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

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# Purpose

An engineering bill of material (EBOM) is a type of bill of material (BOM) that reflects the product as designed by engineering, referred to as the as-designed bill of material. The lifecycle of the EBOM is covered via a new versioning technology. By setting a released status at the header level, the EBOM is ready for handover to manufacturing. After releasing a BOM version, no further changes are allowed. A new version must be created. All process steps are carried out by the BOM engineer. The process distinguishes between major BOM changes where it is copied or created 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 hand over 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.

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

|  |  |  |  |
| --- | --- | --- | --- |
| Data | Sample Value | Details | Comments |
| Material | FG326 | FIN326,PLM,MTS-DI,PD,Batch-Fifo |  |
| 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):

|  |  |
| --- | --- |
| MDS | 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" ("ROH") | You can create raw materials using the Create Material (MM01) app. |
| BNS - Create Product Master of Type "Semi-Finished Good" ("HALB") | You can create semi-finished products using the Create Material (MM01) app. |
| BNT - Create Product Master of Type "Finished Good" ("FERT") | You can create finished products using the Create Material (MM01) app. |

For testing purposes the materials listed in chapter [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 to the Master Data Scripts above how to create them.

## Preliminary Steps

### Maintain Bill of Material - Adapt Filters

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. |

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. | The Maintain Bill of Material app is launched. |  |
| 3 | Choose Adapt Filters. | On the Maintain Bill of Material screen, choose Adapt Filters. | The Adapt Filters dialog box is displayed. |  |
| 4 | Choose Bill of Material Search Consumption View More Filters | In the Adapt Filters dialog box, choose General Data  More Filters | The Select Filters dialog box is displayed. |  |
| 5 | Select the Versioning relevant checkbox. | In the Select Filters dialog box, select the Versioning Relevant checkbox and choose OK. | Versioning Relevant is displayed as an additional filter. |  |
| 6 | In the Adapt Filters dialog box, choose Go. | In the Adapt Filters dialog box, choose Go. | Versioning Relevant is displayed as additional filter in the filter section of screen Maintain 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 New Versioned Bill Of Material |  |  |  |
| [Create Bill of Material](#unique_9) [page ] 10 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | A new versioned Bill of Material is created. |
| [Release Version](#unique_10) [page ] 13 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | Version of the Bill of Material is released. |
| Minor Change |  |  |  |
| [Create New Version of Bill of Material](#unique_11) [page ] 15 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | A new version of the Bill of Material is created.  The Bill of Material is changed. |
| [Release Version](#unique_12) [page ] 17 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | The new version of the Bill of Material is released. |
| Major Change |  |  |  |
| [Copy(Create) Header Material(Optional)](#unique_13) [page ] 18 | SAP\_BR\_PRODMASTER\_SPECIALIST | Create Material (MM01) | A new Header material is created. |
| [Copy Versioned Bill Of Material](#unique_14) [page ] 20 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | BOM is copied to new header material. |
| [Discard Versioned Bill of Material](#unique_15) [page ] 21 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | Versioned BOM is discarded |
| [Change Versioned BOM](#unique_16) [page ] 22 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | Copied Versioned Bill of Material is changed. |
| [Release Version](#unique_17) [page ] 23 | SAP\_BR\_BOM\_ENGINEER | Maintain Bill Of Material - Create, change & display BOMs (F1813) | Version of the copied Bill of material is released. |

# Test Procedures

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

## Create New Versioned Bill Of Material

### 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

During the product engineering phase, you design and develop products. You design new products or product lines to take advantage of current process technology and to improve quality and reliability. Or, you have to change an existing product due to changing market or customer requirements. The result of this product phase is drawings and a list of all the parts required to produce the product. This list is the bill of material.

In this step, a new Bill of Material with Version will be created.

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. | The Maintain Bill of Material app is launched. |  |
| 3 | Choose Create Version BOM. | On the Maintain Bill of Material screen, choose Create Version BOM. | The Create Version BOM dialog box appears. |  |
| 4 | In the Create BOM dialog box, make the entries. | In the Create Version BOM dialog box, make the following entries:  Material: FG326  BOM Usage: 2 (Engineering/Design)  Leave BOM Version field empty (system will compile it automatically). |  |  |
| 5 | Choose OK. | In the Create version BOM dialog box, choose OK. | The Maintain Bill of Material screen with header section for the entered material appears and the Components tab is selected by default. |  |
| 6 | Enter BOM Item Category, Component, and Component Quantity | In the BOM Item Number 0010 line, make entries similar to the following example:  Component: SG21  Component quantity: 1 PC  Repeat step 6 for line 0020 to 0100 and add the following entries:   |  |  | | --- | --- | | Component | Component quantity in PC | | SG22 | 1 | | RM122 | 1 | | RM128 | 1 | | RM120 | 1 | | SG23 | 1 | | SG25 | 1 | | SG124 | 1 | | RM20 | 1 | | RM27 | 1 | | BOM Item Number 0010 to 0100, Component, Component Description and Component quantity are displayed. |  |
| 7 | Enter BOM Item Category Text item | 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. | BOM Item Number 0110 is displayed in the last table line. |  |
| 8 | Navigate to item detail | In the BOM Item Number 0110 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.  Example Item Text: Documentation | The Maintain Bill of Material screen with the new object details for the entered item appears. |  |
| 9 | Choose Attachments. | On the Maintain Bill of Material screen, choose Attachments. | 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\_0110.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 Maintain 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.  Attachment (1) The name of the attached file is displayed with additional information:  Uploaded By  Uploaded On  File Size  Document Info Record  Status  Note down the Document Info Record information. It will be used later on in the succeeding processes.  Document Info Record ID:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |

### Release Version

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, Version of Bill of Material is released. As a consequence, no more changes are allowed to it and creation of a new version is enabled.

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 | Set filter for Bill of Material | On the Maintain Bill of Material screen, maintain search criteria for the Bill of Material created in the previous chapter and choose Go  Material: FG326  BOM Usage: Engineering/Design  Versioning relevant: Yes | List of relevant Bill of Material(s) is displayed. |  |
| 4 | Select the Bill of Material for which you want to release the version | On the Maintain Bill of Material screen, click the Bill of Material for which you want to release the version | Bill of Material is displayed |  |
| 5 | Choose Release | On the Maintain Bill of Material screen, choose Release. | A dialog Box Warning tells you that the BOM will be released and can no longer be maintained.  Version Status will be set to Release.  BOM Status is not relevant for Bill of Materials with Versions |  |
| 6 | Choose OK. | In the Warning dialog box, choose OK. | Version Status is set to Release. |  |

## Minor Change

### Create New Version of 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

During the product engineering phase, you design and develop products. You design new products or product lines to take advantage of current process technology and to improve quality and reliability. Or, you have to change an existing product due to changing market or customer requirements. The result of this product phase is drawings and a list of all the parts required to produce the product. This list is the bill of material.

In this step a new version of an existing Bill of Material will be created.

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 | Set filter for material | On the Maintain Bill of Material screen, make the following entries:  Material: FG326 | Filter for chosen Material is displayed. |  |
| 4 | Set filter for Versioning relevant | On the Maintain Bill of Material screen, make the following entries:  Versioning relevant: Yes | Filter Versioning relevant: =Yes is displayed. |  |
| 5 | Choose Go | On the Maintain Bill of Material screen, choose Go. | Bills of Materials with versions are displayed for the selected Material. |  |
| 6 | Select the line with the Bill of Material for which you want to create a new Version | On the Maintain Bill of Material select, (using the Radio Button on the left column) the Bill of Material for which you want to create a new version. | The corresponding line is selected and highlighted. |  |
| 7 | Choose Create Version | On the Maintain Bill of Material screen, choose Create Version. | The Create Version dialog box appears. |  |
| 8 | In the Create Version dialog box, make or check the entries | In the Create Version dialog box, make or check the following entries:  Copy Components: flagged  Leave BOM Version field empty (system will compile it automatically). |  |  |
| 9 | Choose OK. | In the Create Version dialog box, choose OK. | The Maintain Bill of Material screen with header section and BOM items appears. The BOM items from the new version are displayed and can be changed. |  |
| 10 | Change Item | On the Maintain Bill of Material screen, make the following entries:  Item number: 0010  Item Category: L(Stock Item)  Component: SG21  Component quantity: 2 PC | Item is changed. |  |
| 11 | Choose Save | On the Maintain Bill of Material screen, choose Save. | The new version of Bill of Material is saved. |  |

### Release Version

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, Version of Bill of Material is released. As a consequence, no more changes are allowed to it and creation of a new version is enabled.

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 | Set filter for Bill of Material | On the Maintain Bill of Material screen, maintain search criteria for the Bill of Material created in the previous chapter and choose Go  Material: FG326  BOM Usage: Engineering/Design  Versioning relevant: Yes | List of relevant Bill of Material(s) is displayed. |  |
| 4 | Select the Bill of Material for which you want to release the Version | On the Maintain Bill of Material screen, click the Bill of Material for which you want to release the version | Bill of Material is displayed |  |
| 5 | Choose Release | On the Maintain Bill of Material screen, choose Release. | The following dialog Box Warning is displayed:  BOM will be released and can no longer be maintained  Version Status will be set to Release.  BOM Status is not relevant for Bill of Materials with Versions |  |
| 6 | Choose OK | In the Warning dialog box, choose OK. | Version Status is set to Release. |  |

## Major Change

### 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 (MM01) app is launched and Create Material (Initial Screen) screen appears. |  |
| 3 | Copy(Create) Material | On the Create Material (Initial Screen) screen, enter the following data:  Material : FG326\_V1  Material Type :Finished Product  Copy From:FG326  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 (Finished Product) screen appears. |  |
| 5 | Save Your Data | On the Create Material FG326\_V1 (Finished Product) screen, do the following:  Choose Save.A message is displayed which confirms that the material is created | Material FG326\_V1 Created. |  |

### Copy Versioned 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, when changes are major, you can copy existing versioned BOM to all new Bill of Materials using the Material created in the previous test step.

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 appears. |  |
| 2 | Access 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: FG326  BOM Usage: Engineering/Design  Versioning relevant:Yes | 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 choose Copy BOM. | The Copy BOM pop up screen is displayed. |  |
| 5 | Enter Material Detail | Enter the following data in the Copy BOM pop-up screen and select OK.  Material: FG326\_V1  BOM Usage: 2 (Engineering/Design)  Copy Components : Flagged | The Maintain Bill of Material screen is displayed in draft mode  Users can now choose to perform either of the two steps as mentioned in the next chapters.  Note You can also refer existing Material if Material is not created in the previous test step |  |

#### Discard Versioned 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, if 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. | The SAP Fiori launchpad appears. |  |
| 2 | Access the Fiori App | Open the 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: FG326\_V1  BOM Usage: Engineering/Design | The Draft BOM is listed. |  |
| 4 | Select the BOM to be discarded | Choose the BOM to be discarded from the result list | The draft BOM is displayed. |  |
| 5 | Discard the BOM | On the Maintain Bill of Material screen, select Cancel | The draft BOM will be deleted. |  |

#### Change Versioned 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 step, after creating a new BOM, user can make all necessary changes to the BOM component.

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 appears. |  |
| 2 | Access the Fiori App | Open the 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: FG326\_V1  BOM Usage: Engineering/Design | The draft BOM is displayed. |  |
| 4 | Click the BOM to be changed | Choose the correct BOM from the result list | The Maintain Bill of Material screen of draft BOM is displayed. |  |
| 5 | Enter BOM Item Category, Component, and Component quantity | In the BOM Item Number 0120 line, make entries similar to the following example:  Component: RM27  Component quantity: 1 PC |  |  |
| 6 | Save | Choose Save | The BOM is changed. |  |

##### Release Version

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, Version of Bill of Material is released. As a consequence, no more changes are allowed to it and creation of a new version is enabled.

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 | Set filter for Bill of Material | On the Maintain Bill of Material screen, maintain search criteria for the Bill of Material created in the previous chapter and choose Go  Example  Material: FG326\_V1  BOM Usage: Engineering/Design  Versioning relevant: Yes | List of relevant Bill of Material(s) is displayed. |  |
| 4 | Select the Bill of Material for which you want to release the Version | On the Maintain Bill of Material screen, click the Bill of Material for which you want to release the version | Bill of Material is displayed |  |
| 5 | Choose Release. | On the Maintain Bill of Material screen, choose Release. | The following dialog Box Warning is displayed:  BOM will be released and can no longer be maintained  Version Status will be set to Release.  BOM Status is not relevant for Bill of Materials with Versions |  |
| 6 | Choose OK. | In the Warning dialog box, choose OK. | Version Status is set to Release. |  |

# 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 |
| n.a. | n.a. |

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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