maintain Default Values (CX0AA) dialog box appears, make the following entries: Warehouse No: 2930 .	The Maintain Outb. Deliv. Order - Warehouse No 2930 screen appears.	
3	Choose Continue (Enter).	In the Maintain Default Values (CX0AA) dialog box, choose Continue (Enter) .		
4	Maintain Default Values	On the Maintain Outb. Deliv. Order - Warehouse No 2930 screen, choose Maintain Default Values or F5.	The Maintain Default Values (CX0AA) dialog box appears.	
5	Check Default Values	In the Maintain Default Values (CX0AA) dialog box, make or check the following entries: Warehouse No: 2930 .		
6	Choose Continue (Enter).	In the Maintain Default Values (CX0AA) dialog box, choose Continue (Enter) .		
7	Enter Outbound Delivery Order number	On the Maintain Outbound Delivery Order - Warehouse Number number screen, make the following entries: Find: Outbound Delivery Order your Outbound Delivery Order number .	The Advanced Search sub screen appears.	
		<div>Note Enter the Outbound Delivery Order number from the previous step.</div>		
8	Choose Perform Search.	Choose Perform Search .	The Warehouse Request appears in the table.	
9	Select an Outbound Delivery Order.	In the search result, choose the Outbound Delivery Order .		
10	Post Goods Issue	Choose Goods Issue + Save .		

4.10 Check Stock Situation

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

Check in the SAP S/4HANA system if the stock is staged to the production supply storage location.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to SAP Fiori launchpad	Open the SAP Fiori Launchpad as a Inventory Manager.	The SAP Fiori launchpad displays.	
2	Open App	Open Stock - Single Material .	The Stock - Single Material screen displays.	
3	Enter Material number	On the Stock - Single Material screen, make the following entry: Test Data Management - Data Migration Content (F2615) : RM124 .	The Stock overview on the Plant/Storage Location level is displayed.	
4	Check stock	Check the stock for plant 2910 and storage location 291B .	The required stock for the production order is displayed in the Unrestricted-Use Stock segment.	

4.11 Check Goods Movement for Outbound Delivery for Production Supply (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

Check in SAP S/4HANA whether the goods issue material document is posted for outbound delivery.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on	Open the SAP Fiori Launchpad as a Inventory Manager.	The SAP Fiori launchpad is displayed.	
2	Access the App	Choose Material Documents Overview (F1077).	The Material Documents Overview (F1077) screen appears.	
3	Change Settings	In section Material Documents , choose Settings on the right-hand side.	The View Settings dialog box appears.	
4	View Settings	In the View Settings dialog box, choose the column for Goods Movement Type .		
5	Confirm	Choose OK.		
6	Enter Selection Data	On the top of the screen, make the following entries: Stock Change : Transfer Posting . Stock Change Level : Plant . Plant : 2910 . Storage Location : 293S .		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
		Test Data Management - Data Migration Content (F2615): RM124 . Posting Date: <the date when you putaway the stock in the warehouse.>.		
7	Check the Material Document	Choose Go .	Material documents are listed.	
8	Note down Material Document Number	Note down the number of the Material Document Item with Goods Movement Type: TF SLoc to SLoc (411) .		
9	Select Material Document	Choose SAP S/4HANA Material Document .		
10	Check Delivery Note Field	On the General Information tab, compare the Delivery Note with the reference Warehouse Material Document from the previous step.	The Delivery Note is equal to the reference Warehouse Material Document from the previous step.	

4.12 Confirm Production Operations

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

Confirm the production order to post consumption via backflush.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to SAP Fiori launchpad	Log on to the SAP Fiori Launchpad as a Production Supervisor - Discrete Manufacturing.	The SAP Fiori launchpad displays.	
2	Access the App	Open Confirm Production Operation (F3069).	The Perform Work screen displays.	
3	Enter Production Order and Operation	On the Perform Work screen, make the following entries: Order : Production Order Number you noted down. Operation : For example, operation 0010.		
4	Enter Fields in Quantities Section	In section Quantities , make the following entries: Yield : enter the amount you want to Confirm. Scrap : enter the amount you want to Scrap.		
5	Check Material Movements	In section Material Movements , check the material list.	The system shows you an overview table of all materials for which the withdrawing is done automatically with the confirmation of the operation. The material RM124 is set for backflush (in the material master) so that the withdrawing is done automatically after you confirm the operation.	
6	Enter Fields in Activities Section	In section Activities , make the following entries: Setup : enter the setup time you want to confirm for this operation Machine : enter the machine time you want to confirm for this operation Labor : enter the labor time you want to confirm for this operation		
7	Save your entries	Choose Post and Complete to make final confirmation for this operation.	Confirmation has been created. If you want to make a partial confirmation, you can choose Post .	
8	Repeat Steps	Go back and repeat the steps 3–7 for operation number 0020 and save your entries.		

4.13 Generate Expected Goods Receipt Document

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

Generate an Expected Goods Receipt (EGR) document for the production order. You can also perform this step in the SAP EWM system as a 'Pull' method with transaction code /SCWM/ERP_EGR_DELETE.

Use

In this process, the expected goods receipt functionality is used for the production order based on the creation of inbound deliveries in EWM. The EGR is created in the SAP S/4HANA system.

Note Alternatively, the EGR document can be created in the SAP EWM system. If you choose to do so, you can refer to chapter *Create EGR Document in the SAP EWM System* in the Appendix.

In productive systems, this job is scheduled as a background job. For more information, see the *Solution Operation Guide for SAP EWM* in the SAP Help Portal.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on to SAP Fiori launchpad	Log on to the SAP Fiori Launchpad as a Receiving Specialist.	The SAP Fiori launchpad is displayed.	
2	Access the App	Open Expected Goods Receipt (F3298)	The Expected Goods Receipt (F3298) screen appears.	
3	Create new Entry	On the Expected Goods Receipt screen, choose New .	The Schedule Expected Goods Receipt screen appears.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
4	Select Job Template	On the New Job screen in the General Information tab, make the following entries: Job Template: Expected Goods Receipt . Job Name: Expected Goods Receipt for SG124.		
5	Select Scheduling Options	On the Scheduling Options tab, make the following entries: choose Start Immediately checkbox.		
6	Select Parameters	On the Parameters tab, make the following entries: In the SAP EWM Parameters section: Warehouse Number: 293. Choose the Create Expected Goods Receipts in the Delivery Date/Scheduled End Date: Time Range section Selection Start Date: Production Order date - one week. Selection Start Time: 00:00:00. Selection End Date: Production Order date + one week. Selection End Time: 23:59:59.		
7	Select the Activate PP Selection checkbox.	In the Selection Area for Production Orders/Process Orders section, make the following entries: Choose Activate PP Selection checkbox. Order: <Production Order Number you noted down>.		
8	Deselect the Activate PO/SA Selection checkbox.	In the Selection Area for Purchase Orders/Scheduling Agreements section, deselect the Activate PO/SA Selection checkbox.		
9	Choose Check	On the New Job screen, choose Check .	The following system message appears: You can go ahead and schedule the job.	
10	Choose Schedule	On the New Job screen, choose Schedule .	The following system message appears: Job Expected Goods Receipt for SG124 has been scheduled.	

4.14 Create Inbound Delivery with Reference to Expected Goods Receipt in SAP EWM

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

Create an inbound delivery in SAP EWM with reference to expected goods receipt document.

Procedure

Transaction Code		SAP EWM Menu		
/SCWM/GRPI		SCM Extended Warehouse Management > Extended Warehouse Management > Delivery Processing > Inbound Delivery > GR Preparation - Production		
Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Access Transaction	Access the transaction using one of the navigation options above.	The GR Preparation - Production (Warehouse Number <number>) screen appears.	
2	Maintain Default Values	If the SAP dialog box appears, make the following entries: Warehouse No:2930 .		
3	Choose Continue (Enter).	In the SAP dialog box, choose Continue (Enter) .		
4	Maintain Default Values	On the GR Preparation - Production (Warehouse Number number) screen, choose Maintain Default Values (CX0AA) or F5	The GR Preparation - Production (Warehouse Number <number>) dialog box appears.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
5	Check Default Values	In the GR Preparation - Production (Warehouse Number number) dialog box, make or check the following entries: Warehouse No: 2930 . Choose Without TU checkbox.		
6	Choose Continue (Enter).	In the GR Preparation - Production (Warehouse Number number) dialog box, choose Continue (Enter) .		
7	Choose Find Manufacturing Order	On the GR Preparation - Production (Warehouse Number <number>) screen, from the Find dropdown list choose Manufacturing Order .		
8	Enter warehouse order number	Make the following entries: Find: Manufacturing Order <your production order number> .		
9	Choose Execute Search.	Choose Execute Search .	The following system message appears: Search completed; see message log for details.	
10	Select all items	On the left screen area, choose all items.		
11	Choose Set Copying Flag for Selection.	Choose Set Copying Flag for Selection .		
12	Choose Copy Flagged Item.	Choose Copy Flagged Item .	The GR Preparation - Production (Warehouse Number <number>) dialog box appears.	
13	Choose Continue (Enter).	The GR Preparation - Production (Warehouse Number <number>) dialog box, choose Continue (Enter) .	The selected items appear in the document table.	
14	Check item details	In the document table, choose one line in and choose Switch to Form View .		
15	Check the following values:	Check the following values: Quantity . UoM . Whse Proc Type . Goods Mvt Bin .		
16	Save your entries	Save your entries.	The following system message appears: Inbound Delivery GR Manufacturing <number> created	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
17	Note down the Inbound Delivery number	Note down the Inbound Delivery GR Manufacturing number.		

4.15 Post Goods Receipt with Reference to Inbound Delivery in SAP EWM

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

Post a goods receipt in SAP EWM based on the inbound delivery created in the previous step.

Transaction Code	SAP EWM Menu
/SCWM/GR	SCM Extended Warehouse Management > Extended Warehouse Management > Delivery Processing > Inbound Delivery → Physical Goods Receipt

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Access Transaction	Access the transaction using one of the navigation options above.	The Goods Receipt (Warehouse Number number) screen appears.	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
2	Maintain Default Values	If the SAP dialog box appears, make the following entries: Warehouse No: 2930 .		
3	Choose Continue (Enter)	In the SAP dialog box, choose Continue (Enter).		
4	Maintain Default Values	On the Goods Receipt (Warehouse Number number) screen, choose Maintain Default Values (CX0AA) or F5.	The Goods Receipt (Warehouse Number number) dialog box appears.	
5	Check Default Values	In the Goods Receipt (Warehouse Number number) dialog box, make or check the following entries: Warehouse No: 2930 .		
6	Choose Continue (Enter)	In the Goods Receipt (Warehouse Number number) dialog box, choose Continue (Enter).		
7	Choose Find Inbound Delivery	On the Goods Receipt (Warehouse Number number) screen, from the Find dropdown list, choose Inbound Delivery .		
8	Enter Inbound Delivery number	Make the following entries: Find: Inbound Delivery your Inbound Delivery number .		
9	Choose Execute Search	Choose Execute Search .	The following system message appears: Search completed; see message log for details.	
10	Select the Inbound Delivery	In the List View , choose the Inbound Delivery .		
11	Choose Pack	Choose Pack .	The Work Center Packing for Inbound Delivery screen appears.	
12	On the Work Center Packing for Inbound Delivery screen, navigate to the Create HU tab	On the Work Center Packing for Inbound Delivery screen, navigate to the Create HU tab.		
13	Enter packaging material	On the Create HU tab, make the following entries: Pack. Material: PMPAL00 .		
14	On the Create HU tab, choose Execute	On the Create HU tab, choose Execute .	The following system message appears: HU <number> (PMPAL00) was constructed	

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
15	Drag and drop inbound delivery item node to HU node	On the Work Center Packing for Inbound Delivery screen, in the tree area drag the node with your product from the inbound delivery item. Drop it to the node with the HU number you created in the previous step.	The inbound delivery item is packed on the HU.	
16	Choose Save and go back	Choose Save and go back.		
17	On the Work Center Packing for Inbound Delivery screen, choose Check	On the Work Center Packing for Inbound Delivery screen, choose Check .	The following system message appears: Activity was carried out successfully Blocked (Overall Status) turns to Status Green.	
18	Post Goods Receipt	Choose the Post GR checkbox and then choose Post Goods Receipt .		

4.16 Check Material Document (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

Along with populating the warehouse with stock, there is also a financial posting in the SAP S/4HANA system. The check step is to show you the material document along with its financial posting in the SAP S/4HANA system.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on	Open the SAP Fiori Launchpad with the Inventory Manager role.	The SAP Fiori Launchpad is displayed.	
2	Access the App	Choose Material Documents Overview (F1077) .	The Material Documents Overview (F1077) screen appears.	
3	Change Settings	In section Material Documents , choose Settings on the right-hand side.	The View Settings dialog box appears.	
4	View Settings	In the View Settings dialog box, choose the column for Goods Movement Type .		
5	Confirm	Choose OK.		
6	Enter Selection Data	On top of the screen, make the following entries: Stock Change : STOCK INCREASE . Stock Change Level : Plant . Plant : 2910 . Storage Location : 293D . Test Data Management - Data Migration Content (F2615) : SG124 Posting Date : <the date when you putaway the stock in the warehouse.> .		
7	Check the Material Document	Choose Go .	Material documents are listed.	
8	Note down Material Document Number	Note down the number of the Material Document Item with Goods Movement Type GR goods receipt (101) .		
9	Select Material Document	Choose SAP S/4HANA Material Document .		
10	Check Delivery Note Field	On the General Information tab, compare the Delivery Note with the reference warehouse material document from the previous step.	The Delivery Note is equal to the reference warehouse material document from the previous step.	

4.17 Create Putaway Warehouse Task for Inbound Delivery

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>

Procedure

Transaction Code SAP EWM Menu

/SCWM/TODLV_I SAP Menu > SCM Extended Warehouse Management > Extended Warehouse Management > Work Scheduling > Create Warehouse Task for Warehouse Request > Putaway for Inbound Delivery

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Access Transaction	Access the transaction using one of the navigation options above.	The Create Warehouse Task - Warehouse Number number - Putaway screen appears.	
2	Maintain Default Values	On the Create Warehouse Task - Warehouse Number number - Putaway screen, choose Maintain Default Values (CX0AA) or F5	The Maintain Default Values (CX0AA) dialog box appears.	
3	Check Default Values	In the Maintain Default Values (CX0AA) dialog box, make or check the following entries: Warehouse No: 2930 .		
4	Choose Continue (Enter).	In the Maintain Default Values (CX0AA) dialog box, choose Continue (Enter) .		
5	Open Advanced Search	On the Create Warehouse Task - Warehouse Number number - Putaway screen, choose Open Advanced Search .	The Advanced Search sub screen appears.	
6	Enter Manufacturing Order number	On the Advanced Search sub screen in the References section, make the following entries: Manufacturing Order: your production order number .		

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
7	Choose Advanced Search	Choose Advanced Search .	The warehouse request appears in the table.	
8	Choose Close Advanced Search.	Choose Close Advanced Search .		
9	Navigate to Warehouse Request tab.	Navigate to Warehouse Request tab.		
10	Select All.	On the Warehouse Request tab in the table, choose Select All .		
11	Choose Create + Save.	On the Warehouse Request tab, choose Create Warehouse Task .	The following system message appears: Number warehouse tasks were created	
12	Save your entries	Save your entries	The following system message appears: Warehouse order number created	
13	Note down the warehouse order	Note down the warehouse order for testing purposes.		

4.18 Putaway of Products in SAP EWM

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>

Procedure

Transaction Code

SAP EWM Menu

[/SCWM/TO_CONF](#)

SAP Menu > SCM Extended Warehouse Management > Extended Warehouse Management > Execution > Confirm Warehouse Task

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Access Transaction	Access the transaction using one of the navigation options above.	The Confirm Warehouse Task in Warehouse Number number screen appears.	
2	Choose Find Warehouse Order	On the Confirm Warehouse Task in Warehouse Number number screen, from the Find dropdown list choose Warehouse Order .		
3	Enter warehouse order number	Make the following entries: Find: Warehouse Order your warehouse order number.		
4	Choose Perform Search.	Choose Perform Search .	The following system message appears: Selection produced number results. The Warehouse Order appears in the View .	
5	Select the Warehouse Order.	In the List View , choose the Warehouse Order .		
6	Choose Confirm in Foreground	Choose Confirm in Foreground .	The warehouse task(s) appear on the Product WT tab.	
7	Save your entries	Save your entries.	The following system message appears: Warehouse task warehouse task number was confirmed	

4.19 Check Inbound Delivery (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

Check the completion status and goods receipt material document within the inbound delivery in SAP S/4HANA.

Procedure

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
1	Log on	Open the SAP Fiori Launchpad as a Receiving Specialist.	The Fiori Launch Pad is displayed.	
2	Access the App	Open Display Inbound Delivery (VL33N) .	The Display Inbound Delivery (VL33N) screen appears.	
3	Enter Inbound Delivery	On the Display Inbound Delivery (VL33N) screen, make the following entries: Inbound Delivery: inbound delivery number .		
4	Choose Continue	On the Display Inbound Delivery (VL33N) screen, choose Continue .	The Inbound Delivery number Display: Overview screen appears.	
5	Navigate to the Status Overview tab	Navigate to the Status Overview tab.		
6	Check that the Overall Goods Movement Status is C – Completely processed.	In the Overall Status - Delivery table, check Overall Goods Movement Status is C – Completely processed .		
7	Check that the Goods Movement Status for the items is C – Completely processed.	In the Delivery Item Status (All Items) table, check Goods Movement Status for the items is C – Completely processed.		

5 Appendix

5.1 Generate Expected Goods Receipt Documents in SAP EWM

Purpose

This is another option to create an EGR document in SAP EWM instead of creating it in the SAP S/4HANA system. The expected goods receipt functionality is used for PO-based creation of inbound deliveries in EWM. The EGR creation can be initiated in the SAP EWM system using the procedure described below.

Procedure

Transaction Code		SAP EWM Menu			
/SCWM/ERP_EGR_DELETE		SCM Extended Warehouse Management > Extended Warehouse Management > Delivery Processing > Inbound Delivery > → Expected Goods Receipt > Generate Or Delete Expected Goods Receipt			
Test Step #	Test Step Name	Instruction		Expected Result	Pass / Fail / Comment
1	Access Transaction	Access the transaction using one of the navigation options above.		The Deletion/Creation of Expected Goods Receipt screen appears.	
2	Make the following entries	On the Deletion/Creation of Expected Goods Receipt screen, make the following entries: ERP Warehouse Number: 293 . Choose Manufacturing Order . Order: <Production Order number> . Choose Free Interval . Period: <date, time> To <date, time> . Choose Program Mode: Only Create .			

Test Step #	Test Step Name	Instruction	Expected Result	Pass / Fail / Comment
3	Choose Execute	On the Deletion/Creation of Expected Goods Receipt screen, choose Execute .	The system log screen displays.	
4	Check system log	Make a note of the EGR document number: _____.	The Expected Goods Receipt document is created.	

Result

You have created an EGR document in the EWM system with which you can create an inbound delivery document.

5.2 Process Integration

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

5.2.1 Succeeding Processes

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

Process	Business Condition
SAP EWM Integration - Warehouse Stock Handling	After you completed the business process of SAP EWM Integration - Delivery-Based Production Integration you can continue with internal warehouse processes.
SAP EWM Integration - Outbound Processing to Customer	After you completed the business process of SAP EWM Integration - Delivery-Based Production Integration you can continue with the outbound to customer process with the batch-managed material.
Period-End Closing - Plant	These are executed collectively as a part of month-end closing. For more information on the month-end closing procedure, see the Period-End Closing - Plant(BEI) test script.
<div>Note Note that month-end closing can only be executed once a month.</div>	

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 .

www.sap.com/contactsap

© 2024 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company. The information contained herein may be changed without prior notice.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.

See www.sap.com/copyright for additional trademark information and notices.

