|  |  |
| --- | --- |
|  |  |
| Test Script  SAP S/4HANA - 04-09-20 | public |
| Supplier Consignment (2LG\_DE) |

Table of Contents

[1 Purpose 3](#_Toc51216992)

[2 Prerequisites 4](#_Toc51216993)

[2.1 System Access 4](#_Toc51216994)

[2.2 Roles 4](#_Toc51216995)

[2.3 Master Data and Organizational Data 5](#_Toc51216996)

[2.4 Preliminary Steps 6](#_Toc51216997)

[2.4.1 Create Consignment Info Record 6](#_Toc51216998)

[2.4.2 Configure Flexible Workflow for Consignment Purchase Order(Optional) 8](#_Toc51216999)

[3 Overview Table 10](#_Toc51217000)

[4 Test Procedures 11](#_Toc51217001)

[4.1 Create Purchase Order 11](#_Toc51217002)

[4.2 Approve Purchase Order (Optional) 13](#_Toc51217003)

[4.3 Post Goods Receipt 14](#_Toc51217004)

[4.4 Transfer Stock 15](#_Toc51217005)

[4.5 Invoice Receipt from Consignment Withdrawal 17](#_Toc51217006)

[4.5.1 Option 1: Create Consignment settlement 17](#_Toc51217007)

[4.5.2 Option 2: Schedule Supplier Invoice Jobs 19](#_Toc51217008)

[4.6 Check Supplier Invoice List (Optional) 20](#_Toc51217009)

# Purpose

By using the consignment process for procurement, the supplier provides the material and stores it at site of the procuring party. The supplier remains the legal owner of the material until it is withdrawn from the consignment stores. Payment for consignment stock is only required in case the material is withdrawn. For this reason, the supplier is informed of withdrawals of consignment stock on a regular basis.

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

# Prerequisites

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

## 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. |

## Roles

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

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name (Role) | ID (Role) | Description (Space) | ID (Space) | Log on |
| Purchaser | SAP\_BR\_PURCHASER | Operational Purchasing | SAP\_BR\_PURCHASER |  |
| Purchasing Manager | SAP\_BR\_PURCHASING\_MANAGER |  |  |  |
| Warehouse Clerk | SAP\_BR\_WAREHOUSE\_CLERK | Inventory Processing | SAP\_BR\_WAREHOUSE\_CLERK |  |
| Accounts Payable Accountant - Procurement | SAP\_BR\_AP\_ACCOUNTANT\_PROCUREMT |  |  |  |
| Configuration Expert - Business Process Configuration | SAP\_BR\_BPC\_EXPERT | Business Process Configuration | SAP\_BR\_BPC\_EXPERT |  |

## Master Data and Organizational Data

The organizational structure and master data of your company was created in your SAP S/4HANA system during implementation. 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 the following master data in the process steps described in this document:

|  |  |  |  |
| --- | --- | --- | --- |
| Data | Sample Value | Details | Comments |
| Material | RM128 | RAW128,PD,Consignment |  |
| Plant | 1010 | Plant 1 DE |  |
| Storage Location | 101C | Raw mat. sto. loc. |  |
| Supplier | 10300001 | Domestic 10 Supplier 1 |  |
| Company Code | 1010 | Company Code 1010 |  |
| Purchasing Organization | 1010 | Purch. Org. 1010 |  |
| Purchasing group | 001 | Group 001 |  |
| Purchasing group | 003 | Group 003 |  |

For more information on creating master data objects, see the following [Master Data Scripts (MDS)](https://support.sap.com/content/dam/SAAP/Sol_Pack/BP_OP_ENTPR/BP_OP_ENTPR_S4HANA2020_7_Master_Data_EN_XX.htm)

Table 1: Master Data Script Reference

|  |  |
| --- | --- |
| MDS | Description |
| BNR | Create Product Master of Type "Raw Material"– MDS |
| BNE | Create Supplier Master– MDS |
| BHD | Create Purchasing Info Record – MDS |

## Preliminary Steps

### Create Consignment Info Record

Purpose

In this procedure, you create consignment info records for procure process.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Log on to the SAP Fiori launchpad as a Purchaser. | The SAP Fiori launchpad is displayed. |  |
| 2 | Access the SAP Fiori app | Open Manage Purchasing Info Records (F1982). | The Manage Purchasing Info Records is displayed. |  |
| 3 | Open New Purchasing Info Record | Choose Create Purchasing Info Records. | The Purchasing Info Record screen is displayed. |  |
| 4 | Enter Header Data | Make the following entries:  Info Record Description： consignment purchasing info record  Purchasing Info Record Category: <Consignment>  Supplier: 10300001  Material: RM128  Purchasing Org.: 1010  Material Group: L002  Plant: 1010  Purchasing Group: 001 | Header data is added. |  |
| 5 | Enter Delivery and Quantity Data | Enter the following values:  Delivery Time in Days: <XX Days> , for example, 5  Under Delivery Tolerance in %: <Tol. Underdl.>, for example, 10  Over Delivery Tolerance in %: <Tol. Overdl.> , for example, 10  Standard Qty: <Standard Qty> , for example, 1  Order Unit: < Order Unit >, for example, PC  Tax Code: V1  Choose Enter. |  |  |
| 6 | Enter Condition Data | In the Condition section, choose Create and make the following entries:  Valid From: <Valid from Date>  Valid To: <Valid to Date>  Amount: <Amount>, for example, 165  Currency: <Currency>, for example, USD  Pricing Unit: <Pricing Unit>, for example, 1  Choose Apply. |  |  |
| 7 | Save | Choose Save. | A purchasing info record for consigned procurement is saved. |  |

Result

The Consignment info records are created.

### Configure Flexible Workflow for Consignment Purchase Order(Optional)

Purpose

In this procedure, you configure your release conditions for Purchase Order Approval.

When you start to process this step, ensure the flexible workflow for purchase document type NB has been activated in your system.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log onto Fiori Launchpad | Log onto the SAP Fiori launchpad as a Configuration Expert. | The Fiori launchpad is displayed. |  |
| 2 | Access the App | Open Manage Workflows for Purchase Orders (F2190) . | The Manage Workflows screen is displayed. |  |
| 3 | Create Manage Workflow | Choose Create and make following entries:  Name: Test Workflow for Purchase Order  In the Start conditions area:  Go to the Step Sequence area, and choose Add , then make the following entries on the next screen:  Type: Automatic Release of Purchase Order  Go to the Recipients area:  User: Select User with Purchasing\_manager from F4 help.  Step to be completed by： One of the recipients.  Choose Add.  Choose Save. | The Workflow for Purchase Order is configured. |  |
| 4 | Activate Workflow Item | Select the just created Workflow Item and choose Activate. | The Workflow Item is activated. |  |

Note Please make sure default workflow Automatic Release of Purchase Order has been activated.

# Overview Table

This scope item consists of several process steps that are listed in the following table.

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Transaction/App | Expected Results |
| [Create Purchase Order](#unique_9) [page ] 11 | Purchaser | Manage Purchase Orders (F0842A) | The Purchase Order is created. |
| [Approve Purchase Order (Optional)](#unique_10) [page ] 13 | Purchasing Manager | My Inbox - All Items (F0862) | Purchase Order is approved. |
| [Post Goods Receipt](#unique_11) [page ] 14 | Warehouse Clerk | Post Goods Receipt for Purchase Order (F0843) | Goods receipt is posted against the purchase order. |
| [Transfer Stock](#unique_12) [page ] 15 | Warehouse Clerk | Transfer Stock - In-Plant (F1061) | The goods are transferred from the supplier consigned stock to own stock . |
| [Check Supplier Invoice List (Optional)](#unique_13) [page ] 20 | Accounts Payable Accountant | Supplier Invoices List (F1060A) | Supplier Invoice List is checked. |

# Test Procedures

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

## Create Purchase Order

Test Administration

Customer project: Fill in the project-specific parts.

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

Purpose

The purpose of this activity is to formalize a specific requirement for a material from the supplier by creating a purchase order.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Log on to the SAP Fiori launchpad as a Purchaser. | The SAP Fiori launchpad is displayed. |  |
| 2 | Access App | Open Manage Purchase Orders (F0842A). | The Manage Purchase Orders screen is displayed. |  |
| 3 | Create Purchase Order data | Choose Create Purchase Order.  On the Purchase Order Screen, make the following entries and choose Enter:  In the General Information area:  Supplier: 10300001  Currency: EUR  Purchasing Group:003  Purchasing Org: 1010  Company Code: 1010  Note If you want to trigger the approval workflow for the purchase order, use Purchasing Group 003  In the Items area, choose Create and make the following entries:  Item Category: Consignment(K)  Material: RM128  Order Quantity: x PC  Plant: 1010  Choose the item and go to the Purchase Order Item screen.  Go to the Delivery Details area:  Storage Location: 101C  Choose Apply to go back to Purchase Order screen. |  |  |
| 4 | Save Purchase Order | Choose Order and when the purchase order number is displayed, write it down for further use. | The Purchase Order is created. |  |

## Approve Purchase Order (Optional)

Test Administration

Customer project: Fill in the project-specific parts.

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

Purpose

In the activity, the Purchasing Manager releases a purchase order.

A prerequisite is the existence of a purchase order that can be released and Purchasing Group is 003.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Log on to the SAP Fiori launchpad as a Purchasing Manager. | The SAP Fiori launchpad is displayed. |  |
| 2 | Access App | Open My Inbox - All Items (F0862). | A list of already created purchase orders is displayed. |  |
| 3 | Search for Purchase Order Status | Enter the Purchase order number in the search area, then choose Search. |  |  |
| 4 | Open Approve Purchase Orders | On the My Inbox screen, select the Purchase Order from the left screen. | The My Inbox screen is displayed. |  |
| 5 | Approve Purchase Order | On the Release of Purchase Order screen, confirm your created purchase Order information.  Choose Approve.  On the Submit Decision screen, add note if necessary and choose Submit. | Purchase Order is approved. |  |

## Post Goods Receipt

Test Administration

Customer project: Fill in the project-specific parts.

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

Purpose

In this step, you post the goods receipt for the material against the purchase order.

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. | The SAP Fiori launchpad is displayed. |  |
| 2 | Access App | Open Post Goods Receipt for Purchase Order (F0843). | The Post Goods Receipt for Purchase Order screen is displayed. |  |
| 3 | Enter detail data | On the Post Goods Receipt for Purchase Order screen, make the following entries and then choose Enter.  Purchasing Order: Enter the Purchase Order number created in the first step. | The system displays the data for the goods receipt on the Post Goods Receipt for Purchase Order screen. |  |
| 4 | Enter General Information | Go to General Information area and check the following entries.  Document Date: <Today>  Posting Date: <Today> |  |  |
| 5 | Enter Quantity | Go to Items area and check the quantity.  Delivered: X PC |  |  |
| 6 | Enter storage location | Go to Items area and check the Storage Location.  Storage Location: Raw mat. sto. loc. |  |  |
| 7 | Select Items | Select the items for which a goods receipt is to be posted. | The Post button is activated. |  |
| 8 | Post | Choose Post. | The system message material document(s) posted: 500xxxxxxx 2018 is displayed. |  |

## Transfer Stock

Test Administration

Customer project: Fill in the project-specific parts.

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

Purpose

In this step, stock is transferred from the vendor consignment stock to the own inventory by transfer posting.

Please confirm there is enough quantity in the vendor consignment stock.

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. | The SAP Fiori launchpad is displayed. |  |
| 2 | Access App. | Open Transfer Stock - In-Plant (F1061). | The Transfer Stock – In-Plant screen is displayed. |  |
| 3 | Open Stock Overview | Make the following entries in the fields and choose Enter:  Material: RM128  Plant: 1010 | The Transfer Stock- In-Plant screen is displayed. |  |
| 4 | Select stock | Choose the icon beside the stock that you want to transfer (Unrestricted-Use Stock, Storage location 101C). | A dialog box opens with Special Stocks, Stock Type, and current Quantity. |  |
| 5 | Select Special Stock | In dialog box, choose item Supplier Consignment XX PC. |  |  |
| 6 | Select stock | Choose the icon beside the stock that you want to transfer (Unrestricted-Use Stock, Storage location 101C) again. | A dialog box containing Special Stocks, Stock Type, and current Quantity is displayed. |  |
| 7 | Select Special Stock | In dialog box choose Unrestricted-Use Stock XX PC. | A dialog box appears. The Storage Location, Stock Type, current Quantity, Special Stock Type and Supplier are displayed according to your entries in the previous steps. |  |
| 8 | Transfer Items | In dialog box, make the following entries in the fields and choose Post.  For example:Supplier: Domestic 10 Supplier 1  Document Date: Today  Posting Date: Today  Quantity: x PC | The system displays Material document xxx created.  The stock has been transferred from the vendor consignment stock to the own inventory. |  |

## Invoice Receipt from Consignment Withdrawal

### Option 1: Create Consignment settlement

Test Administration

Customer project: Fill in the project-specific parts.

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

Purpose

The liabilities should be cleared regularly towards the supplier because of goods issues from the vendor consignment stock. The consignment goods are settled with invoice receipt.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Log onto the SAP Fiori launchpad as Accounts Payable Accountant - Procurement . | The SAP Fiori Launchpad displays. |  |
| 2 | Access the App | Open Create Logistics Consignment and Pipeline Settlement (MRKON) . | The Consignment and Pipeline Settlement screen displays. |  |
| 3 | Enter parameter | On the selection screen, enter the following values then choose Enter:  Company Code: 1010  Vendor: 10300001  Plant: 1010  Material Document: （optional） Enter the material document number created from the last step  Consignment: Selected  Pipeline: Deselected  Settle: Selected  Withdrawals Not Settled: Selected |  |  |
| 4 | Execute | Choose Execute. | The invoice is posted. |  |
| 5 | View settlement document | On the Logistic Consignment and Pipeline Settlement screen, you can see the invoice document number under column Doc. No.. | The settlement document is created. |  |

### Option 2: Schedule Supplier Invoice Jobs

Test Administration

Customer project: Fill in the project-specific parts.

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

Purpose

Scheduling supplier invoice jobs is especially effective if you create settlement documents periodically.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori launchpad as an Accounts Payable Accountant. | The SAP Fiori launchpad is displayed. |  |
| 2 | Access the App | Open Schedule Supplier Invoice Jobs - Advanced (F1683). | The Application Jobs screen is displayed. |  |
| 3 | Create Application Job | Choose New (+). | The New Job screen is displayed. |  |
| 4 | Execute Consignment settlement | Make the following entries:   * In the General Information section, from the drop-down box of Job Template, choose Logistic Consignment and Pipeline Settlement. * In the Scheduling Options section, make sure that Start Immediately checkbox is checked. Or you can also set the start date and start time. * In the Parameter Section section, make the following entries:   Company Code: for example, 1010  Supplier: 10300001  Plant: for example, 1010  Material Document: Enter the material document number created from the last step.  Consignment: Selected  Pipeline: Deselected  Display: Selected  Withdrawals Not Settled: Selected  Choose Check. | The system message displays: You can go ahead and schedule the job. |  |
| 5 | Schedule the job without Test Run | Select Settle and then choose Schedule. |  |  |
| 6 | Check the result | In the Application Jobs screen, find the job you created. You may need to wait several minutes and refresh to see the results after the job status becomes finished.  Choose Results. | The detailed log is displayed in the Document (ID, XXXXX) screen. You can find the corresponding Document number and FI Document number created. |  |

## Check Supplier Invoice List (Optional)

Test Administration

Customer project: Fill in the project-specific parts.

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

Purpose

In this step, you can review the document created in the last step and get the generated consignment settlement document.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Open the Fiori Launchpad tile | Open the Fiori launchpad as an Accounts Payable Accountant. | The SAP Fiori launchpad is displayed. |  |
| 2 | Access the App | Open Supplier Invoices List (F1060A). | The Supplier Invoices List screen is displayed. |  |
| 3 | Search for the document | On the Supplier Invoices List screen, enter the following values, then choose Go:  Invoicing Party : 10300001  Company Code: 1010 | Invoices list is displayed. |  |
| 4 | Go to the invoice detailed page | Choose the invoice you created, whose Entry Type is Consignment. | The screen will be navigated to the Supplier Invoice detailed page. |  |
| 5 | Display the document | On the Supplier Invoice screen, go to the Output tab. In the Output Details table, find the line with Output Type of CONSIGNMENT\_SETTLEMENT. Choose Display Document in the Preview column. | The document (in this case, Consignment Stock Accounting) is displayed. |  |
| 6 | Download the document | Download the document. | The document is downloaded to your local workspace. |  |
| 7 | Send Documents to Supplier | Send the downloaded document to the supplier as printed document, or by fax or by e-mail or via the Internet.  The step is executed offline. | The document is sent to the supplier. |  |

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 |
| © 2020 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](http://www.sap.com/copyright) for additional trademark information and notices. |

