

CK40N - Calculate the standard cost estimate

 The monthly calculation of the cost estimate starts with four steps. Run every month since D-6 until D-2 or D-1 depends of each company. In order to continue for the other steps we need the approval from all controllers.

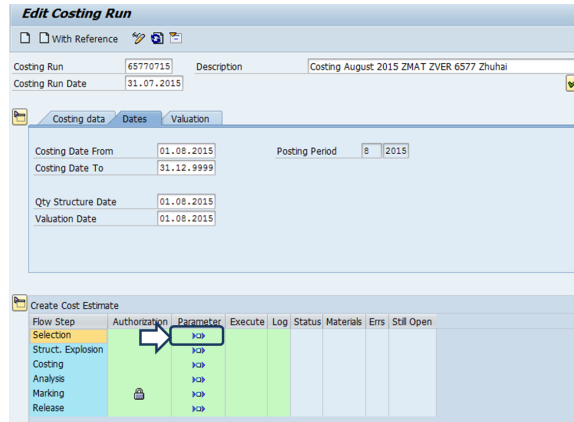
STEP 1

The date of the first day of the cycle appears. To avoid any problems, calculation must remain until 31.12.9999.

The cycle starts with the selection of the materials that are costed. Click on



in the column « Parameter » / line « Selection »

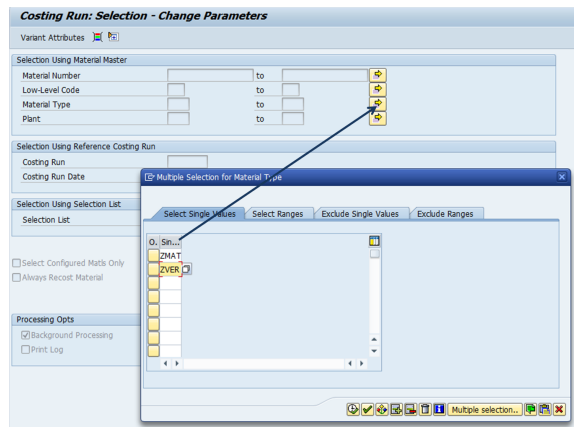


STEP 2

A new screen appears

1. Click on  beside Material Type
2. Enter the Material type :
 - **ZMAT** : Finished product & RM & SF
 - **ZVER** : Packaging

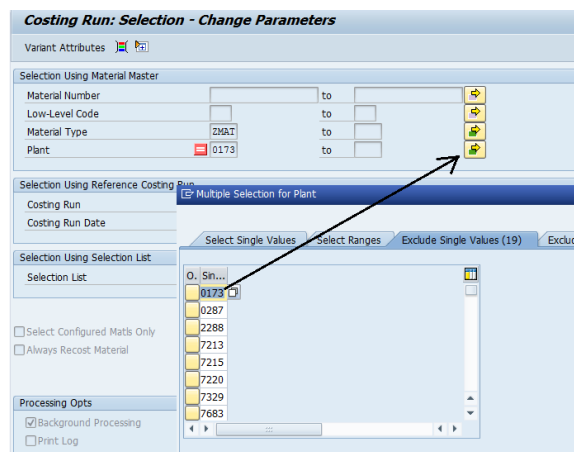
and execute 



STEP 3

In the same screen update the plants:

1. Click on  beside Plant
2. In tab Exclude single values
3. Add the plants from **SQ00** in tab excludes



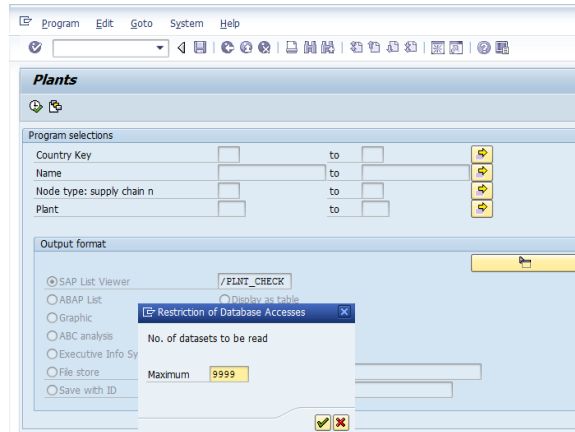
STEP 4

To remove Trading Plants (Négoce /NDIR) from WP1 Costing Run the following selections must be performed:

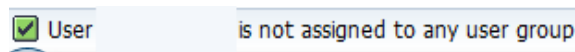
1. Go to **SQ00**, user group "**Costing**", choose the Query "**PLANTS**" and execute 
2. In case you get an error message saying that your User is not assigned to any User Group, go to Environment -> Work areas and choose Standard area. After go to Edit -> Other User Group -> Costing.
3. Select Layout **/PLNT_CHECK** and confirm for your scope if Plants listed are excluded from **CK40N** parameters.

Conclusion : The Plants should be included/added to the already existing exclude list in CK40N (do not delete the Plants already in the List).

1



2



3

Plants						
Plnt	Name 1	Rg	Region (State, Provi	Cty	Nty	House number and street
7379	ZFR3 / Négoce BE			BE		
7330	ZFR3 / Négoce DE			DE	DC	
8107	ZFR3 / Négoce ES			ES		
7329	ZFR3 / Négoce FR	93	SEINE-ST-DENIS	FR	DC	
7360	ZFR3 / Négoce GB			GB	DC	
7390	ZFR3 / Négoce Hors UE			Q1	DC	
7353	ZFR3 / Négoce IT	MI	MILANO	IT	DC	VIA MILANO 78/80
7331	ZFR3 / Négoce NL			NL	DC	
7380	ZFR3 / Négoce UE			EU	DC	

STEP 5

Check Background Processing

and save

? Unknown Attachment

The message “Values of variant xxxx” appears

Go back by clicking



Costing Run: Selection - Change Parameters

Variant Attributes

Selection Using Material Master

Material Number to
Low-Level Code to
Material Type 210LT to
Plant to

Selection Using Reference Costing Run

Costing Run
Costing Run Date

Selection Using Selection List

Selection List

☐ Select Configured Mats Only
☐ Always Recost Material

Processing Opts

☒ Background Processing
☐ Print Log

Values of variant 65770715735811 saved

STEP 6

1. Click on  in the column « Execute » / line « Selection »
2. Check Start Immediately
3. Click on

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Edit Costing Run

☐ With Reference

Costing Run 65770715 Description Costing August 2015 ZMAT ZVER 6577 Zhuhai
Costing Run Date 31.07.2015

Costing data Dates Valuation

Costing Variant 2FO PC Costing Variant RCS
Costing Version 1 Version w/o Customizing
Controlling Area 2026 Rhoda Asia Pacific
Company Code 6577 Zhuhai Solvay Spe Chem Co
Transfer Control
Server Group

Create Cost Estimate

Flow Step Authorization Parameter Execute Log Status Materials Er Still Open

Selection K&P
Struct. Explosion K&P
Costing K&P
Analysis K&P
Marking K&P
Release K&P

Background Processing Job Parameters

Job name
Server Group

Date/time AfterJob After event With oper. mode Workday/time

Planned Start
No Start After
☒ Start Immediately
☐ Restriction Date/Time

☐ Change print param.

Check Confirm

STEP 1

The cycle continues by the determination of quantities. Click on

the icon  of column **Parameter** on the line **Struct explosion**.

Edit Costing Run

☐ With Reference

Costing Run 65770715 Description Costing August 2015 ZMAT ZVER 6577 Zhuhai
Costing Run Date 31.07.2015

Costing data Dates Valuation

Costing Variant 2FO PC Costing Variant RCS
Costing Version 1 Version w/o Customizing
Controlling Area 2026 Rhoda Asia Pacific
Company Code 6577 Zhuhai Solvay Spe Chem Co
Transfer Control
Server Group

Create Cost Estimate

Flow Step Authorization Parameter Execute Log Status Materials Er Still Open

Selection K&P
Struct. Explosion K&P
Costing K&P
Analysis K&P
Marking K&P
Release K&P

STEP 2

A new screen appears

- Uncheck **Background processing** and save

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A message appears : "values of variant xxxx saved"

- Go back by clicking

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Costing Run: BOM Explosion - Change Parameters

Variant Attributes 

Processing Opts

☐ Background Processing 

☐ Print Log

STEP 3

1. Click on  in the column **Execute** / line **Struct explosion**
2. Check Start Immediately
3. Click on

? Unknown Attachment

Edit Costing Run

☐ With Reference 

Costing Run 65770715 Description Costing August 2015 ZMAT ZVER 6577 Zhuhai

Costing Run Date 31.07.2015

Costing data Dates Valuation

Costing Variant ZFO PC Costing Variant RCS

Costing Version 1 Version w/o Customizing

Controlling Area 2026 Rhodia Asia Pacific

Company Code 6577 Zhuhai Solvay Spe Chem Co

Transfer Control

Server Group

Create Cost Estimate

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Er	Still Open
Selection	KCP	KCP				381	0	
Struct. Explosion	KCP	KCP				381	0	
Costing	KCP	KCP						
Analysis	KCP	KCP						
Marking	KCP	KCP						
Release	KCP	KCP						

Background Processing: Job Parameters

Job name 65770715_20150731_CROLLITER_EXPLO

Server Group

Planned Start

No Start After

☒ Start Immediately

☐ Restriction Date/Time

☐ Change print param.

Check 

STEP 4

Click on

? Unknown Attachment

until the job is finished: the icon

? Unknown Attachment

appears in the column log with a status



? Unknown Attachment

or



Edit Costing Run

☐ With Reference 

Costing Run 65770715 Description Costing August 2015 ZMAT ZVER 6577 Zhuhai

Costing Run Date 31.07.2015

Costing data Dates Valuation

Costing Variant ZFO PC Costing Variant RCS

Costing Version 1 Version w/o Customizing

Controlling Area 2026 Rhodia Asia Pacific

Company Code 6577 Zhuhai Solvay Spe Chem Co

Transfer Control

Server Group

Create Cost Estimate

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Er	Still Open
Selection	KCP	KCP				381	0	
Struct. Explosion	KCP	KCP				381	0	
Costing	KCP	KCP						
Analysis	KCP	KCP						
Marking	KCP	KCP						
Release	KCP	KCP						

STEP 1

The cycle continues by the costing.
Click on the icon of column **Parameter**
on the line **Costing**.

Edit Costing Run

☐ With Reference

Costing Run: 65770715 Description: Costing August 2015 ZMAT ZVER 6577 Zhuhai

Costing Run Date: 31.07.2015

Costing data Dates Valuation

Costing Variant: ZFO PC Costing Variant RCS

Costing Version: 1 Version w/o Customizing

Controlling Area: 2026 Rhoda Asia Pacific

Company Code: 6577 Zhuhai Solvay Spe Chem Co

Transfer Control:

Server Group:

Create Cost Estimate

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Er	Still Open
Selection	ICR		↓	↓	↓	381	0	
Struct. Explosion	ICR		↓	↓	↓	381	0	
Costing	ICR		↓	↓	↓			
Analysis	ICR		↓	↓	↓			
Marking	ICR		↓	↓	↓			
Release	ICR		↓	↓	↓			

STEP 2

A new screen appears

- Uncheck **Background processing** and save

? Unknown Attachment

A message appears : "values of variant xxxx saved"

- Go back by clicking

? Unknown Attachment

Costing Run: Cost Estimate - Change Parameters

Variant Attributes

☐ Cost Ests with Errors Only

☐ Log by Costing Level

Costing Levels

Parallel Processing

☐ Parallel Processing

Maximum No. of Servers/Modes

Processing Opts

☐ Background Processing

☐ Print Log

STEP 3

- Click on  in the column **Execute** / line **Costing**
- Check **Start Immediately**
- Click on

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Edit Costing Run

☐ With Reference

Costing Run: 65770715 Description: Costing August 2015 ZMAT ZVER 6577 Zhuhai

Costing Run Date: 31.07.2015

Costing data Dates Valuation

Costing Variant: ZFO PC Costing Variant RCS

Costing Version: 1 Version w/o Customizing

Controlling Area: 2026 Rhoda Asia Pacific

Company Code: 6577 Zhuhai Solvay Spe Chem Co

Transfer Control:

Server Group:

Create Cost Estimate

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Er	Still Open
Selection	ICR		↓	↓	↓	381	0	
Struct. Explosion	ICR		↓	↓	↓	381	0	
Costing	ICR		↓	↓	↓			
Analysis	ICR		↓	↓	↓			
Marking	ICR		↓	↓	↓			
Release	ICR		↓	↓	↓			

EP Background Processing: Job Parameters

Job name: 65770715_20150731_CROLLITER_COSTIT

Server Group:

Planned Start: No Start After

☒ Start Immediately

☐ Restriction Date/Time

☐ Change print param.

Check

STEP 4

- Click on

? Unknown Attachment

until the job is finished: the icon

? Unknown Attachment

appears in the column log

with a status 

? Unknown Attachment



or

Edit Costing Run

☐ With Reference

Costing Run: 65770715 Description: Costing August 2015 ZMAT ZVER 6577 Zhuhai
Costing Run Date: 31.07.2015

Costing data Dates Valuation

Costing Variant: ZFO PC Costing Variant: RCS
Costing Version: 1 Version w/o Customizing
Controlling Area: 2026 Rhoda Asia Pacific
Company Code: 6577 Zhuhai Solvay Spe Chem Co
Transfer Control:
Server Group:

Create Cost Estimate

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Er	Still Open
Selection		KCP	↓	AT	✓	381	0	
Struct. Explosion		KCP	↓	AT	✓	381	0	
Costing		KCP	↓	AT	✓	381	0	0
Analysis		KCP						
Marking		KCP						
Release		KCP						

STEP 1

The cycle continues with the analysis of the calculation:

Click on the icon of column **Parameter** / line **Analysis**

Edit Costing Run

☐ With Reference

Costing Run: 65770715 Description: Costing August 2015 ZMAT ZVER 6577 Zhuhai
Costing Run Date: 31.07.2015

Costing data Dates Valuation

Costing Variant: ZFO PC Costing Variant: RCS
Costing Version: 1 Version w/o Customizing
Controlling Area: 2026 Rhoda Asia Pacific
Company Code: 6577 Zhuhai Solvay Spe Chem Co
Transfer Control:
Server Group:

Create Cost Estimate

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Er	Still Open
Selection		KCP	↓	AT	✓	381	0	
Struct. Explosion		KCP	↓	AT	✓	381	0	
Costing		KCP	↓	AT	✓	381	0	0
Analysis		KCP						
Marking		KCP						
Release		KCP						

STEP 2

A new screen appears

Select your variant according to your company.

- Select the variant "ZEPREVAL" for example.

Edit Costing Run

☐ With Reference

Costing Run: 65770715 Description: Costing August 2015 ZMAT ZVER 6577 Zhuhai
Costing Run Date: 31.07.2015

Costing data Dates Valuation

Costing Variant: ZFO PC Costing Variant: RCS
Costing Version: 1 Version w/o Customizing
Controlling Area: 2026 Rhoda Asia Pacific
Company Code: 6577 Zhuhai Solvay Spe Chem Co
Transfer Control:
Server Group:

Create Cost Estimate

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Er	Still Open
Selection		KCP	↓	AT	✓	381	0	
Struct. Explosion		KCP	↓	AT	✓	381	0	
Costing		KCP	↓	AT	✓	381	0	0
Analysis		KCP						
Marking		KCP						
Release		KCP						

Choose Reference for Selection Parameter

Variant name	Short Description
Z025	
Z026	Panoli costing run
Z028	Mustang costing run
Z028-7424	ALL DC and tollers
Z028-7424P	ALL Production plants
Z028-7651	Messsauga
ZEPREVAL	
ZUS2	Perstorp costing run
ZVE1	ZVE1
ZZ1	

STEP 3

A new screen appears

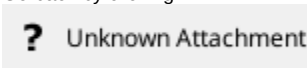
- Enter the currency = 1 (currency of the company)
- Layout: **SAP03** (It has to be created previously by the user)

Save

? Unknown Attachment

A message appears : "values of variant xxxx saved"

- Go back by clicking



Costing Run: Analysis - Change Parameters

Variant Attributes

Selection

Costing Run: 65770715
Costing Date: 31.07.2015
☒ Intersection of Runs 1 and 2

Plant: to
Material Number: to
Selection Range: 1

Exceptions

Comparison Value: 2 Anticipated Revaluation
☒ Display Positive and Negative Variances

Output

Material Master Price: 1 Standard price
Currency: 1 1
☒ Display Header
Layout: SAP03 2
Cost Component View: 1 Cost of goods manufactured

Base

☒ Costing Lot Size
☐ Price Unit in Material Master

STEP 4

Click on in the column **Execute / line Analysis**

Edit Costing Run

☐ With Reference

Costing Run: 65770715 Description: Costing August 2015 ZMAT ZVER 6577 Zhuhai
Costing Run Date: 31.07.2015

Costing data Dates Valuation

Costing Variant: ZFO PC Costing Variant RCS
Costing Version: 1 Version w/o Customizing
Controlling Area: 2026 Rhodia Asia Pacific
Company Code: 6577 Zhuhai Solvay Spe Chem Co
Transfer Control:
Server Group:

Create Cost Estimate

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Er	Still Open
Selection		KCR				381	0	
Struct. Explosion		KCR				381	0	
Costing		KCR				381	0	0
Analysis		KCR						
Marking		KCR						
Release		KCR						

STEP 5

The report is displayed with the list of material codes & plants

- $A = F / D$ = Variation in %
- $B = C \times F$ = Anticipated revaluation
- C = Total stock (quantity)
- D = Standard costing M
- E = Standard costing M+1
- $F = E - D$ = Costing variation

Analyze/Compare Material Cost Estimates

Costing Run: 65770715 31.07.2015
Currency: CNY Chinese Renminbi
Base: Values Based On Costing Lot Size
Cost Component View: 1 (Cost of goods manufactured)

Material	Material Description	Plant	Lot Size	Price Unit	Unit	Var. co.	F. Anticip.	Total Stock	Val. Mgmts	Costing Re	Var. costn.
18830	HYDROCHLORIC ACID 36% OIL BULK	8091	1,000	1,000	TO			6,342	1,452,999.84	1,453,000.	0.79
30605	RHODAFAC RE-610 PUT PLASTIQUE 200 KG	8091	1,000	1,000	KG	A	B	0	16,994.66	16,994.15	-0.31
30609	RHODAFAC RA-600 PLASTIC DRUM 200 KG	8091	1,000	1,000	KG			0	16,994.66	16,994.15	-0.31
31139	RHODASURF RC-610 METAL DRUM 200KG	8091	1,000	1,000	KG			0	16,994.66	16,994.15	-0.31
32267	RHODASURF CE719 180 KG DRUM	8091	1,000	1,000	KG			1,440	18,580.48	18,580.48	
38990	GEOPON HV 15 METAL DRUM 200 KG	8091	1,000	1,000	KG			0	13,689.61	13,689.61	
41289	ABEX 2515 BULK	8091	26,454	1,000	LB			0	106,589.51	106,589.5	
41295	ABEX 2535 BULK	8091	26,454	1,000	LB			0	92,844.28	92,844.22	-0.06
53303	RHODAFAC CO 436 BULK	8091	15,432	1,000	LB			12,874.864	62,697.28	62,697.26	-0.02
57254	LAURIC CONDENSATE BLK	8091	1,000	1,000	LB			73,036.193	10,092.96	10,092.96	
58306	SODIUM METABISULFITE 25/50KG BG	8091	1,000	1,000	KG			1,813	5,982.91	5,982.91	
58209	SULFARIC ACID 20KG BG	8091	1,000	1,000	KG			2,550	5,153.27	5,153.27	
61084	PROPYLENE OXIDE BG	8091	1,000	1,000	KG			294.600	34,525.73	34,525.73	
61479	2-ETHYL HEXANOL 171KG DR	8091	1,000	1,000	KG			1,020	10,576.61	10,576.61	

The report must be saved in excel by

clicking on

STEP 6

Check **Spreadsheet**

Analyze/Compare Material Cost Estimates

Save list in file...

In which format should the list be saved ?

☐ Unconverted
☒ Spreadsheet
☐ Rich text format
☐ HTML Format
☐ In the clipboard
☐ In Google Drive

Enter the folder & the file name and

Generate

