Standard Cost Calculation (178)

Business Process Documentation
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Icons

<table>
<thead>
<tr>
<th>Icon</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>⚠️</td>
<td>Caution</td>
</tr>
<tr>
<td>🔍</td>
<td>Example</td>
</tr>
<tr>
<td>💡</td>
<td>Note</td>
</tr>
<tr>
<td>🔍</td>
<td>Recommendation</td>
</tr>
<tr>
<td>🔍</td>
<td>Syntax</td>
</tr>
<tr>
<td>🔍</td>
<td>External Process</td>
</tr>
<tr>
<td>🔍</td>
<td>Business Process Alternative/Decision Choice</td>
</tr>
</tbody>
</table>

Typographic Conventions

<table>
<thead>
<tr>
<th>Type Style</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Example text</em></td>
<td>Words or characters that appear on the screen. These include Field names, screen titles, pushbuttons as well as menu names, paths and options. Cross-references to other documentation.</td>
</tr>
<tr>
<td>Example text</td>
<td>Emphasized words or phrases in body text, titles of graphics and tables.</td>
</tr>
<tr>
<td>EXAMPLE TEXT</td>
<td>Names of elements in the system. These include report names, program names, transaction codes, table names, and individual key words of a programming language, when surrounded by body text, for example, SELECT and INCLUDE.</td>
</tr>
<tr>
<td>Example text</td>
<td>Screen output. This includes file and directory names and their paths, messages, source code, names of variables and parameters as well as names of installation, upgrade and database tools.</td>
</tr>
<tr>
<td>EXAMPLE TEXT</td>
<td>Keys on the keyboard, for example, function keys (such as F2) or the ENTER key.</td>
</tr>
<tr>
<td>Example text</td>
<td>Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.</td>
</tr>
<tr>
<td>&lt;Example text&gt;</td>
<td>Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries.</td>
</tr>
</tbody>
</table>
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Standard Cost Calculation

1 Purpose

Annually, the standard costs for products are updated as part of the annual operations planning (AOP). This is necessary to reflect the changes in the prices of purchased parts, change in labor and overhead costs and change in bills of materials and operations needed to manufacture the semi-finished and finished goods.

Once the planned prices for purchased parts are updated and planned activity prices are calculated, a costing run is done to calculate the new standard planned prices of the materials. The calculated standards are checked. The responsible persons are asked to make necessary corrections, e.g. in master data. Once the calculations are considered to be correct, the prices are updated as future planned costs in the respective material master records.

When the current year is closed, the marked cost estimates are released. This results in a revaluation of existing inventory to the new standard prices.

2 Prerequisites

2.1 Master Data

You have entered the master data required to go through the procedures of this scenario. Ensure that the following scenario-specific master data exists before you test this scenario:

<table>
<thead>
<tr>
<th>Master Data</th>
<th>Value</th>
<th>Selection</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Center</td>
<td>*</td>
<td>All cost centers</td>
<td></td>
</tr>
<tr>
<td>Activity Types</td>
<td>*</td>
<td>All activity types</td>
<td>All activity types used in the routings / work centers of the materials to be calculated.</td>
</tr>
<tr>
<td>Material Master</td>
<td>*</td>
<td>Material type FERT, HAWA</td>
<td>Select all materials which belong to this material type</td>
</tr>
</tbody>
</table>

2.2 Roles

Use

The following roles must have already been installed to test this scenario in the SAP NetWeaver Business Client (NWBC). The roles in this Business Process Documentation must be assigned to the user or users testing this scenario. You only need these roles if you are using the NWBC interface. You do not need these roles if you are using the standard SAP GUI.

Prerequisites

The business roles have been assigned to the user who is testing this scenario.

<table>
<thead>
<tr>
<th>Business role</th>
<th>Technical name</th>
<th>Process step</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employee (Professional User)</td>
<td>SAP_NBPR_EMPLOYEE-S</td>
<td>Assignment of this role is necessary for basic functionality.</td>
</tr>
<tr>
<td>Product Cost Controller</td>
<td>SAP_NBPR_PRDCOST_CONTRLR-S</td>
<td>All Steps</td>
</tr>
</tbody>
</table>
2.3 Preliminary Steps

The following business processes should have been finished before you start costing runs for your products:

2.3.1 Purchased Material Price Planning

Use

During annual operational planning (AOP), standard costs for purchased materials need to be periodically reviewed and updated, if necessary, to match the current market conditions and negotiated prices.

This process begins with transferring the quantities of materials required from long term planning and downloading the latest purchase prices. The material requirements valuated with the latest purchase prices are reviewed by the buyers to compare with the current standards. The buyers update the spreadsheet with the prices that they determine should be the new standard. The updated prices are then uploaded as the new planned prices. These planned prices are used by the product costing run to valuate the semi-finished and fished goods to come up with the standard cost of goods sold for the final products.

Procedure

For this activity, run the Purchased Material Price Planning (174) scenario document in its entirety.

2.3.2 Non-Manufacturing Cost Center Planning

Use

During the annual operational planning (AOP), the managers of non-manufacturing cost centers such as sales, marketing, administrative, research and development, etc. plan the costs for various cost types/elements for their respective cost centers. The usual starting point for development of these plans is the actual data for the current/previous year.

In this process, the previous year’s actual expenses for these cost centers are copied into an AOP budget version in cost center accounting. As an alternative the previous year’s budget data can also be used as a starting point for the exercise. The data in this version is downloaded into spreadsheets by each cost element and cost center. The respective cost center managers review and update the budget values according to their requirements and plans. Then these plans are uploaded back into the system. The plans in the system are reviewed and finalized.

The planned depreciation on fixed assets is transferred separately to the cost center plan version. The system calculates the planned depreciation on assets by cost center based on the asset values posted on the cost centers. In the case of cost centers having machinery, the depreciation is planned based on cost center and activity type.

The resource requirements in the form of planned activity quantities are transferred from Sales and Operations planning to the cost centers as planned activity consumption. Plan reconciliation between the SOP activity requirements and manually planned requirements on the operational cost centers is carried out. Once the activity quantities and budget amounts are finalized, planned activity prices are calculated in the system.

Procedure
For this activity, run the *Manufacturing Cost Center Planning* (176) scenario document in its entirety.

### 2.3.3 Setting Controlling Area

#### Use

The controlling area must be set before you carry out the first steps in controlling.

If the controlling area is already assigned in the user parameters (see the Quick Guide), this step is no longer necessary and can be omitted.

#### Procedure

1. Access the transaction choosing one of the following navigation options:

   **Option 1: SAP Graphical User Interface (SAP GUI)**
   
   **SAP ECC menu**
   
   `Accounting → Controlling → Cost Element Accounting → Environment → Set Controlling Area`
   
   **Transaction code**
   
   OKKS
   
   **Option 2: SAP NetWeaver Business Client (SAP NWBC) via Business Role**
   
   **Business role**
   
   Product Cost Controller
   
   (SAP_NBPR_PRDCOST_CONTRLR-S)
   
   **Business role menu**
   
   `Product Cost Controlling → Settings → Set Controlling Area`
   
   2. On the *Set Controlling Area* screen, enter Controlling area 1000.
   
   3. Save (F5) your entry as a user parameter.

### 3 Process Overview Table

<table>
<thead>
<tr>
<th>Process step</th>
<th>External process reference</th>
<th>Business condition</th>
<th>Business role</th>
<th>Transaction code</th>
<th>Expected results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create costing run</td>
<td></td>
<td>Annually during AOP process</td>
<td>Product Cost Controller</td>
<td>CK40N</td>
<td>Costing run saved with correct parameters.</td>
</tr>
<tr>
<td>Execute costing run</td>
<td></td>
<td>Annually during AOP process</td>
<td>Product Cost Controller</td>
<td>CK40N</td>
<td>Costing run executed without errors and cost estimates saved for all materials.</td>
</tr>
<tr>
<td>Review errors</td>
<td></td>
<td>The cost controller reviews errors and e-mails the unresolved errors to the master data team</td>
<td>Product Cost Controller</td>
<td>N/A</td>
<td>The errors are reviewed and emails are sent.</td>
</tr>
<tr>
<td>Process step</td>
<td>External process reference</td>
<td>Business condition</td>
<td>Business role</td>
<td>Transaction code</td>
<td>Expected results</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>----------------------------</td>
<td>---------------------------------------------------------</td>
<td>----------------------------</td>
<td>------------------</td>
<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Analyze proposed standard prices</td>
<td></td>
<td>Analyze proposed standard prices</td>
<td>Product Cost Controller</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Repeat annual operating plan scenarios</td>
<td></td>
<td>Repeat the annual operating plan scenarios as required.</td>
<td>N/A</td>
<td>N/A</td>
<td>Annual operating plan scenarios are repeated as required.</td>
</tr>
<tr>
<td>Edit cost run and execute</td>
<td></td>
<td>Annually during AOP process</td>
<td>Product Cost Controller</td>
<td>CK40N</td>
<td>Costing run saved with correct parameters.</td>
</tr>
<tr>
<td>AOP-revenue cost of sales transfer</td>
<td></td>
<td>Valuating the CO-PA planned quantities to get revenue and cost of sales amounts.</td>
<td>Product Cost Controller</td>
<td>See 172 Sales Quantity Budget and Transfer to SOP scenario</td>
<td></td>
</tr>
<tr>
<td>Create frozen costing run</td>
<td></td>
<td>When AOP is frozen</td>
<td>Product Cost Controller</td>
<td>CK40N</td>
<td>Costing run saved with correct parameters.</td>
</tr>
<tr>
<td>Execute costing run</td>
<td></td>
<td></td>
<td>Product Cost Controller</td>
<td>CK40N</td>
<td>Costing run executed without errors and cost estimates saved for all materials.</td>
</tr>
<tr>
<td>Mark as future planned price</td>
<td></td>
<td></td>
<td>Product Cost Controller</td>
<td>CK40N</td>
<td>Future plan price updated in material master</td>
</tr>
<tr>
<td>Release standard cost estimate and revalue stock at start of new fiscal year</td>
<td></td>
<td>At start of new fiscal year</td>
<td>Product Cost Controller</td>
<td>CK40N</td>
<td>Stock revalued at new standard price</td>
</tr>
</tbody>
</table>

### 4 Process Steps

#### 4.1 Creating Costing Run

**Use**

In this activity, you create a costing run.

**Procedure 1**

1. Access the transaction choosing one of the following navigation options:
Option 1: SAP Graphical User Interface (SAP GUI)

<table>
<thead>
<tr>
<th>SAP ECC menu</th>
<th>Accounting → Controlling → Product Cost Controlling → Product Cost Planning → Material Costing → Costing Run → Edit Costing Run</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction code</td>
<td>CK40N</td>
</tr>
</tbody>
</table>

Option 2: SAP NetWeaver Business Client (SAP NWBC) via Business Role

<table>
<thead>
<tr>
<th>Business role</th>
<th>Product Cost Controller</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business role menu</td>
<td>Product Cost Controlling → Product Cost Planning → Edit Costing Run</td>
</tr>
</tbody>
</table>

2. On the Edit Costing Run screen, enter costing run <yyyy-n> where yyyy is the budget year, n is a number between 1 and 9. Enter costing run date as the first day of the budget year.

3. Choose Create Costing Run. The General Data folder will be expanded.

4. On the Costing Data tab page, make the following entries

<table>
<thead>
<tr>
<th>Field name</th>
<th>Description</th>
<th>User actions and values</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Costing Variant</td>
<td>YPC2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Costing Version</td>
<td>02</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controlling Area</td>
<td>1000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company Code</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CORPORATE CENTER</td>
<td></td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>UNICO</td>
<td></td>
<td>2000</td>
<td></td>
</tr>
<tr>
<td>CAP</td>
<td></td>
<td>3000</td>
<td></td>
</tr>
<tr>
<td>UFL</td>
<td></td>
<td>4000</td>
<td></td>
</tr>
<tr>
<td>SWAN</td>
<td></td>
<td>4010</td>
<td></td>
</tr>
<tr>
<td>GCL</td>
<td></td>
<td>5000</td>
<td></td>
</tr>
</tbody>
</table>

5. Choose Enter.

6. On the Dates tab page, make the following entries:

<table>
<thead>
<tr>
<th>Field name</th>
<th>Description</th>
<th>User actions and values</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Costing Date from</td>
<td></td>
<td>&lt;Start date of budget period&gt;</td>
<td></td>
</tr>
<tr>
<td>Costing Date to</td>
<td></td>
<td>&lt;End date of budget period&gt;</td>
<td></td>
</tr>
</tbody>
</table>
Field name | Description | User actions and values | Comment
--- | --- | --- | ---
Quantity structure date | | <Start date of budget period> | |
Valuation date | | <Start date of budget period> | |

7. Choose Save.

💡 The Controlling version 2 is used for activity rates.

**Result**
Costing run is saved with correct parameters

### 4.2 Executing Costing Run

**Use**
In this activity, you execute the costing run.

**Procedure**

1. Access the transaction choosing one of the following navigation options:

   **Option 1: SAP Graphical User Interface (SAP GUI)**

<table>
<thead>
<tr>
<th>SAP ECC menu</th>
<th>Accounting → Controlling → Product Cost Controlling → Product Cost Planning → Material Costing → Costing Run → Edit Costing Run</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction code</td>
<td>CK40N</td>
</tr>
</tbody>
</table>

   **Option 2: SAP NetWeaver Business Client (SAP NWBC) via Business Role**

<table>
<thead>
<tr>
<th>Business role</th>
<th>Product Cost Controller (SAP_NBPR_PRDCOST_CONTRLR-S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business role menu</td>
<td>Product Cost Controlling → Product Cost Planning → Edit Costing Run</td>
</tr>
</tbody>
</table>

2. On the *Edit Costing Run* screen, enter costing run <yyy-n> where yyy is the budget year, n is a number between 1 and 9. Enter costing run date as the first day of the budget year.

3. Choose Enter.

4. On the *Costing Run Processing* screen, expand the *Processing* subscreen.

5. In the *Selection* row, choose *Parameter*.

6. On the *Material Type selections*, choose *Multiple Selection* and enter ROH, HALB, FERT for the relevant plant.

7. Select *Background Processing*.

8. Choose *Save*, and then go *Back*.

9. Choose *Execute*.

10. Select *Start Immediately* and choose *Confirm*. 
11. Choose Refresh until the log is displayed or the status is set to green.

12. Check the log and resolve error messages. Warning messages may also be potential problems later on in the process, so those need to be resolved too.


14. Select Background Processing.

15. Choose Save, and then go Back.


17. Select Start Immediately and choose Confirm.

18. Choose Refresh until the log is displayed.

19. Check the log and resolve error messages. Warning messages may also be potential problems later on in the process, so those need to be resolved too.

20. In the Costing row, choose Parameter.

21. Select Log by Costing Level and Background Processing.

22. Choose Save, and then go Back.

23. Choose Execute.

24. Select Start Immediately and choose Confirm.

25. Choose Refresh until the log is displayed.

26. Check the log and resolve error messages. Warning messages may also be potential problems later on in the process, so those need to be resolved too.

27. Expand the Costing Results. Choose Material Overview to see the materials calculated.

28. In the Analysis row, choose Parameter.

29. Double-click SAP&11.

30. Choose Save, and the choose Back.

31. Choose Execute. A report is displayed.

Result
Costing run is executed without errors and cost estimates are saved for all materials. The cost estimate is stored in version 2 for each material.

Option A: If there are errors, review the errors and email the unresolved errors to the master data team. Proceed to the next step.

Option B: If there are no errors, go to step 4.4. Analyze Proposed Standard Prices.

4.3 Reviewing Errors

Use
In this step, the cost controller reviews errors and e-mails the unresolved errors to the master data team.

**Result**
The costing run is processed without errors.

4.4 Analyzing Proposed Standard Prices

**Use**
The cost controller analyzes the proposed standard prices.

- In the system are defined one valuation variant for planned cost and another valuation variant for actual cost.
- Planned cost: the costing sheet attached contains cost of sales and administrative costs in order to have a real price of the product to the market.
- Actual cost: according to existing legislation in different countries, the actual cost of materials does not include the sales and administrative costs; this is solved by using a different costing sheet.
- If the product cost is correct, proceed to step 4.7 AOP – Revenue Cost of Sales Transfer. If the product cost is not correct, proceed to the next step.

4.5 Repeating Annual Operating Plan Scenarios

**Use**
In this step, you repeat the annual operating plan scenarios as required.

4.6 Editing Costing Run and Executing

**Use**
The costing run needs to be edited and executed. For details on costing run, please refer to the first two steps.

4.7 Revenue Cost of Sales Transfer

**Use**
- If CO-PA is not activated skip this step.

After sales quantities, standard costs and all cost center budgets are finalized, the planned data is transferred to COPA. The sales quantities are valued with planned sales prices to get the planned revenue. At the same time the sales quantities are valued with the standard costs broken down by the cost components to get the planned cost of sales. The planned cost center costs are allocated to COPA by using planned assessment cycles.

The above processes result in a planned income statement by product line. The planned income statement is reviewed. After the income statement is approved, it is transferred from the AOP
budget version in COPA to the active version. Both, the AOP budget version and active version are then locked for planning.

**Procedure**

For this activity, run the *Sales Quantity Budget and Transfer to SOP (172)* scenario document in its entirety. In this scenario, the material cost estimate is used to calculate the cost of goods sold for the annual operating planning in CO-PA.

### 4.8 Creating Frozen Costing Run

**Use**

In this activity, you create a frozen costing run.

**Prerequisites**

The costing run for the proposed standard prices is without errors and the prices are correct.

**Procedure**

1. Access the transaction choosing one of the following navigation options:
   
   **Option 1: SAP Graphical User Interface (SAP GUI)**
   
   **SAP ECC menu**
   
   Accounting → Controlling → Product Cost Controlling → Product Cost Planning → Material Costing → Costing Run → Edit Costing Run
   
   **Transaction code**
   
   CK40N
   
   **Option 2: SAP NetWeaver Business Client (SAP NWBC) via Business Role**
   
   **Business role**
   
   Product Cost Controller
   
   (SAP_NBPR_PRDCOST_CONTRLR-S)
   
   **Business role menu**
   
   Product Cost Controlling → Product Cost Planning → Edit Costing Run
   
   2. On the *Edit Costing Run* screen, enter costing run <yyy-n> where yyyy is the budget year, n is a number between 1 and 9. Enter costing run date as the first day of the budget year.
   
   3. Choose *Create Costing Run*. The General Data folder is expanded.
   
   4. On the *Costing Data* tab page, make the following entries:
   
<table>
<thead>
<tr>
<th>Field name</th>
<th>Description</th>
<th>User actions and values</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Costing Variant</td>
<td></td>
<td>YPC1</td>
<td></td>
</tr>
<tr>
<td>Costing Version</td>
<td></td>
<td>01</td>
<td></td>
</tr>
<tr>
<td>Controlling Area</td>
<td></td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>Company Code</td>
<td></td>
<td>&lt;select company code&gt;</td>
<td></td>
</tr>
</tbody>
</table>
   
   5. On the *Dates* tab page, make the following entries:
   
<table>
<thead>
<tr>
<th>Field name</th>
<th>Description</th>
<th>User actions and values</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Costing Date from</td>
<td></td>
<td>&lt;Start date of budget&gt;</td>
<td></td>
</tr>
</tbody>
</table>
6. Choose Save.

The Controlling version 0 is used for activity rates of the final cost center planning.

**Result**

Costing run is saved with correct parameters.

### 4.9 Executing Frozen Costing Run

**Use**

In this activity, you execute the frozen costing run that is used to update the future standard prices for the materials.

**Prerequisites**

The frozen costing run is created.

**Procedure**

1. Access the transaction choosing one of the following navigation options:

   **Option 1: SAP Graphical User Interface (SAP GUI)**

   **SAP ECC menu**
   
   Accounting → Controlling → Product Cost Controlling → Product Cost Planning → Material Costing → Costing Run → Edit Costing Run
   
   **Transaction code**
   
   CK40N

   **Option 2: SAP NetWeaver Business Client (SAP NWBC) via Business Role**

   **Business role**
   
   Product Cost Controller
   
   (SAP_NBPR_PRDCOST_CONTRLR-S)

   **Business role menu**
   
   Product Cost Controlling → Product Cost Planning → Edit Costing Run

2. On the Edit Costing Run screen, enter costing run <yyyy-n> where yyyy is the budget year, n is a number between 1 and 9. Enter costing run date as the first day of the budget year.

3. Choose Enter.

4. On the Costing Run Processing screen, expand the Processing subscreen.

5. In the Selection row, choose Parameter.

6. On the Material Type selections, choose Multiple Selection and enter ROH, HALB, FERT.
To avoid errors, material type FERT and HALB must have maintained BOM and Routings.

Select **Background Processing**.

Choose **Save**, and then go **Back**.

Choose **Execute**.

Select **Start Immediately** and choose **Confirm**.

Choose **Refresh** until the log is displayed.

Check the log and resolve error messages. Warning messages may also be potential problems later on in the process, so those need to be resolved too.

If the log does not appear, choose **System → Own jobs** to check if job was cancelled.

On the **Struct. Explosion Row**, choose **Parameter**.

Select **Background Processing**.

Choose **Save**, and then go **Back**.

Choose **Execute**.

Select **Start Immediately** and choose **Confirm**.

Choose **Refresh** until the log is displayed.

Check the log and resolve error messages. Warning messages may also be potential problems later on in the process, so those need to be resolved too.

In the **Costing row**, choose **Parameter**.

Select **Log by Costing Level and Background Processing**.

Choose **Save**, and then go **Back**.

Choose **Execute**.

Select **Start Immediately** and choose **Confirm**.

Choose **Refresh** until the log is displayed.

Check the log and resolve error messages. Warning messages may also be potential problems later on in the process, so those need to be resolved too.

Expand the Costing Results. Choose **Material Overview** to see the materials calculated.

In the **Analysis row**, choose **Parameter**.

Double-click **SAP&11**.

Choose **Save**, and then go **Back**.

Choose **Execute**. A report is displayed.

**Result**

Costing run is executed without errors and cost estimates are saved for all materials. The cost estimate is stored in version 1 for each material.
4.10 Marking the Future Planned Prices

**Use**

In this activity, you mark the calculated prices as future planned prices in the material masters.

**Prerequisites**

The costing run for the proposed standard prices is without errors and the prices are correct.

**Procedure**

1. Access the transaction choosing one of the following navigation options:
   - **Option 1: SAP Graphical User Interface (SAP GUI)**
     
     | SAP ECC menu                                      | Transaction code |
     |---------------------------------------------------|------------------|
     | Accounting → Controlling → Product Cost Controlling → Product Cost Planning → Material Costing → Costing Run → Edit Costing Run | CK40N            |
   
   - **Option 2: SAP NetWeaver Business Client (SAP NWBC) via Business Role**
     
     | Business role | Business role menu                                      |
     |---------------|--------------------------------------------------------|
     | Product Cost Controller                          | Product Cost Controlling → Product Cost Planning → Edit Costing Run |
     | (SAP_NBPR_PRDCOST_CONTRLR-S)                      |                                                           |

2. Enter the **relevant costing run** and choose **Enter**.

3. On the **Costing Run Processing** screen, expand the Processing subscreen.

4. In the **Marking row**, choose **Authorization**.

5. Select company code and choose Issue marking allowance.

6. In the **Costing variant** field, enter **YPC1** and in the **Costing version field**, enter **01** for this scenario.

7. Choose **Issue marking allowance (Enter)** and go **Back**.

8. On the **Marking row** choose **Parameter**.

9. Select **Test Run** as needed.

10. Select **Background Processing**.

11. Choose **Save**, and then go **Back**.

12. Choose **Execute**.

13. Select **Start Immediately** and choose **Confirm**.

14. Choose **Refresh** until the log is displayed.

15. Check the log and resolve error messages.

**Result**

Future planned price is updated in material master.
Option A: If there are errors, review the errors, edit costing run and execute.

Option B: If there are no errors, go to the next step.

4.11 Releasing Standard Cost Estimate and Revaluing Stock at Start of New Fiscal Year

Use
This activity releases standard cost estimates and revalue stock at start of new fiscal year.

Prerequisites
Future planned prices are marked in the material master.

Procedure
1. Access the transaction choosing one of the following navigation options:

   Option 1: SAP Graphical User Interface (SAP GUI)

   | SAP ECC menu | Accounting → Controlling → Product Cost Controlling → Product Cost Planning → Material Costing → Costing Run → Edit Costing Run |
   | Transaction code | CK40N |

   Option 2: SAP NetWeaver Business Client (SAP NWBC) via Business Role

   | Business role | Product Cost Controller (SAP_NBPR_PRDCOST_CONTRLR-S) |
   | Business role menu | Product Cost Controlling → Product Cost Planning → Edit Costing Run |

2. Enter the relevant costing run and choose Enter.

3. On the Costing Run Processing screen, expand the Processing subscreen.


5. Select Test Run as needed.

6. Select Background Processing.

7. Choose Save, and then go Back.

8. Choose Execute.

9. Select Start Immediately and choose Confirm.

10. Choose Refresh until the log is displayed.

11. Check the log and resolve error messages.

Result
Stock is revalued at new standard price for all materials.
The new standard price cannot be updated before the first day of the validity of the costing run. Example: Costing run valid from 01/01/2009, so releasing the standard price is possible on 01/01/2009 at the earliest.

5 Appendix

5.1 Reversal of Process Steps

In the following section, you can find the most common reversal steps, which you can take to reverse some of the activities described in this document.

Create costing run

<table>
<thead>
<tr>
<th>Transaction code ( SAP GUI)</th>
<th>CK44</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reversal:</td>
<td>Delete Costing Run</td>
</tr>
<tr>
<td>Transaction code ( SAP GUI)</td>
<td>CK44</td>
</tr>
<tr>
<td>Business role</td>
<td>Product Cost Controller (SAP_NBPR_PRDCOST_CONTRLR-S)</td>
</tr>
<tr>
<td>Business role menu</td>
<td>Product Cost Controlling → Product Cost Planning → Delete Costing Run</td>
</tr>
<tr>
<td>Comment</td>
<td>Important: Only delete a costing run if the calculations are not needed.</td>
</tr>
</tbody>
</table>

Execute costing run

<table>
<thead>
<tr>
<th>Transaction code ( SAP GUI)</th>
<th>CK40N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reversal:</td>
<td>N/A</td>
</tr>
<tr>
<td>Transaction code ( SAP GUI)</td>
<td>N/A</td>
</tr>
<tr>
<td>Business role</td>
<td>Product Cost Controller (SAP_NBPR_PRDCOST_CONTRLR-S)</td>
</tr>
<tr>
<td>Business role menu</td>
<td>Product Cost Controlling → Product Cost Planning → Edit Costing Run</td>
</tr>
<tr>
<td>Comment</td>
<td>You can execute the single steps as often as necessary until the calculations and prices are correct.</td>
</tr>
</tbody>
</table>

Mark as future planned price

<table>
<thead>
<tr>
<th>Transaction code ( SAP GUI)</th>
<th>CK40N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reversal:</td>
<td>N/A</td>
</tr>
<tr>
<td>Transaction code ( SAP GUI)</td>
<td>N/A</td>
</tr>
<tr>
<td>Business role</td>
<td>Product Cost Controller (SAP_NBPR_PRDCOST_CONTRLR-S)</td>
</tr>
<tr>
<td>Business role menu</td>
<td>Product Cost Controlling → Product Cost Planning → Edit</td>
</tr>
</tbody>
</table>
### Costing Run

**Comment**
You can mark the prices as often as needed. The previously marked price is overwritten.

---

<table>
<thead>
<tr>
<th>Release standard cost estimate and revalue stock at start of new fiscal year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Transaction code (SAP GUI)</strong></td>
</tr>
<tr>
<td><strong>Reversal</strong></td>
</tr>
<tr>
<td><strong>Transaction code (SAP GUI)</strong></td>
</tr>
<tr>
<td><strong>Business role</strong></td>
</tr>
<tr>
<td><strong>Business role menu</strong></td>
</tr>
<tr>
<td><strong>Comment</strong></td>
</tr>
</tbody>
</table>

### 5.2 Used Forms

Not applicable.