|  |  |
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|  |  |
| Test Script  SAP S/4HANA - 17-09-20 | public |
| Engineering Bill of Material - Change Master Management (1R3\_DE) |

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# Purpose

This scope item covers two central PLM BOM processes: setup and release steps for change master controlled Engineering BOM, and change iteration.

The change-number-controlled approach allows date-effectivity-based attributes management on the Engineering BOM (EBOM) header level and the Bill of Materials (BOM) items level. Setting the change number status to inactive releases the scope per change number. Once the status becomes inactive, changes are no longer possible. The EBOM header and items can only be changed with a new active change number. The change iteration process starts and ends again with setting the change number status to inactive. The process distinguishes between major changes of the BOM where it has been copied or created newly and minor changes where the BOM is being changed.

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 |
| BOM Engineer  Creates bills of material and consistent overall product model, drives changes across organizations, and is responsible for the change process until handover to manufacturing. Is typically a member of the R&D group of the company. | SAP\_BR\_BOM\_ENGINEER | BOM Management | SAP\_BR\_BOM\_ENGINEER |  |

## 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 vendors, for example, depending on the operational focus of your company.

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

|  |  |  |  |
| --- | --- | --- | --- |
| Data | Sample Value | Details | Comments |
| Material | FG126 | Finished Good MTS for Discrete Industry (PD planning) | Note:  Create a new material each time when you re-execute the test script. Refer to the Master Data scripts(MDS) in this chapter for more information |
| Material | SG21 | SEMI21,PD,RepetitiveManuf. |  |
| Material | SG22 | SEMI22,PD,Phantom |  |
| Material | RM122 | RAW122,PD,Batch-Fifo,ProcureImport |  |
| Material | RM128 | RAW128,PD,Consignment |  |
| Material | RM120 | RAW120,PD,QualityManaged |  |
| Material | SG23 | SEMI23,PD,Subcontracting |  |
| Material | SG25 | SEMI25,PD,ExternalProcurement |  |
| Material | SG124 | SEMI124,PD,Subassembly |  |
| Material | RM20 | RAW20,PD |  |
| Material | RM27 | RAW27,PD,PackagingBox |  |

You can find general information on how to create master data objects in 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

|  |  |
| --- | --- |
| Master Data ID | Description |
| BNR | Create Product Master of Type "Raw Material"(“ROH”) |
| BNS | Create Product Master of Type "Semi-Finished Good"(“HALB”) |
| BNT | Create Product Master of Type "Finished Good"(“FERT”) |

## Business Conditions

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

|  |  |
| --- | --- |
| Scope Item ID | Business Condition |
| BNR – Create Product Master of Type "Raw Material" | You can create raw materials using the Create Material app. |
| BNS – Create Product Master of Type "Semi-Finished Good" | You can create semi-finished products using the Create Material app. |
| BNT – Create Product Master of Type "Finished Good" | You can create finished products using the Create Material app. |

For testing purposes, the materials listed in [Master Data, Organizational Data, and Other Data](#unique_5) [page ] 4 were already created automatically in your system. If you want to test with your own materials, refer the Master Data Scripts above how to create them.

From a business process point of view, all parts used for the Bill of Material (BOM Header material and BOM Item materials) along with the related technical specifications and design documents (that is, part specifications, CAD documents, and schematics) need to be ‘released’ by the Design Engineer / Technical department so that they can be used by the BOM Engineer.

## Preliminary Steps

### Prepare Design Document

Design documents are provided by the Design Engineer and are an integral part of the Bill of Material concept.

Prepare a file in .pdf format (for instance a CAD drawing file representing the final assembly of the finished-good described by the Bill of Material); it will be used later in the process step 'Create Bill of Material'.

# Overview Table

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

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

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

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

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | App / Transaction | Expected Results |
| [Create Change Master](#unique_9) [page ] 8 | SAP\_BR\_BOM\_ENGINEER | Change Change Master (CC02) | A new Change Master is created |
| [Create Bill of Material](#unique_10) [page ] 9 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | A new Bill of Material managed with a Change Master is created |
| [Set Change Master Status to Inactive](#unique_11) [page ] 13 | SAP\_BR\_BOM\_ENGINEER | Change Change Master (CC02) | Change Master Status is set to Inactive |
| [Change BOM](#unique_12) [page ] 15 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | Bill of Material is changed via Change Master |
| [Set Change Master Status to Inactive](#unique_13) [page ] 17 | SAP\_BR\_BOM\_ENGINEER | Change Change Master (CC02) | Change Master Status is set to Inactive |
| [Copy(Create) Header Material(Optional)](#unique_14) [page ] 18 | SAP\_BR\_PRODMASTER\_SPECIALIST | Create Material (MM01) | A new material is created |
| [Create Change Master](#unique_15) [page ] 19 | SAP\_BR\_BOM\_ENGINEER | Change Change Master (CC02) | A new Change Master is created |
| [Copy BOM](#unique_16) [page ] 21 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | Copied Bill of Material is created |
| [Discard Bill Of Material](#unique_17) [page ] 22 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | Bill of Material is discarded. |
| [Change Bill Of Material](#unique_18) [page ] 23 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | Bill of Material is changed via Change Master |
| [Set Change Master Status to Inactive](#unique_19) [page ] 25 | SAP\_BR\_BOM\_ENGINEER | Change Change Master (CC02) | Change Master Status is set to Inactive |

# Test Procedures

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

## Create New Bill of Material

### Create Change Master

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

Creation of the Change Master that will be used for the Bill of Material creation in the next step [Create Bill of Material](#unique_10) [page ] 9.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a BOM Engineer. |  |  |
| 2 | Access the Fiori App | Open Create Change Master (CC01) app. |  |  |
| 3 | Enter Change Number | In the Create Change Master: Initial Screen screen, enter data as provided in the following example and press Enter .  Change Number: CN001  Leave default values in other fields. |  |  |
| 4 | Enter Change Master data | In the Create Change Master: Change Header screen, enter data as provided in the following example and press Enter :  Field beside Change Number: Change Master for BOM FG126.  Valid From: Today  Change no. status: 01 Active |  |  |
| 5 | Select checkboxes for Bill of Material | In the Create Change Master: Object Types screen, Object types table, Bill of Material row, select the following checkboxes:  Actv.  Object  MgtRec |  |  |
| 6 | Choose Save | Choose the Save button. | The Change Master is created. |  |

### Create Bill of Material

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 create a new Bill of Material controlled via Change Master.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a BOM Engineer | The SAP Fiori launchpad is displayed. |  |
| 2 | Access the Fiori App | Open Maintain Bill Of Material - Create, change & display BOMs (F1813) app. |  |  |
| 3 | Choose Create BOM | On the Maintain Bill of Material screen, choose Create BOM. | The Create BOM dialog box appears. |  |
| 4 | Maintain BOM Header data | On the Create BOM window, enter data similar to the following example and choose OK:  Material: FG126  Change Number: CN001  BOM usage: 2 (Engineering/Design)  Valid From: Today | The Maintain Bill of Material screen is displayed and by default, the Components tab will be open. |  |
| 5 | Maintain BOM Component data | In the BOM Item Number 0010 line, make entries similar to the following example:  Component: SG21  Component quantity: 1 PC  (Press Enter to enable Component and Component Quantity fields)  Item Category value is L (Stock Item) by default. | BOM Item Number 0010, Component, Component Description and Component quantity is displayed in the first table line. |  |
| 6 | Maintain additional BOM Components data | Repeat above step for BOM Item Number 0020 to 0090 with the following entries:   |  |  | | --- | --- | | Component | Component quantity in PC | | SG22 | 1 | | RM122 | 1 | | RM128 | 1 | | RM120 | 1 | | SG23 | 1 | | SG25 | 1 | | SG124 | 1 | | RM20 | 1 | | BOM Item Number 0010 to 0090, Component, Component Description and Component quantity is displayed in the table lines. |  |
| 7 | Enter BOM Item Category Text item (‘T’) | Choose + (Add) to create a new item 0110.  In the BOM Item Number 0110 line, choose T(Text Item) from the Item category drop-down list. |  |  |
| 8 | Navigate to Item Detail | In the BOM Item Number 0100 line, click the details arrow on extreme right side of table  On the Maintain Bill of Material screen, make entries similar to the following example under the Basic Details tab:  Component quantity: 1  Component UoM: PC  Go to Status/Long Text tab and make entries similar to the following example.  Item Text: Documentation | The Maintain Bill of Material screen with the details section for the entered item appears. |  |
| 9 | Choose Attachments | On the Maintain Bill of Material screen, choose Attachments tab. | The Maintain Bill of Material screen with the Attachments section for the entered item appears. |  |
| 10 | Choose + Upload. | On the Maintain Bill of Material screen, choose + Upload. | The Open dialog box appears. |  |
| 11 | In the Open dialog box, select file | In the Open dialog box, select the file.  Drawing\_0100.pdf |  |  |
| 12 | Choose Open | In the Open dialog box, choose Open. | A new attachment is created |  |
| 13 | Choose Apply | On the Maintain Bill of Material screen, choose Apply. | The Maintain Bill of Material screen with the BOM item table is displayed. |  |
| 14 | Choose Save | On the Maintain Bill of Material screen, choose Save. | The Bill of Material is saved. |  |
| 15 | Repeat step 8 above and choose Attachments. | Repeat step 8 above and choose Attachments. | On the Maintain Bill of Material screen, in the Attachments section, the Attachment number is increased as shown in the following example:  Attachment (1)  The name of the attached file is displayed with additional information:  Uploaded By  Uploaded On  File Size  Document Info Record  Note down the Document Info Record information. It will be used later on in the succeeding processes.  Document Info Record ID:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 16 | Choose Back. | On the Maintain Bill of Material screen, choose Back. | The Maintain Bill of Material screen with the BOM item table is displayed. |  |
| 17 | Choose Save |  | The Bill of Material is saved  After saving, BOM status will be automatically set to 1 (Active).  If BOM Status 2 (Inactive) is needed for the BOM, on the Maintain Bill of Material screen, choose Show Header Details, choose Administrative Data and set appropriately the BOM Status before saving again.  Change Number is added under Timeline tab. |  |

### Set Change Master Status to Inactive

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

Setting the Change Master Status to Inactive so that this specific Change Master cannot be used anymore for managing further changes.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a BOM Engineer | The SAP Fiori launchpad is displayed. |  |
| 2 | Access the Fiori App | Open Change Change Master (CC02) app. |  |  |
| 3 | Enter Change Number | In the Change Master: Initial Screen screen, make entries similar to the following example and press Enter:  Change Number: CN001 |  |  |
| 4 | Set Change Master Status | In the Change No.Status field, select 02-Inactive | The Change Master Status is set to Inactive; this way the Change Master cannot be used anymore. |  |
| 5 | Choose Save |  | The Change Master is saved |  |

## Change Bill of Material

### Minor Change

Purpose

This is a negative case of Form Fit and Function Change.

In General, when the change is small, follow these steps.

#### Change BOM

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 process step, you can change the Bill of Material using a Change Master.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a BOM Engineer | The SAP Fiori launchpad is displayed. |  |
| 2 | Access the Fiori App | Open Maintain Bill Of Material - Create, change & display BOMs (F1813) app. |  |  |
| 3 | Search for the BOM to be changed | Material: FG126  BOM Usage: Engineering/Design | The BOM to be changed is listed. |  |
| 4 | Click the BOM to be changed | Select the correct BOM to be changed. | The BOM to be changed is displayed |  |
| 5 | Go to the Timeline tab and select the change number | If an inactive(status 2) change number is selected (marked bold in header) then change Select by Date to any new date in the Components tab. | Select by Date is active and Date is changed |  |
| 6 | Edit the Bill of Materials | Choose Edit (If Edit button is not appearing on the screen, select More (depicted by three dots) and choose Edit) |  |  |
| 7 | Create Change Master | Choose Assign Change Number | The Assign Change Number pop-up window appears. |  |
| 8 | Maintain Change Master data | In the Assign Change Number pop-up window, maintain entries similar to the following example and choose OK:  Choose the radio button Create and provide the value CN002  Start Date: Today + 1 week  Description:Change number for changes to FG126 BOM | Change Master is created. |  |
| 9 | Enter BOM Item Category, Component, and Component quantity | In the BOM Item Number 0110 line in the Components tab, make the entries similar to the following example:  Item Category:Stock Item  Component:RM27  Component quantity: 1 PC |  |  |
| 10 | Check the validity date for the new component | Note the date in the Valid From column for the above component and the assigned Change Number date in the timeline. |  |  |
| 12 | Choose Save |  | The BOM is changed. |  |
| 13 | Select a Change Number | Select one of the available change numbers from the Timeline tab and check the corresponding component configuration of the BOM  Change Number:CN001  Change Number:CN002 | The newly added component will only be displayed when the relevant Change Number is selected. |  |

#### Set Change Master Status to Inactive

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

Setting the Change Master Status to Inactive so that this specific Change Master cannot be used anymore for managing further changes.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a BOM Engineer | The SAP Fiori launchpad displays. |  |
| 2 | Access the Fiori App | Open Change Change Master (CC02) app. | The Change Change Master app is launched. |  |
| 3 | Enter Change Number | In the Change Master: Initial Screen screen, enter the Change Number created for changing the Bill of Material in previous chapter, (Change Bill of Material ), and Enter:  Change Number: CN002 |  |  |
| 4 | Set Change Master Status | In the Change No.Status field, select 02-Inactive | The Change Master Status is set to Inactive; this way the Change Master cannot be used anymore. |  |
| 5 | Choose Save |  | The Change Master is saved |  |

### Major Change

Purpose

This is a positive case of Form Fit and Function Change.

In General, when the change in BOM is not small then follow these steps.

#### Copy(Create) Header Material(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, new header material gets created for bill of material. However, this is optional because user can also use similar available material

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a BOM Engineer or Master Data Specialist - Product Data. | The SAP Fiori launchpad appears. |  |
| 2 | Access App | Open Create Material (MM01)app. | The Create Material (Initial Screen) screen appears. |  |
| 3 | Copy(Create) Material | On the Create Material (Initial Screen) screen, make entries similar to the following example::  Material : FG126\_V1  Material Type :Finished Product  Copy From:FG126  Choose Continue. | The Select View(s) pop up screen appears. |  |
| 4 | Choose Views | Select Basic Data 1 and Basic Data 2.  Choose Continue (Enter) . | The Create Material FG326\_V1 (Finished Product) screen appears. |  |
| 5 | Save Your Data | On the Create Material (Initial Screen) screen, do the following:  Choose Save. A message confirming that the material has been created appears. | Material FG126\_V1 is created. |  |

#### Create Change Master

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

Creation of the Change Master that will be used for the Bill of Material creation in the step ‘Change Bill of Material.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a BOM Engineer | The SAP Fiori launchpad displays. |  |
| 2 | Access the Fiori App | Open Create Change Master (CC01) app. |  |  |
| 3 | Enter Change Number | In the Create Change Master: Initial Screen screen, enter the following data and press Enter:  Change Number: CN003  Leave default values in other fields. |  |  |
| 4 | Enter Change Master data | In the Create Change Master: Change Header field, screen, enter the following data and Enter  Field beside Change Number:Change Master for BOM FG126\_V1  Valid From: Today  Change no. status: 01 Active |  |  |
| 5 | Enter Change Master data | In the Create Change Master: Object Types screen,Object types table, , Bill of Material row, select the following checkboxes:  Actv  Object  MgtRec |  |  |
| 6 | Choose Save | Choose Save. | The Change Master is created |  |

#### Copy BOM

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 test step is used to change the Bill of Material using a Change Master.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a BOM Engineer | The SAP Fiori launchpad displays. |  |
| 2 | Access the Fiori App | Open Maintain Bill Of Material - Create, change & display BOMs (F1813) app. |  |  |
| 3 | Search for the BOM to be copied | Enter the following data and choose Go  Material: FG126  BOM Usage: Engineering/Design | The BOM to be copied is listed. |  |
| 4 | Select the BOM to be copied | Select the radio button corresponding to BOM to be copied and click Copy BOM. | Copy BOM pop up is displayed |  |
| 5 | Enter Material Detail | Enter the following data in Copy BOM pop up and choose OK.  Material: FG126\_V1  BOM Usage: 2 (Engineering/Design)  Change Number: CN003  Copy Components :Flagged | Maintain Bill of Material is displayed in draft Mode.  Users can now proceed with either of the two options as mentioned in the following two chapters:   * Discard BOM * Change BOM   Proceed according to the decision taken. |  |

##### Discard Bill Of Material

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

If the user realizes that there is no need to create a new BOM, then the BOM can be discarded using this test procedure.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a BOM Engineer |  |  |
| 2 | Access the Fiori App | Open Maintain Bill Of Material - Create, change & display BOMs (F1813) app. |  |  |
| 3 | Search for the BOM to be copied | Enter the following data and choose Go  Example  Material :FG126\_V1  BOM Usage: 2 | The draft BOM is listed. |  |
| 4 | Click the BOM to be discarded | Select the BOM to be discarded.. | The draft BOM is displayed |  |
| 5 | Discard the BOM | On the Maintain Bill of Material screen, select Cancel | Draft BOM will be deleted |  |

##### Change Bill Of Material

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

Changing the Bill of Material via a Change Master.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a BOM Engineer |  |  |
| 2 | Access the Fiori App | Open Maintain Bill Of Material - Create, change & display BOMs (F1813) app. |  |  |
| 3 | Search for the BOM to be changed | Enter the following data and choose Go :  Material : FG126\_v1  BOM Usage: Engineering/Design | The draft BOM is displayed. |  |
| 4 | Select the BOM to be changed | See above selection | The Maintain Bill of Material screen of draft BOM is displayed |  |
| 5 | Enter a new component by choosing + (Add) in the Components tab. | On the Maintain Bill of Material screen, choose + Add. |  |  |
| 6 | Enter BOM Item Category, Component, and Component quantity | In the BOM Item Number 0110 line, make the following entries:  Item Category:Stock Item  Component:RM20  Component quantity:5 PC |  |  |
| 7 | Save | On the Maintain Bill of Materialscreen, choose Save | The BOM is changed. |  |

#### Set Change Master Status to Inactive

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

Setting the Change Master Status to Inactive so that this specific Change Master cannot be used anymore for managing further changes.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a BOM Engineer |  |  |
| 2 | Access the Fiori App | Open Change Change Master (CC02) app. |  |  |
| 3 | Enter Change Number | In the Change Master: Initial Screen screen, enter the Change Number created for changing the Bill of Material in previous chapter ‘Change Bill of Material ’ and Enter:  Change Number: CN003 |  |  |
| 4 | Set Change Master Status | In the Change No.Status field, select 02-Inactive | The Change Master Status is set to Inactive; this way the Change Master cannot be used anymore. |  |
| 5 | Save |  | The Change Master is saved. |  |

# Appendix

## Process Integration

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

### Preceding Processes

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

|  |  |
| --- | --- |
| Process | Business Condition |
| BNR | Create Product Master of Type "Raw Material"(“ROH”) |
| BNS | Create Product Master of Type "Semi-Finished Good"(“HALB”) |
| BNT | Create Product Master of Type "Finished Good"(“FERT”) |

### Succeeding Processes

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

|  |  |
| --- | --- |
| Process | Business Condition |
| 1NF – Engineering Change Management with Change Records. | The Change Record is used to manage the Bill Of Material change process |

Typographic Conventions

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

|  |
| --- |
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