



# Std Cost estimation Planning

**Created By**

**Balamari P (FICO Consultant)**

**+916381572600**



## Overview

This document is intended to explain how to calculate a standard price for materials with price control S: When you mark the standard cost estimate, the result of the cost estimate is written to the costing view of the material master record as the future standard price

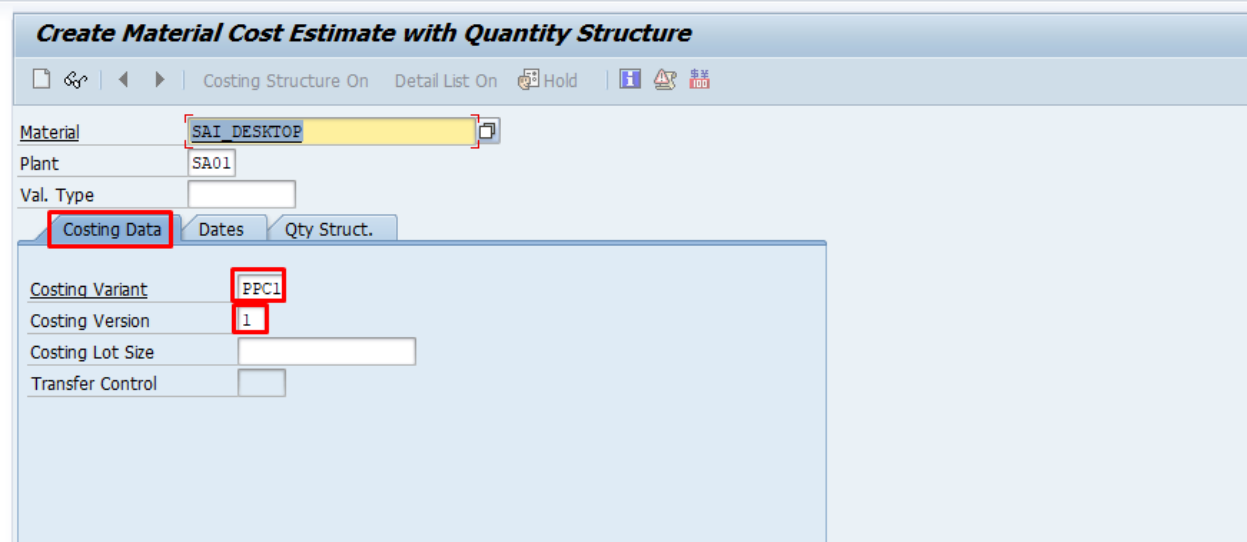
In The meantime Once Price will be released in the std cost estimation,the system will update a Current price of the material Master.

### Standard cost estimation

#### Transaction code-CK11N

In this transaction code we have to mark price as std cost estimation for the materials.

- Costing Variant-PPC1 (It determine the how a cost estimate is performed and valued)
- Costing version-Number that serves to differentiate between cost estimates for the same material.



The screenshot displays the SAP transaction 'Create Material Cost Estimate with Quantity Structure'. The interface includes a title bar with navigation icons and a main input area. The 'Material' field is set to 'SAI\_DESKTOP', and the 'Plant' is 'SA01'. The 'Costing Data' tab is active, showing 'Costing Variant' as 'PPC1' and 'Costing Version' as '1'. Other fields like 'Val. Type', 'Costing Lot Size', and 'Transfer Control' are present but empty.

Field	Value
Material	SAI_DESKTOP
Plant	SA01
Val. Type	
Costing Variant	PPC1
Costing Version	1
Costing Lot Size	
Transfer Control	

Costing Date: When and which date is valid for the cost estimation?

Qty structure date : date which the quantity structure is selected for the cost estimate with quantity structure

The screenshot shows the 'Create Material Cost Estimate with Quantity Structure' dialog box in SAP. The 'Dates' tab is selected. The following fields are visible:

Material	SAI_DESKTOP	Desktop
Plant	SA01	
Val. Type		
Costing Date From	11.12.2022	
Costing Date To	31.12.9999	
Qty Structure Date	11.12.2022	
Valuation Date	11.12.2022	Default Values

In the Qty structure tab we can see the BOM and routing which selected based the Costing variant

The screenshot shows the 'Create Material Cost Estimate with Quantity Structure' dialog box in SAP, with the 'Qty Struct.' tab selected. The 'Costing Structure' is set to 'Desktop'. The following fields are visible:

Material	SAI_DESKTOP	Desktop
Plant	SA01	
Val. Type		
BOM	00000361	
Usage	6	
Alternative	1	
Task List Type	N	
Group	50000242	
Group Counter	1	
Production Version		

**Create Material Cost Estimate with Quantity Structure**

Costing Structure Off    Detail List Off    Hold   

Material: SAI\_DESKTOP    Desktop  
 Plant: SA01  
 Val. Type:

Costing Structure: Desktop

- SAI\_RAM
- MONITER
- KEYBOARD AND M...
- CPU
- HARD DISK

Costing Data    Dates    Qty Struct.    Valuation    History    Costs

Costs Based On: 1 Costing Lot Size    1    EA   

Cost Component View	Total Costs	Fixed Costs	Variable	Currency
Cost of Goods Manufactur...	33,000.00	5,500.00	27,500.00	INR
Cost of Goods Sold	33,000.00	5,500.00	27,500.00	INR
Sales and Administration C...	0.00	0.00	0.00	INR
Inventory (Commercial)	0.00	0.00	0.00	INR
Inventory (Tax-Based)	0.00	0.00	0.00	INR

1 Cost of Goods Manufactured    Partner

Itemization in Company Code Currency

Item	Resource	Cost Eleme	Total Value	Fixed Value	COCr	Quantity	Un
1	E 1000100102 QULAITY QUALIT	6000000	1,000.00	1,000.00	INR	0.5	HR
2	M SA01 SAI_RAM	8000004	6,000.00	0.00	INR	1	EA
3	M SA01 SAI_MONITER	8000004	7,000.00	0.00	INR	1	EA
4	M SA01 SAI_KEYBOARD_MOUSE	8000004	2,000.00	0.00	INR	1	EA
5	M SA01 SAI_CPU	8000004	8,000.00	0.00	INR	1	EA
6	M SA01 SAI_HARD_DISK	8000004	2,000.00	0.00	INR	1	EA

**Create Material Cost Estimate with Quantity Structure**

Costing Structure Off    Detail List Off    Hold

Material: SAI\_DESKTOP    Plant: SA01    Val. Type:

Costing Data    Dates    Qty Struct.    Valuation    History    Costs

BOM Data		Routing Data	
BOM	00000361	Task List Type	N
Usage	€	Group	50000242
Alternative	1	Group Counter	1

Production Version:

Cost Components in Company Code Currency

C...	Name of Cost Comp.	Σ	Overall Σ	Fixed Σ	Variable Σ	Crcy
1	Raw Materials	25,000.00			25,000.00	INR
2	Human Resources	500.00		500.00		INR
3	Production	5,000.00		5,000.00		INR
4	Material Overhead	2,500.00			2,500.00	INR
5	Production Overhead					INR
8	External Activity					INR
9	Miscellaneous					INR
		33,000.00		5,500.00	27,500.00	INR

✓ The cost estimate is being saved



## Releasing the Price

### Transaction code-CK24

**Price Update: Mark Standard Price**

⌚ ⚙️ 📄 📊 🔄 Release 🔄 Other Prices

Posting Period/Fiscal Year:  2022 🔦 MarkingAllowance

Company Code:  to  ➡️

Plant:  to  ➡️

Material:  to  ➡️

---

**Valuation View**

Legal Valuation

---

**Processing Options**

Test Run

With List Output

Parallel Processing

Background Processing

### Price Update: Organizational Measure

Posting Period/Fiscal Year: 12 2022

Ex...	Company Code	Valuation View	Costing Version
⊗	A420	Legal Valuation	
⊗	ABB	Legal Valuation	
⊗	B100	Legal Valuation	
⊗	D001	Legal Valuation	
⊗	E100	Legal Valuation	
⊗	E110	Legal Valuation	
⊗	F115	Legal Valuation	
⊗	H110	Legal Valuation	
⊗	H120	Legal Valuation	
⊗	KAM	Legal Valuation	
⊗	M115	Legal Valuation	
⊗	MRF	Legal Valuation	
⊗	NR01	Legal Valuation	
⊗	SA01	Legal Valuation	
⊗	T110	Legal Valuation	
⊗	VASU	Legal Valuation	

Permitted Costing Variant

Costing Variant: ppc1


Costing Version: 01

### Price Update: Organizational Measure

Posting Period/Fiscal Year: 12 2022

Ex...	Company Code	Valuation View	Costing Version	Released
<input type="checkbox"/>	A420	Legal Valuation		
<input type="checkbox"/>	ABB	Legal Valuation		
<input type="checkbox"/>	B100	Legal Valuation		
<input type="checkbox"/>	D001	Legal Valuation		
<input type="checkbox"/>	E100	Legal Valuation		
<input type="checkbox"/>	E110	Legal Valuation		
<input type="checkbox"/>	F115	Legal Valuation		
<input type="checkbox"/>	H110	Legal Valuation		
<input type="checkbox"/>	H120	Legal Valuation		
<input type="checkbox"/>	KAM	Legal Valuation		
<input type="checkbox"/>	M115	Legal Valuation		
<input type="checkbox"/>	MRF	Legal Valuation		
<input type="checkbox"/>	NR01	Legal Valuation		
<input checked="" type="checkbox"/>	SA01	Legal Valuation	1	
<input type="checkbox"/>	T110	Legal Valuation		
<input type="checkbox"/>	VASU	Legal Valuation		

Allowance for marking was issued



### Price Update

Log created on 11.12.2022

Information 2  
Warnings  
Error  
Total 2

Material	Plnt	AppAr	MsgNo	Message Text	ItmNo
000		CK	790	***** Summary Test run: *****	
000		CK	705	Of 6 materials, 6 cost estimates were updated successfully	



### Price Update: Mark Standard Price

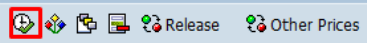


#### Test run

x..	Material	Plant	Valuation Type	Costin...	Fut. plnd price	Standard price	Pr
	SAI_CPU	SA01		VO	8,000.00	8,000.00	
	SAI_DESKTOP	SA01		VO	33,000.00	0.00	
	SAI_HARD_DISK	SA01		VO	2,000.00	2,000.00	
	SAI_KEYBOARD_MO...	SA01		VO	2,000.00	2,000.00	
	SAI_MONITOR	SA01		VO	7,000.00	7,000.00	
	SAI_RAM	SA01		VO	6,000.00	6,000.00	

### Production Run

### Price Update: Mark Standard Price



Posting Period/Fiscal Year: 12 | 2022      MarkingAllowance

Company Code: SA01      to: [ ]      [↔]

Plant: [ ]      to: [ ]      [↔]

Material: [ ]      to: [ ]      [↔]

Valuation View

Legal Valuation

Processing Options

Test Run

With List Output

Parallel Processing

Background Processing

**Price Update**

Log created on 11.12.2022

Information 2  
Warnings  
Error  
Total 2

△ T	Material	Plnt	AppAr	MsgNo	Message Text	ItmNo
○○○ I			CK	790	***** Summary : *****	
○○○ I			CK	705	Of 6 materials, 6 cost estimates were updated successfully	

Of 6 materials, 6 cost estimates were updated successfully

## Material master

### Transaction code-MM02

Price was updated in the future price

**Change Material SAI\_DESKTOP (Finished Product)**

Costing 1 Costing 2 Plant Stock Stor. Location Stock

Material SAI\_DESKTOP  
 Descr. Desktop  
 Plant SA01 Desktop Plant

Standard Cost Estimate


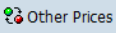
Cost Estimate	Future	Current	Previous
Period / Fiscal Year	12 2022	0	0
Planned Price	33,000.00	0.00	0.00
Standard price		0.00	


Planned prices


Planned price 1		Planned price date 1	
Planned price 2		Planned price date 2	
Planned price 3		Planned price date 3	


Valuation Data


**Price Update: Mark Standard Price**

 Release
  Other Prices

Posting Period/Fiscal Year:  2022
  Marking Allowance

Company Code:  to  

Plant:  to  

Material:  to  

---

**Valuation View**




Legal Valuation

---


**Processing Options**


Test Run  
 With List Output  
 Parallel Processing  
 Background Processing


**Price Update: Release Standard Price**


 Marking
  Other Prices

Posting Period/Fiscal Year:  2022

Company Code:  to  

Plant:  to  

Material:  to  

No. of Materials in Document:

---

**Processing Options**

Test Run
 ]

With List Output  
 Parallel Processing  
 Background Processing

**Price Update**

Log created on 11.12.2022

Information 2  
 Warnings  
 Error  
 Total 2

Material	Plant	AppAr	MsgNo	Message Text	ItemNo
CO	I	CK	790	***** Summary Test run: *****	
CO	I	CK	705	Of 6 materials, 6 cost estimates were updated successfully	

**Price Update: Release Standard Price**

Test run

Ex...	Material	Plant	Valuation Type	Costin...	Standard price	Price unit	Currency
	SAI CPU	SA01		FR	8,000.00	1	INR
	SAI HARD DISK	SA01		FR	2,000.00	1	INR
	SAI KEYBOARD MQ...	SA01		FR	2,000.00	1	INR
	SAI MONITER	SA01		FR	7,000.00	1	INR
	SAI RAM	SA01		FR	6,000.00	1	INR
	SAI DESKTOP	SA01		FR	33,000.00	1	INR

**Price Update: Release Standard Price**

Marking     Other Prices

Posting Period/Fiscal Year: 12 2022

Company Code: SA01    to:       
 Plant:     to:       
 Material:     to:    

No. of Materials in Document: 128

**Processing Options**

Test Run  
 With List Output  
 Parallel Processing  
 Background Processing

**Price Update**

Error Management

Log created on 11.12.2022

Information    3  
 Warnings  
 Error  
 Total            3

△	I	Material	Plnt	AppAr	MsgNo	Message Text	ItmNo
○○○	I			CKPRCH	019	Price change document 3000000061 posted	
○○○	I			CK	790	***** Summary : *****	
○○○	I			CK	705	Of 6 materials, 6 cost estimates were updated successfully	

Of 6 materials, 6 cost estimates were updated successfully

Now material price is updated for the FG,SFG,Raw material components.

Material Master

Transaction code-MM02

The current price was updated in the material master.

**Display Material SAI\_DESKTOP (Finished Product)**

Additional Data   Org. Levels

Costing 1   Costing 2   Plant stock   Stor. loc. stck   WM Execution

Material: SAI\_DESKTOP  
Descr.: Desktop  
Plant: SA01 Desktop Plant

**Standard Cost Estimate**

Cost Estimate	Future	Current	Previous
Period / Fiscal Year	0	12 2022	0
Planned Price	0.00	33,000.00	0.00
Standard price		33,000.00	

**Planned prices**

Planned price 1	0.00	Planned price date 1	
Planned price 2	0.00	Planned price date 2	
Planned price 3	0.00	Planned price date 3	

**Valuation Data**

Valuation Class	SA02	Valuation Category	
VC: Sales order stk		Proj. stk val. class	
Price control	S	Current period	1 2023
Price unit	1	Currency	INR
Moving price	0.00	Standard price	33,000.00

\*\*\*\*\*END OF THE DOCUMENT\*\*\*\*\*