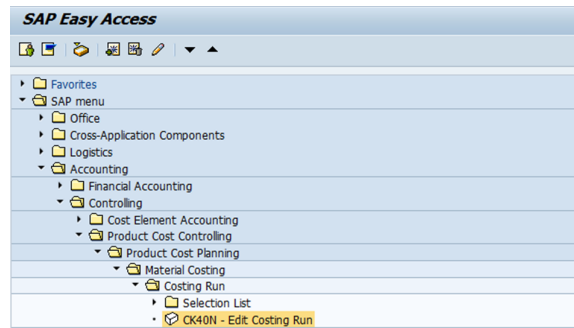
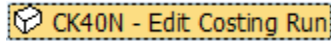


CK40N - Costing run analysis

STEP 1

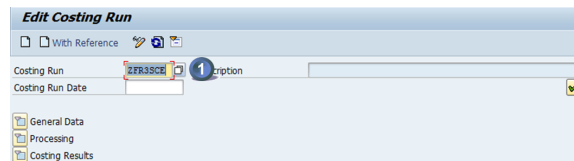
Start the transaction using the menu path or transaction code CK40N

Double-click



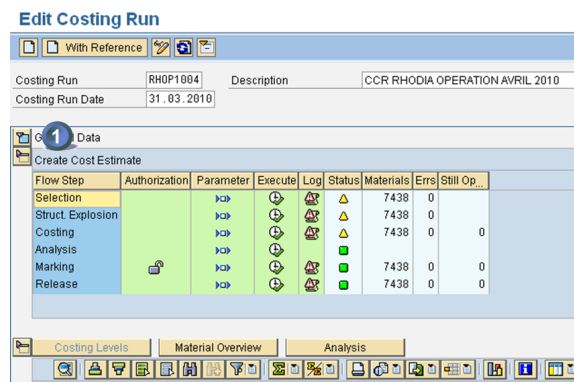
STEP 2

1. enter the costing run of the month and 



STEP 3

- ## 1. Expand



STEP 4



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

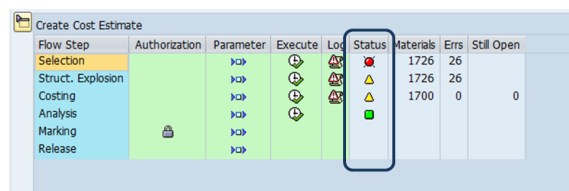
When there are error or warning



messages, you must click on



to analyse and clear them



STEP 2

WP1 + PF1



Click on  to have the list of messages

Costing Run: Selection - Log

Message log created on 26.12.2011

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

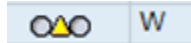
CK468 - No price could be determined for subcontracting

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.

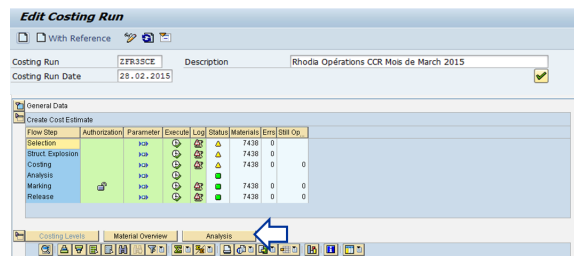
CK382 - Material does not exist in withdrawal plant

CK858 - No suitable or valid production version

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

Costing Levels			Material Overview			Analysis		
Material	Material Description	Plant	Lot Size	per Unit	%Var. cost			
110995	POLYCAR 400 25 KG DRUM	7360	1.000	1.000	KG			
119855	RHODIASOLV IRIS 1000KG IBC		1.000	1.000	KG			
120258	RHODIASOLV IRIS BULK		1.000	1.000	KG			
129460	RHODIASOLV RPDE NA BULK		1.000	1.000	KG			
		7360						
10005	RHODOPAS DS 910 BULK	7379	1.000	1.000	KG			
10000	RHODOPAS DS 1000 BULK		1.000	1.000	KG			

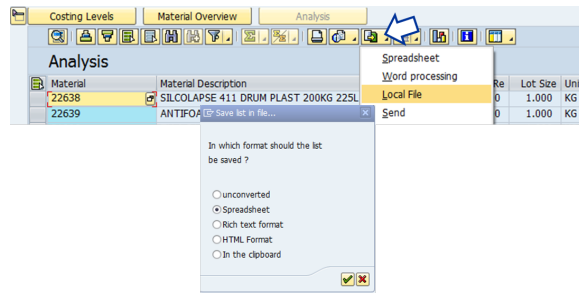
STEP 7

Filter the plant you are responsible for

Costing Levels			Material Overview			Analysis		
Material	Material Description	Plant	Lot Size	per Unit	%Var. cost			
22638	SILCOLAPSE 411 DRUM PLAST 200KG 22SL	7822	1.000	1.000	KG			
22639	ANTIFOAM A FUT PLAST CUB 200KG DM		1.000	1.000	KG			
31948	TY B 50H1 BLACK LBO 0129 25KG PB/A		1.000	1.000	KG			
33082	TY C 216 V40 BLACK Z OCT 1 TO (811)/E		1.000	1.000	KG			
34808	TY A 217 BLACK 1N 25KG PB (605)/E		1.000	1.000	KG			
34832	TY A 218 S30 BLACK 21N 25KG PB (605)/E		1.000	1.000	KG			

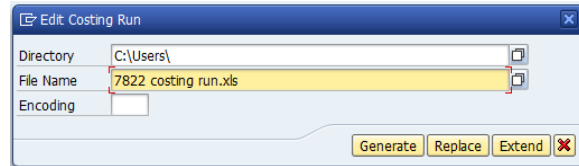
STEP 8

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.

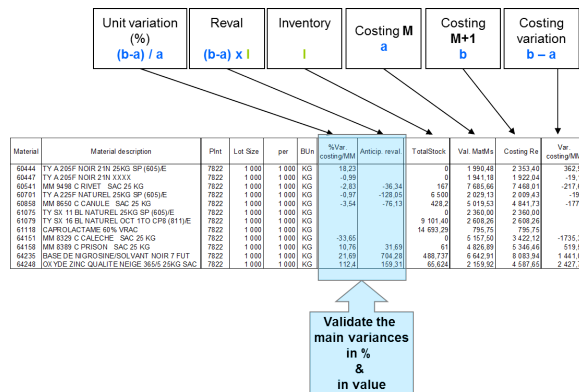
If the threshold is above +/- 10% at unit cost level or +/- 50 k€ at item inventory revaluation level should be authorized by RCOM.

Open the file

If:

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

a deeper analysis is requested



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	Pmt	Lot Size	per	BU	%Var costing/MTM	Anticip. reval	TotalStock	Val. MatMts	Costing Re	Var. costing/MTM
60444	TY A 206F NOIR 21N 25KG SP (805)E	7822	1 000	1 000	KG	18.21		0	1 990.48	2 353.40	362.92
60447	TY A 206F NOIR 21N XXXX	7822	1 000	1 000	KG	-0.99		0	1 941.18	1 922.04	-19.14
60541	MM 8458 C RIVET SAC 25 KG	7822	1 000	1 000	KG	-2.83	-36.34	167	7 685.66	7 488.01	-217.65
60701	TY A 225F NATUREL 25KG SP (805)E	7822	1 000	1 000	KG	-4.97	-128.05	6 500	2 029.13	2 009.43	-19.7
60858	MM 8650 C CANULE SAC 25 KG	7822	1 000	1 000	KG	-3.54	-76.13	428.2	5 019.53	4 841.73	-177.8
61075	TY SX 11 BL NATUREL 25KG SP (805)E	7822	1 000	1 000	KG			9 101.40	2 608.26	2 608.26	
61079	TY SX 16 BL NATUREL OCT 110 CP8 (811)E	7822	1 000	1 000	KG			14 993.29	795.75	795.75	
64151	MM 8328 C CALECHE SAC 25 KG	7822	1 000	1 000	KG	-32.63		0	5 157.50	3 422.12	-1735.38
64158	MM 8398 C PRISON SAC 25 KG	7822	1 000	1 000	KG	10.76	31.69	61	4 826.89	5 346.46	519.57
64235	BASE DE NIGROSINE/SOLVANT NOIR 7 FUT	7822	1 000	1 000	KG	21.08	786.29	488.737	6 642.91	8 933.34	1 441.03
64248	OXYDE ZINC QUALITE NEIGE 385/5 25KG SAC	7822	1 000	1 000	KG	112.4	109.31	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 €



+ 1 441 €
+ 21,69 %

STEP 2

Display purchase orders with the transaction **ME2M**

Enter

1. the material code & the plant
2. the period

Purchasing Documents for Material

Material 64235 to
 Plant 7822 to
 Purchasing organization to
 Scope of list BEST to
 Selection parameters to
 Document type to
 Purchasing group to
 Item category to
 Account assignment category to
 Delivery date 01.03.2010 to 31.03.2010

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
4501142662	WB	53552	IMCD FRANCE SAS	FKK	17.03.2010
00010	64235		BASE DE NIGROSINE/SOLVANT NOIR 7 FUI	0451	
7822	FR59		80 KG	16,55	EUR 1 KG
			Still to be delivered	0	0,00 EUR 0,00 %
			Still to be invoiced	0	0,00 EUR 0,00 %
00020	64235		BASE DE NIGROSINE/SOLVANT NOIR 7 FUI	0451	
7822	FR59		20 KG	16,55	EUR 1 KG
			Still to be delivered	0	0,00 EUR 0,00 %
			Still to be invoiced	0	0,00 EUR 0,00 %

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

Standard PO 4501142662 Created by Chan-Moly OEUR

Document Overview On ☐ Print Preview Messages ☐ Personal Setting

Standard PO 4501142662 Vendor 53552 IMCD FRANCE SAS Doc. date 17.03.2010

Item	Material	Short Text	PO Quantity	Order Date	Net Price	Current Price	Mat. Group	Plant
10	64235	BASE DE NIGROSINE/SO...	80 KG	17.03.2010	16,55 EUR	1	KG	CHEM PROD_ZFR
20	64235	BASE DE NIGROSINE/SO...	20 KG	17.03.2010	16,55 EUR	1	KG	CHEM PROD_ZFR

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.

Item [10] 64235, BASE DE NIGROSINE/SOLVANT										
Material Data		Quantities/Weights		Delivery Schedule		Delivery		Invoice		Conditions
Purchase Order History		T								
										
Sh. Text	Mvt	Posting Date	Material Document	Item	Entry Date	Quantity	Time of Entry	Reference	Amount	Crcy
GR		101 22.03.2010	5087814821	1	22.03.2010	80	13:30:44	111558	1 324,00	EUR
Tr./Ev. Goods receipt									1 324,00	EUR
IR-L		25.03.2010	5106826979	1	25.03.2010	80	10:24:22	111558	1 324,00	EUR
Tr./Ev. Invoice receipt									1 324,00	EUR



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

