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| Test Script  SAP S/4HANA - 21-08-20 | public |
| Managing Material Price Changes and Inventory Values (1ZT\_DE) |

Table of Contents

[1 Purpose 2](#_Toc51143334)

[2 Prerequisites 3](#_Toc51143335)

[2.1 System Access 3](#_Toc51143336)

[2.2 Roles 3](#_Toc51143337)

[2.3 Master Data, Organizational Data and Other Data 3](#_Toc51143338)

[2.4 Additional Manual Configuration 4](#_Toc51143339)

[3 Overview Table 5](#_Toc51143340)

[4 Test Procedures 6](#_Toc51143341)

[4.1 Alternative 1: One step price change 6](#_Toc51143342)

[4.1.1 Change Material Costs 6](#_Toc51143343)

[4.2 Alternative 2: Two Steps Procedure 7](#_Toc51143344)

[4.2.1 Enter Future Prices 7](#_Toc51143345)

[4.2.2 Release Planned Price Changes 9](#_Toc51143346)

[4.2.3 Material Inventory Values - Balance Summary 11](#_Toc51143347)

# Purpose

This scope item provides users with an example of a process description that they can use to change material prices, mark prices for change, and release prices for material valuation.

You can make a price change in the following two ways:

* In a single processing step with immediate effect: When material costs are changed, inventory is revaluated with all price controls, including valuation with standard price and valuation with periodic unit price.
* Change in a two-step procedure via determine Future Prices and Releasing Planned Prices:

(1) When future prices are entered, the new future valuation prices are updated in all currencies and valuations in the material ledger data and in the company code currency in the material master record.

(2) When planned price changes are released, the system updates the valid future prices (in the various currencies and valuations) as the current standard price or valuation price, and calculates a revaluation amount for the specific inventory quantity and revaluates the inventory value by this amount. The offsetting entry takes place in the revaluation account in accordance with account determination. If no material stock exists, only the price is 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 |
| Inventory Accountant | SAP\_BR\_INVENTORY\_ACCOUNTANT | Inventory Accounting | SAP\_BR\_INVENTORY\_ACCOUNTANT |  |

## Master Data, Organizational Data and Other Data

The organizational structure and master data of your company is 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 Master |  | Materials used for procurement and materials that are produced. For example materials with material type FERT/HALB/ROH/VERP/HAWA | No specific materials necessary, but transaction data must be available.  If you are using standard costing with material price control S, manual price changes via this transaction is not recommended and can lead to errors. |

## 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, refer to the Set-Up Instructions for this scope item on [SAP Best Practices Explorer](https://rapid.sap.com/bp) (https://rapid.sap.com/bp/#/browse/scopeitems/<enter the scope item ID>).

# Overview Table

This scope item consists of several processes provided in the following tables.

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 .

Table 1: Alternatve 1: One step price change procedure

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Transaction/App | Expected Results |
| [Change Material Costs](#unique_8) [page ] 6 | Inventory Accountant | Manage Material Valuations (F2680) | Inventory is revaluated with all price controls, including valuation with standard price and valuation with periodic unit price. |

Table 2: Alternative 2: Two steps price change procedure

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Transaction/App | Expected Results |
| [Enter Future Prices](#unique_9) [page ] 7 | Inventory Accountant | Manage Material Valuations (F2680) | The new future valuation prices are updated in all currencies and valuations in the material ledger data and also in the company code currency in the material master record. |
| [Release Planned Price Changes](#unique_10) [page ] 9 | Inventory Accountant | Manage Material Valuations (F2680) | The system does the following:   * Updates the valid future prices (in the various currencies and valuations) as the current standard price or valuation price. * Calculates a revaluation amount for the specific inventory quantity and revaluates the inventory value by this amount.   The offsetting entry takes place in the revaluation account in accordance with account determination.  If no material stock exists, only the price is changed. |
| [Material Inventory Values - Balance Summary](#unique_11) [page ] 11 | Inventory Accountant | Material Inventory Values - Balance Summary (F1035) | Report with inventory Details. |

# Test Procedures

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

## Alternative 1: One step price change

### Change Material Costs

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

This activity updates the material price of a single material with immediate effect.

Alternatively, you can use the Upload Material Inventory Prices (F4006) app to update the material prices of multiple materials at once.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Log onto the SAP Fiori launchpad as a Inventory Accountant. | The SAP Fiori launchpad displays. |  |
| 2 | Access the SAP Fiori app | Open Manage Material Valuations (F2680). | The Manage Material Valuations (F2680) screen displays. |  |
| 3 | Enter Data | Make the following entries:  Company Code: 1010  Material: TG12  Plant: 1010  Choose Go and select the first entry in the table to navigate to the details page. | The Current Material Valuation screen displays. |  |
| 4 | Enter Data | Choose the More icon on the top right of the screen, and choose Change Inventory Prices.  Select the current date as the Posting Date.  In the Company code currency row, change the value of New Price to a different numeric value, for example 10.  In the Group currency row, choose the Converticon underneath the Convert column.  Choose Save |  |  |

## Alternative 2: Two Steps Procedure

### Enter Future Prices

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 new future valuation prices are updated in all currencies and valuations in the material ledger data and the company code currency in the material master record.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Log onto the SAP Fiori launchpad as a Inventory Accountant. | The SAP Fiori launchpad displays. |  |
| 2 | Access the SAP Fiori app | Open Manage Material Valuations (F2680) | The Manage Material Valuations (F2680) screens display. |  |
| 3 | Enter Data | Make the following entries:  Material: Example TG12  Plant: 1010  Select the Go button. |  |  |
| 4 | Enter Data | Select the box for the material with valuation view 10 (Company code Currency) and choose Change Future Prices with Reference.  Make following entries:  Valid from:<Start of Next Period>  Valid from Date:<enter a date>  Price Source: Standard Price  Ledger to Be Translated From: 0L (Ledger 0L)  Currency Type to Be Translated From: 10 (CCde Crcy)  Currency Translation Date: <todays date>  Exchange Rate Type:M (Standard translation at average rate)  Additional Factor: Example 1,0  Select the OK button.  Note Make the same entries for Crcy type/val.view 30 (Group currency) except for Currency Type/Valuation To Be Translated From should be set to Group currency. | Additional Factor: Here, you can specify a factor by which the price of the material should be multiplied.  Example:  If you want to increase the price of a material by 10%, enter the factor 1.1.  If you want to decrease the price of a material by 10%, enter the factor 0.9. |  |
| 5 | Review Data | Select the line to navigate to the Current Material Valuation view of the material. | Here you can see the impact of price change on Future. Price based on Additional factor you specified.  You can review future price for Co Code and Group |  |

### Release Planned Price Changes

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 system does the following:

* Updates the valid future prices (in the various currencies and valuations) as the current standard price or valuation price.
* Calculates a revaluation amount for the specific inventory quantity and revaluates the inventory value by this amount.

The offsetting entry takes place in the revaluation account in accordance with account determination.

If no material stock exists, only the price is changed.

Prerequisites

The planned prices must exist in the system and they must be valid (validity date). If no valid planned prices exist in the system, the materials continue to be valuated with the valuation price used up to this point.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Log onto the SAP Fiori launchpad as a Inventory Accountant. | The SAP Fiori launchpad displays. |  |
| 2 | Access the SAP Fiori app | Open Manage Material Valuations (F2680). | The Manage Material Valuations (F2680) screen displays. |  |
| 3 | Enter Data | Make the following entries:  Material: Example TG12  Plant: 1010  Choose the Go button. |  |  |
| 4 | Enter Data | Select both valuation views for the material (Company code currency and Group currency) and choose Release Planned Price Changes |  |  |
| 5 | Enter Data | In the Release Planned Price Changes dialog box, make an entry in Document Header Text and deselect Consider Thresholds for Price Changes. Choose the Savebutton to execute. |  |  |
| 6 | Display Changes | Select on the entry again to navigate to the Current Material Valuation view for the material. | You can see the updated inventory price for the material in both Company code currency and Group currency. |  |

### Material Inventory Values - Balance Summary

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

Summary Report for Inventory Values.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log onto SAP Fiori launchpad | Log onto the SAP Fiori launchpad as a Inventory Accountant. |  |  |
| 2 | Access the SAP Fiori app | Open: Material Inventory Values - Balance Summary (F1035). |  |  |
| 3 | Enter Data | Make the following entries:  Company Code: 1010  Ledger: Example 0L  Reporting key date: <today date>  Choose OK. | Inventory Values are Displayed; you can adjust Dimensions per your requirement. |  |

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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