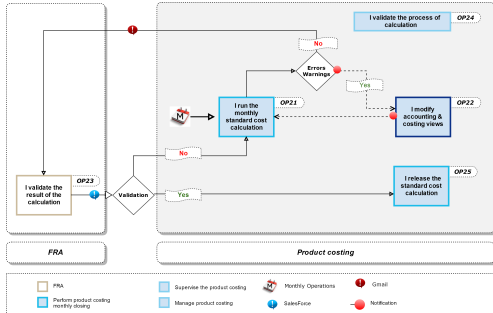


I validate the result of the calculation

Process: **Product Costing**

Responsibility area: Monitor the consistency of the monthly cost calculation

The analysis must be performed by the FRA every month between D-5 and D-1 12pm



Scope

WW

WP2

PF2

Frequency

Monthly

References

- [OP.023](#)

- [OP.023](#)

Attachments

Guideline

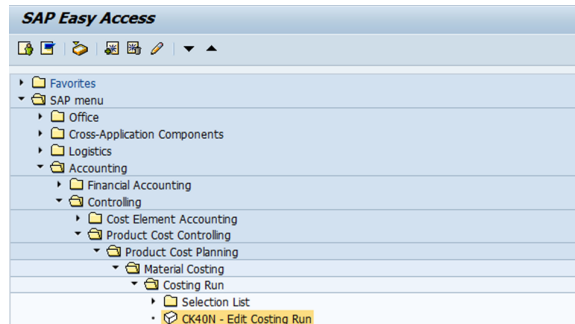
I am informed that the CK40N was run and I can perform the analysis

STEP 1

Start the transaction using the menu path or transaction code **CK40N**

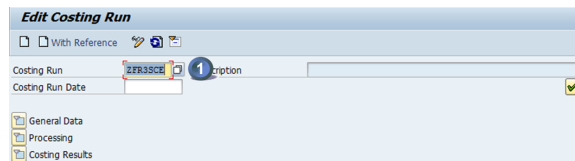
Double-click

CK40N - Edit Costing Run



STEP 2

1. enter the costing run of the month and **Enter**



STEP 3

1. **Expand**

Edit Costing Run

Costing Run	RHOP1004	Description	CCR RHODIA OPERATION AVRIL 2010
Costing Run Date	31.03.2010		

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Errs	Still Op...
Selection					▲	7438	0	
Struct. Explosion					▲	7438	0	
Costing					▲	7438	0	0
Analysis					▲	7438	0	0
Marking					▲	7438	0	0
Release					▲	7438	0	0

STEP 4




i All error messages must be cleared

When there is a warning message, it often happens that there is a mistake in the costing. So even if it is not compulsory, it is recommended to check the warning messages and try to correct it.

Note: Sometimes, despite not having any error, some materials remain in column "Still Open". This is related with a technical issue linked to the mixed-costing materials. In order to correct the display table it's necessary to execute transaction CKSU.

STEP 1


WP1 + PF1

When there are error  or warning  messages, you must click on  to analyse and clear them

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Errs	Still Open
Selection					●	1726	26	
Struct. Explosion					▲	1726	26	
Costing					▲	1700	0	0
Analysis					▲			
Marking					▲			
Release					▲			

STEP 2

WP1 + PF1




Click on  to have the list of messages

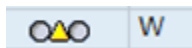
Costing Run: Selection - Log													
Message log created on	[26.12.2011]												
<table border="1"> <thead> <tr> <th colspan="2">Number of Messages Collected</th> </tr> </thead> <tbody> <tr> <td>Information Messages</td> <td>1</td> </tr> <tr> <td>Warning Messages</td> <td>72</td> </tr> <tr> <td>Error Messages</td> <td>26</td> </tr> <tr> <td>Termination Messages</td> <td>0</td> </tr> <tr> <td>Total</td> <td>99</td> </tr> </tbody> </table>		Number of Messages Collected		Information Messages	1	Warning Messages	72	Error Messages	26	Termination Messages	0	Total	99
Number of Messages Collected													
Information Messages	1												
Warning Messages	72												
Error Messages	26												
Termination Messages	0												
Total	99												


STEP 3

WP1 + PF1

1 - Type of message

   Error messages, must be cleared

 Warning messages, must be analysed and cleared as much as possible

 Information messages

- 2 - Message code
- 3 - Plant code
- 4 - Material code
- 5 - Message description

Costing Run: Selection - Log

Log created on 26.12.2011

Excep...	M...	M...	Plant	Material	Σ	A...	Message Text
	W	128	7811	32787	1	CK	Material 32787 in plant 7811 has no accounting data
	W			77069	1	CK	Material 77069 in plant 7811 has no accounting data
	W			115117	1	CK	Material 115117 in plant 7811 has no accounting data
	W		7818	49739	1	CK	Material 49739 in plant 7818 has no accounting data
	W		7819	110142	1	CK	Material 110142 in plant 7819 has no accounting data
	I	172	7787	1615996	1	CK	Material 1615996 in plant 7787: No cost est. exists -> ra...
	E	310	7714	68858	1	CK	Material 68858 is marked for deletion
	E			19398	1	CK	Material 19398 is marked for deletion
	E			40928	1	CK	Material 40928 is marked for deletion
	E			50775	1	CK	Material 50775 is marked for deletion
	E			66785	1	CK	Material 66785 is marked for deletion
	E			101132	1	CK	Material 101132 is marked for deletion
	E			101628	1	CK	Material 101628 is marked for deletion
	E		7779	66785	1	CK	Material 66785 is marked for deletion

STEP 4

WP1 + PF1

You can double-click on a message to have a more detailed description of the issue

Performance Assistant

Material 68858 is marked for deletion

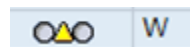
Message no. CK310

Diagnosis

Material 68858 was flagged for deletion internally. To delete this deletion flag, you have to change the indicator in the material master record.
[Change material master record](#)



- CK060 - Object was not costed
- CK249 - Cost component split for material not saved
- CK310 - Material is marked for deletion
- CK380 - No valid source of supply could be found
- CK468 - No price could be determined for subcontracting
- CK023 - No control record for Activity type CHEF/X332900700/ZZANO2 in version 000 / 2017 activity planning/qty planning
- CK354 - Material XXXX in plant YYY has material status Z4 : Material deleted
- CK430 - Missing formula in work center xxxxx
- CK862 - Material XXX in plant XXX does not contain any segment for in-house production



- CK053 - Deletion indicator set in material - plant
- CK054 - Deletion indicator set in material - valuation area
- CK080 - Material plant : BOM not active

- CK082 - Material plant: no suitable BOM found
- CK128 - Material in plant has no accounting data.
- CK382 - Material does not exist in withdrawal plant
- CK858 - No suitable or valid production version

Workflow history

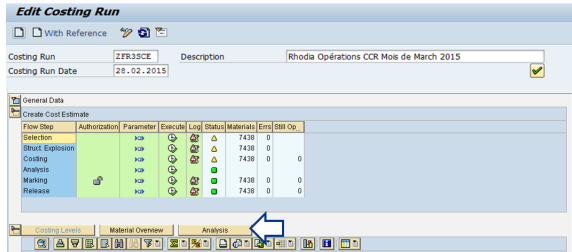
This view shows the 5 most recent entries. The complete workflow log is available from the 'Document Activity' menu item.

Dec 01, 2022	Actor	Type	Activity	Version
Published	ROLLIER, Charlotte	Edit	updated the page at 4:42 pm	
	ROLLIER, Charlotte	State	changed state to Published at 3:59 pm	v11
Draft	ROLLIER, Charlotte	State	gave <i>Approvers</i> approval at 3:59 pm	
		State	changed state to Draft at 3:58 pm	v10
Published	ROLLIER, Charlotte	State	changed state to Published at 3:42 pm	v9
Draft	ROLLIER, Charlotte	State	gave <i>Approvers</i> approval at 3:42 pm	
		State	changed state to Draft at 3:42 pm	v9

STEP 5

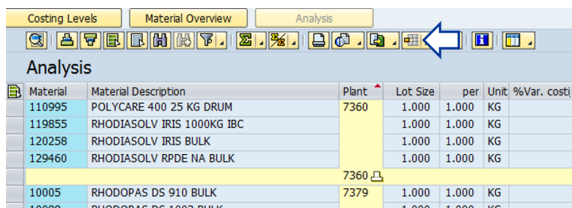
When errors are corrected and warning messages checked, costing analysis can begin. Click on

Analysis



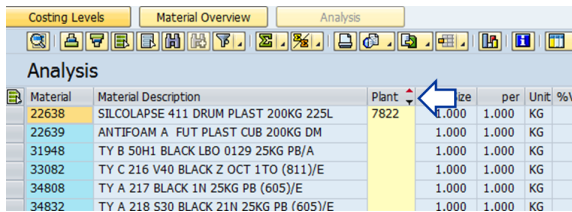
STEP 6

Select the variant. In this example, we are using the variant /IAC0102



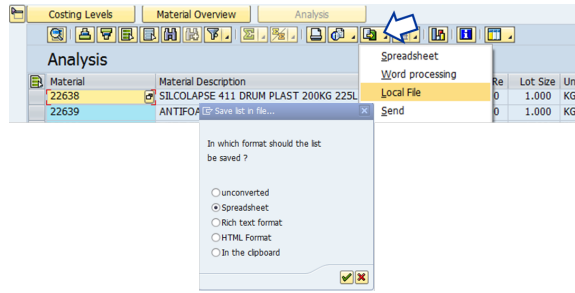
STEP 7

Filter the plant you are responsible for



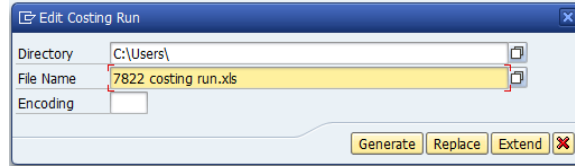
STEP 8

Save in excel : local file => spreadsheet



STEP 9

Enter the directory & the file name and generate the file



STEP 10

i All variances above a defined threshold must be commented. The threshold is defined by the FRA :

- Unit cost variance %
- Inventory revaluation value.

If the threshold is above +/- 10% at unit cost level or +/- 50 k€ at item inventory revaluation level should be authorized by RCOM.

Open the file

lf:

- the unit variation is > 10% (or local threshold)
- or Anticipated reval is > 50 kEUR (or local threshold),

a deeper analysis is requested



Material	Material description	Plant	Lot Size	per	BUin	%Var costing/Mt	Anticip reval	TotalStock	Val MatMs	Costing Re	Var costing/Mt
60444	TY A 250F NOIR 2 IN 25KG SP (805)E	7822	1000	1000	KG	18.23	0	1 990.48	2 353.40	362.92	
60447	TY A 250F NOIR 2 IN 3X3X3	7822	1000	1000	KG	-0.99	0	1 941.18	1 922.04	-19.14	
60541	MM 848 C RIVET SAC 25 KG	7822	1000	1000	KG	-2.83	-36.34	167	7 685.66	7 468.01	-217.65
60701	TY A 250F NATUREL 25KG SP (805)E	7822	1000	1000	KG	-0.97	-128.05	6 800	2 029.13	2 009.43	-19.7
60808	MM 864 C CANULE SAC 25 KG	7822	1000	1000	KG	-3.54	-76.13	428.2	5 019.53	4 841.73	-177.8
61076	TY SX 11 BL NATUREL 25KG SP (805)E	7822	1000	1000	KG	0	0	2 360.00	2 360.00	0	
61078	TY SX 16 BL NATUREL OCT 170 CPH (811)E	7822	1000	1000	KG	0	0	2 608.26	2 608.26	0	
61118	CAPROLACTAME 60% VRAC	7822	1000	1000	KG	0	0	14 993.20	756.75	756.75	
61415	MM 839 C CALICHE SAC 25 KG	7822	1000	1000	KG	-33.65	0	5 157.50	3 422.12	-1 735.38	
64158	MM 839 C PRISON SAC 25 KG	7822	1000	1000	KG	10.76	31.69	61	4 826.89	5 346.46	519.57
64235	BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	7822	1000	1000	KG	21.66	704.26	488.73	6 642.91	6 083.94	-558.97
64248	OX YDE ZINC QUALITE NEIGE 365G 25KG SAC	7822	1000	1000	KG	112.41	159.31	65.624	2 159.92	4 587.65	2 427.73

Validate the main variances in % & in value

In this example, the costing of the following materials 60444, 64151, 64158, 64235, 64248 have to be checked and validated

as the variance is above 10% or/and the revaluation above 50 k€

Material	Material description	Plant	Lot Size	per	BUin	%Var costing/Mt	Anticip reval	TotalStock	Val MatMs	Costing Re	Var costing/Mt
60444	TY A 250F NOIR 2 IN 25KG SP (805)E	7822	1000	1000	KG	18.23	> 10 %	0	1 990.48	2 353.40	362.92
60447	TY A 250F NOIR 2 IN 3X3X3	7822	1000	1000	KG	-0.99		0	1 941.18	1 922.04	-19.14
60541	MM 848 C RIVET SAC 25 KG	7822	1000	1000	KG	-2.83	-36.34	167	7 685.66	7 468.01	-217.65
60701	TY A 250F NATUREL 25KG SP (805)E	7822	1000	1000	KG	-0.97	-128.05	6 800	2 029.13	2 009.43	-19.7
60808	MM 864 C CANULE SAC 25 KG	7822	1000	1000	KG	-3.54	-76.13	428.2	5 019.53	4 841.73	-177.8
61076	TY SX 11 BL NATUREL 25KG SP (805)E	7822	1000	1000	KG	0	0	2 360.00	2 360.00	0	
61078	TY SX 16 BL NATUREL OCT 170 CPH (811)E	7822	1000	1000	KG	0	0	2 608.26	2 608.26	0	
61118	CAPROLACTAME 60% VRAC	7822	1000	1000	KG	0	0	14 993.20	756.75	756.75	
61415	MM 839 C CALICHE SAC 25 KG	7822	1000	1000	KG	-33.65	> 10 %	0	5 157.50	3 422.12	-1 735.38
64158	MM 839 C PRISON SAC 25 KG	7822	1000	1000	KG	10.76		61	4 826.89	5 346.46	519.57
64235	BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	7822	1000	1000	KG	21.66		488.73	6 642.91	6 083.94	-558.97
64248	OX YDE ZINC QUALITE NEIGE 365G 25KG SAC	7822	1000	1000	KG	112.41		65.624	2 159.92	4 587.65	2 427.73

STEP 1

Ex : 64235 BASE DE NIGROSINE /SOLVANT NOIR 7 FUT

The MAP increased from 6 643 € to 8 083 €

- We have to validate the MAP (Moving Average Price) by checking purchase orders of the month.

- It can also help to check the purchase variance of this material (KE30) to define where does the increase come from.

MAP end M-1	MAP end M
6 643 €	8 083 €



STEP 2

Display purchase orders with the transaction **ME2M**

Enter

- the material code & the plant
- the period

Purchasing Documents for Material

STEP 3

There is one purchase order to check.

=> Double-click on it

PO	Type	Vendor	Name	PGP	Order Date
Item	Material		Short Text		Mat. Group
D I A	Plnt	Sloc	Order Qty	Un	Net Price Curr. per Un
4501142	FR59	53552	IMCD FRANCE SAS	FKK	17.03.2010
0001	64235		BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	0451	
	7822	FR59	80 KG	16,55 EUR	1 KG
			Still to be delivered	0 KG	0,00 EUR 0,00 %
			Still to be invoiced	0 KG	0,00 EUR 0,00 %
00020	64235		BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	0451	
	7822	FR59	20 KG	16,55 EUR	1 KG
			Still to be delivered	0 KG	0,00 EUR 0,00 %
			Still to be invoiced	0 KG	0,00 EUR 0,00 %

In march, the purchase price is 16,55 € / KG

It corresponds to the price invoiced

= 1 324 € / 80 kg

= 16,55 € / kg

At the end of M-1, the MAP was 6,64 € / kg. As the purchase price of M is 16,55 € / kg, it is normal that the MAP increases in M.



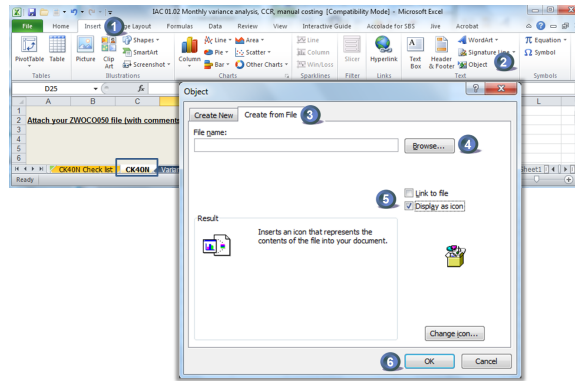
If there is a mistake in the calculation of the new MAP due to an error in the purchase order, invoice price etc:

- Ask to correct the purchase order,
- If the MAP is still not correct => use the field Commercial 1 in view accounting 2 to correct it manually,
- Prepare a documentation for control IAC 01.02

STEP 11

When the analysis is completed, insert the file with your comments in the file IAC 01.02 of the month (sheet "CK40N").

1. Select "insert"
2. Click on "Object"
3. Select "Create from File"
4. Click on "Browse" and select the file
5. Check "Display as icon"
6. Click on OK



I request corrective actions when necessary
I validate the result of the calculation by **D-1 12pm**