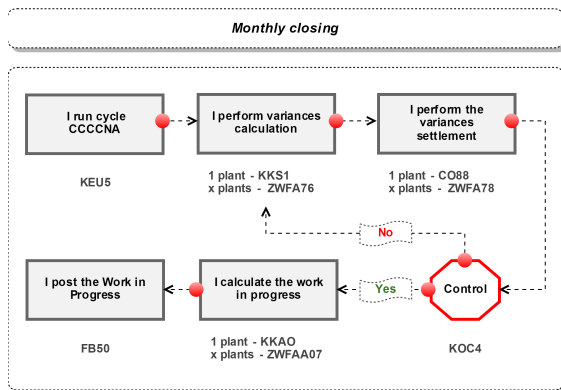


I settle Process Orders (PP orders)

Process: Monthly costing and cost accounting closing

Responsibility area: Perform Costing Monthly Closing

- For **calculation of variances and posting**, don't forget that you have to run always the transactions in processing mode (**ZWFA76**, **KKS1**, **KKS2**, **ZWFA78**, **CO88** and **KO88**). If you ran it before in test mode, you will have to run it again in processing mode.
- For **WIP** (**ZWFAA07**, **KKAO** and **KKAX**) you have to run the transaction only in test mode, NOT in processing mode.
- For the **check of the process orders balance** (**KOC4**), it is preferable to launch it in background in order not to reduce the SAP performance for the other SAP users.
- The **error messages** that can appear when running each step can be checked in the spool log. Each one has a specific treatment, but only the ones generating inconsistencies require analysis. If necessary, Regional Cost Accounting FiO will provide additional support to reach a solution.



Scope



WW

WP2

Frequency



References

- [OP.008](#)
- [OP.008](#)

Attachments

N/A

xx << I settle Process Orders (PP orders) >> xx

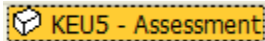
Guideline

Before start processing the process orders costs you have to run cycle **CCCCNA** in real mode in order to settle the "process order variances statistics" from cost center CCCC-9201 (In some cases there are cost centers that start with PPPP-9201 for historical reasons). At this stage only small amounts should be on cost center (rounding amounts). In case of high amounts in the balance should be analysed the reason before doing the settlement. For threshold please consider 3K€.

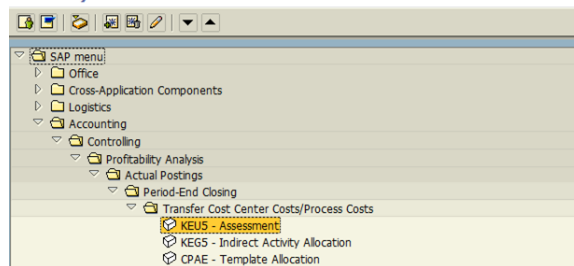
STEP 1

Start the transaction using the menu path or transaction code **KEU5**

Double-click



SAP Easy Access



Execute Actual Assessment: Initial Screen

STEP 2

On the Execute Actual Assessment screen, make the following entries:

	Field name	User action and values	Comment
0	Controlling Area (dialog box)	Enter controlling area	Only needed if dialog box displays.
1	Periods	Enter one number in each field, for example, from 1 to 1	Jan =1, Dec=12
2	Year	Current year	
3	Test run		Use test run until the run is error-free
4	Detailed lists	x	
5	Cycle	Enter the cycle code => the Start Date comes when you click Enter	You can execute several cycles in one execution

STEP 3

Execute

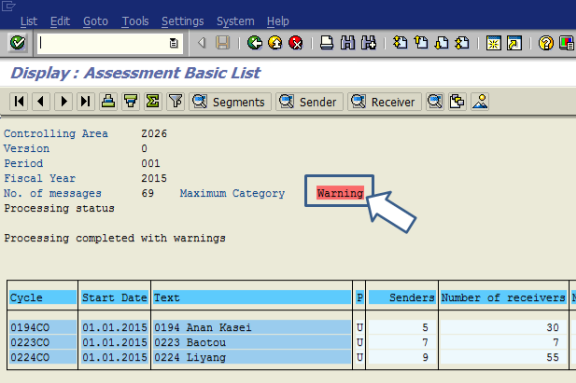


It is compulsory to clear Error messages before saving the cycle

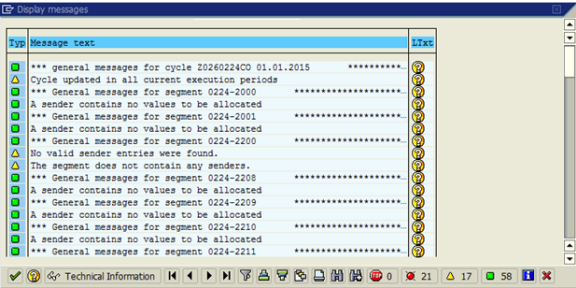
Cycle	Start Date	Text	Senders	Number of receivers	No.
6062-A	01.01.2015	6062 Sales & CNP	8		9
6062-B	01.01.2015	6062 Funct & FAC	63		66
6062-C	01.01.2015	6062 R&I / ACAR / PSROP	20		20

 Inform the person in charge of cycles maintenance if there are errors messages and wait until there are solved before starting the next step

Click **Warning** or **Errors** to display messages



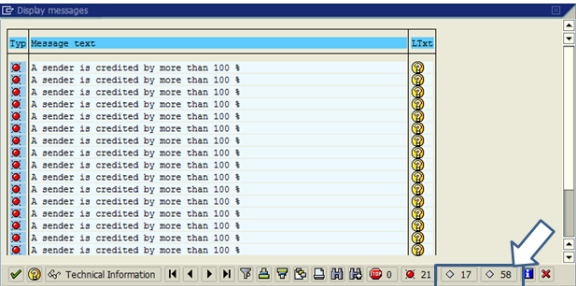
 Messages are displayed



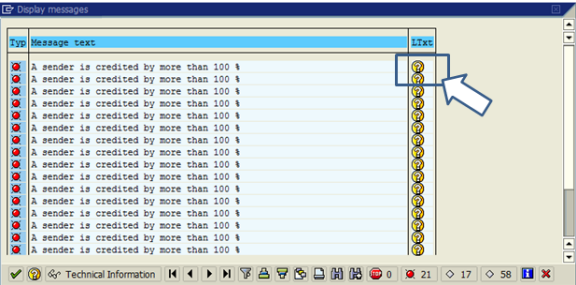
You can click:

: hide information

and/or  : warning messages



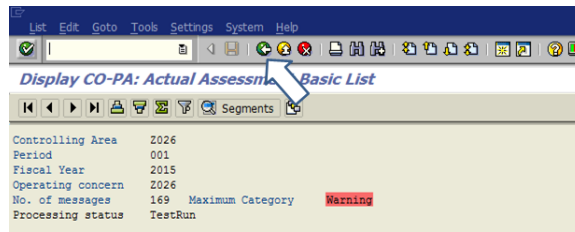
and then click  to get more detail regarding the error message



- GA717 - No receiver tracing factors defined
- GA721 - A sender is credited by more than 100 %

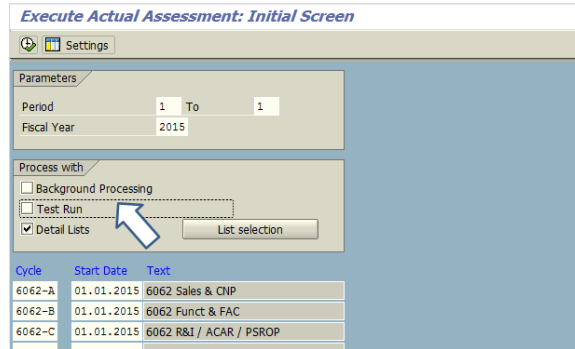
STEP 4

Go back to the initial screen by clicking 

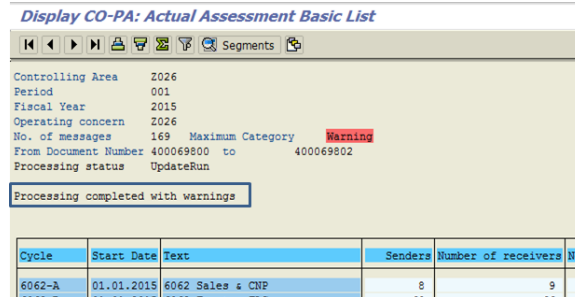


STEP 5

Untick the field "Test run" and execute 



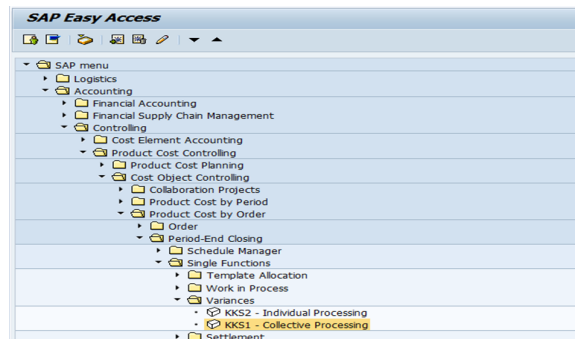
The process is completed without error



STEP 1

Start the transaction using the menu path or transaction code

 **KKS1 - Collective Processing**



Variance Calculation: Initial Screen

Variance Calculation: Initial Screen

Plant All Plants in Controlling Area

☒ With Production Orders
☐ W/Product Cost Collectors
☒ With Process Orders

Parameters

Period 8
Fiscal Year 2015

☐ All target cost vsns 000,001,003
☒ Selected Target Cost Vsns 000

Processing options

☐ Background Processing
☒ Test Run
☐ Detail list

STEP 2

1. Enter the plant code
2. Untick "with Production Orders"
3. Do not tick "W/Product Cost Collectors"
4. Select "With Process Orders"
5. Enter the period to close and the fiscal year
6. Select "Background Processing"
7. Untick "Test Run"
8. Tick "Detail list"

Execute



Variance Calculation: Initial Screen

Plant 7852 All Plants in Controlling Area

☐ With Production Orders
☐ W/Product Cost Collectors
☒ With Process Orders

Parameters

Period 8
Fiscal Year 2015

☐ All target cost vsns 000,001,003
☒ Selected Target Cost Vsns 000

Processing options

☒ Background Processing
☐ Test Run
☒ Detail list

STEP 3

If requested enter the controlling area

and



Variance Calculation: Initial Screen

Plant 7852 All Plants in Controlling Area

☐ With Production Orders
☐ W/Product Cost Collectors
☒ With Process Orders

Parameters

Period 8
Fiscal Year 2015

☐ All target cost vsns 000,001,003
☒ Selected Target Cost Vsns 000

Processing options

☒ Background Processing
☐ Test Run
☒ Detail list

Set Controlling Area

Controlling Area 2006

STEP 4

1. Tick on « Print detail list »
2. Select the layout « /RCS-CO »

Variance Calculation: Initial Screen

Plant: 7852 All Plants in Controlling Area

☐ With Production Orders

☐ Background Processing: Initialization

☒ Print detail list

Currency type: Company code currency

Layout: /RCS-CO

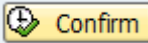
Processing options

☒ Background Processing

☐ Test Run

☒ Detail list

STEP 5

- Use the default job name and the default server group
- Tick on « Start immediately »
- Click on 

Variance Calculation: Initial Screen

Background Processing: Job Parameters

Job name: VARIANCES_0082015_CROILLIER

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.

☒ Detail list

☒ Check 

STEP 6

- Enter an output device
- Validate the printing parameters
- and enter 

Variance Calculation: Initial Screen

Background Print Parameters

Output Device: [] Imprimante locale du poste de travail ...

Windows printer: \\camvps01\PC22-CL

Number of copies: 1

Number of pages

☒ Print all

☐ Print from page: 0 To: 0

Title: Variance Calculation: &

Time of print: Print immediately

☒ Properties  

Processing options

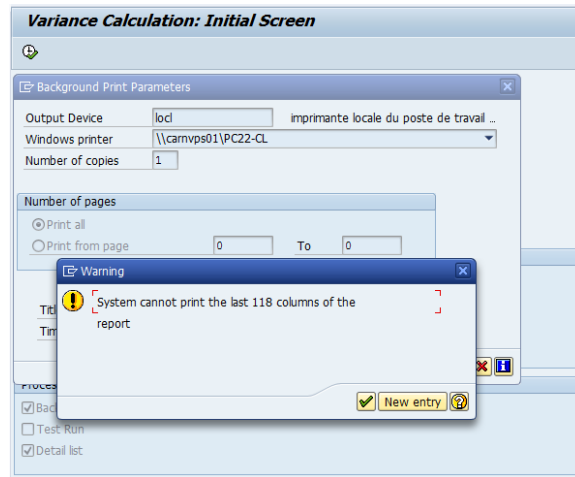
☒ Background Processing

☐ Test Run

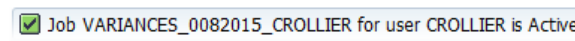
☒ Detail list

You can skip the warning message by

clicking on 

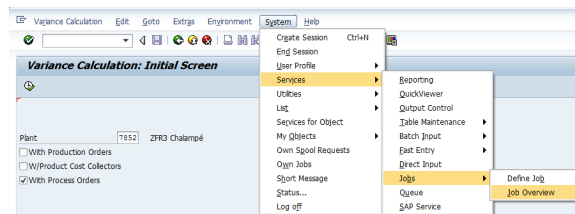


A message informs that the Job is active



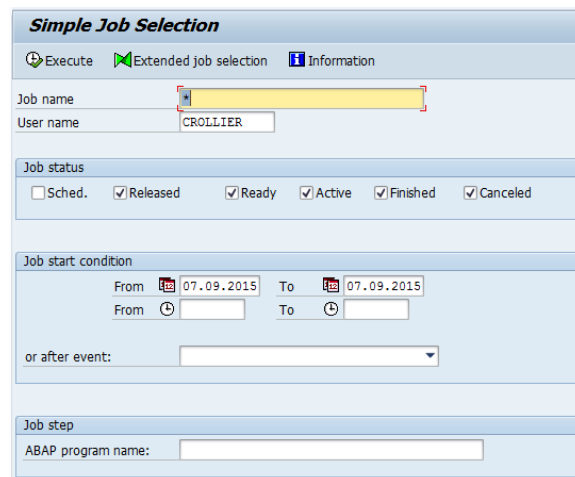
STEP 7

Open the job overview



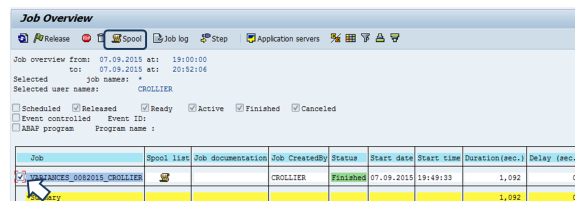
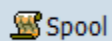
STEP 8

Execute  with your user name



STEP 9

Once the job has the status finished, you can display the spool by selecting the job and clicking on



STEP 10

 Spool

Select the spool and click on

The variance calculation report is displayed. Analysis is sorted by material, by plant and by order

Start the transaction ZWFA76

Variances: Manufacturing
Orders and Product Cost
Collectors: Initial Screen

You can look for an existing variant by

clicking on

Select the variant and

Enter the period

Execute

If you don't have the variant you can make the selection :

Step List Overview

🔍 Pool All Pool Lists 📊 ⏪ ⏩ ⏴ ⏵

No.	Program name/command	Prog. type	Pool list	Parameters	User	Lang.
1	RKKKS000	ABAP	73528	*0000000001620	CROLLIER	EN

Output Controller: List of Spool Requests



	no.	Type	Date	Time	Status	Pages	Title
☒	72741		08.09.2015	02:07	-	31	Variance Calculation: ...

Variance Calculation		Fiscal Year		No. of measures		10372		
Version	0	Target Costs for Total Variance	0	25	25	25	25	
Period	0	Target Costs for Total Variance	0	25	25	25	25	
Currency type	0	code	code	code	code	code	code	
Material	Plant	Cost Object	Target Costs	Actual Costs	Alloc Actrl	WIP	Variance	Actual Co
0000000000000000000111	7852	0001542739	0.00	0.00	0.00	0.00	0.00	0.00
0000000000000000000111	7852	0001212890	30,804.85	26,543.31	26,543.31	0.00	4,261.45	233.60
0000000000000000000111	7852	0001212899	66,245.05	66,245.05	66,245.05	0.00	0.00	499.61
0000000000000000000111	7852	0001232137	28,751.78	29,789.83	28,751.77	0.00	4,961.94	201.43
0000000000000000000111	7852	0001232139	71,057.14	71,057.14	71,057.14	0.00	0.00	499.61
0000000000000000000111	7852	0001232146	22,477.56	22,477.56	22,477.56	0.00	0.00	140.20
0000000000000000000111	7852	0001242170	3,139.49	31,393.49	37,914.41	0.00	6,520.92	249.50
0000000000000000000111	7852	0001242174	4.14	4.13	22,824.13	1.13	0.00	62.07
0000000000000000000111	7852	0001242175	19,782.12	19,782.12	19,782.12	0.00	0.00	159.67
0000000000000000000111	7852	0001242181	9,418.95	9,245.69	9,418.96	0.00	1,153.27	65.95
0000000000000000000111	7852	0001242182	5,583.56	6,423.63	5,583.56	0.00	762.93	39.70
0000000000000000000111	7852	0001242183	99.86	99.86	99.86	0.00	0.00	7.09
0000000000000000000111	7852	0001280024	1.54	1.54	1.54	0.00	0.00	0.10
0000000000000000000111	7852	0001500024	4.43	4.43	4.43	0.00	0.00	0.30
0000000000000000000111	7852	0001500027	44,660.56	44,660.56	44,660.56	0.00	0.00	289.20
0000000000000000000111	7852	0001500030	105,179.97	105,179.97	105,179.97	0.00	0.00	724.82
0000000000000000000111	7852	0001549448	36,148.33	30,428.81	36,148.33	0.00	5,719.52	230.12
0000000000000000000111	7852	0001549449	37,303.22	37,303.22	37,303.22	0.00	0.00	271.21
0000000000000000000111	7852	0001588350	28,285.88	16,356.05	28,285.89	0.00	11,929.84	176.20
0000000000000000000111	7852	00020351	21,314.95	21,314.95	21,314.95	0.00	0.00	152.25
0000000000000000000111	7852	00020824	4.65	4.64	4.64	0.00	0.00	0.08

Variances: Manufacturing Orders and Product Cost Collectors

Plant: 

Parameters

Period: 

Fiscal Year: 

☐ All target cost versions 000,001,003

☒ Selected target cost vns 000  [Select target cost vns](#)

Processing options

☒ Test Run

☐ Parallel processing

☐ Detail list

Variances: Manufacturing Orders and Product Cost Collectors

Plant: 2551

Order Type: EP ABAP: Variant Directory of Program R00KS1190

Order Variant catalog for program R00KS1190

Variant name Short Description Environment Protected Changed by Last changed on

SCMA_7405_KKS1	7405: PP order variances calc.	A			
SCMA_7424_KKS1	SCMA_7424_KKS1	A		BR007713	15.12.2014
SCMA_7523_KKS1	SCMA_7523_KKS1	A		BR005197	27.08.2015
SCMA_7525_KKS1	KKS1	A		TH03234	28.04.2015
SCMA_7797_KKS1	7797: PP order variances calc.	A			
SCMA_7811_KKS1	7811: PP order variances calc.	A		FYPANG	21.03.2014
SCMA_8090_KKS1	8090: PP order variances calc.	A			
SCMA_8485_KKS1	8485: PP order variances calc.	A		RSEVILLA	05.02.2014
SCMA_2762_KKS1	2762: PP order variances calc.	A		PT300090	01.10.2014
SCMA_2769_KKS1	SCMA_2769_KKS1	A		BR004229	30.06.2014
SCMA_ZVE1_KKS1	SCMA_ZVE1_KKS1	A			
VAR OP S					
2010-Z054	Variances calculation	A		MKONDABA	29.09.2014
2025-7991		A			
Z026-7154	Variances calculation	A			
Z028-7424	Variances calculation	A		BR007713	25.07.2014
Z028-7424-Z015	Variances calculation -TS	A			
Z028-7651	Variances calculation	A		PESTELLE	02.03.2010

1. Click on
2. Enter the list of plants
3. Select "With Process Orders"
4. Enter the period to close and the fiscal year
5. Untick "Test Run"
6. Tick "Parallel processing"
7. Tick "Detail list"
8. Click on

List parameters

- Tick "Print detail list"
- Enter the layout /RCS-CO



Execute

Variances: Manufacturing Orders and Product Cost Collectors

Plant: 7851
Order Type:
Order:
☐ With Production Orders
☒ With Process Orders
☐ With Product Cost Collectors

Parameters
Period: 6
Fiscal Year: 2015
☐ All target cost versions
☒ Selected target cost vns

Processing options
☐ Test Run
☒ Parallel processing
With server group: RFRCRS
☒ Detail list

Multiple Selection for Plant
Select Single Values (2)
0_Sin...
7851
0007

Background Processing: Initialization
☒ Print detail list
Currency type: Company code currency
Layout: /RCS-CO

List parameters

Background Processing

You can execute this transaction in background pressing F9 and you will get the job spool through [S](#) [MX](#)

STEP 3

You are informed that tasks are running

SAP

Objects processed so far: 8,800
Run time (total no. of tasks): 00:01:46
Runtime (real time): 00:00:45

Task	RFC destination	Status	Number	Runtime	Run time in subtask
1	wv1sapr3_WV1_00	Task is running	1,000	00:00:45	00:00:43
2	wv1sapr3_WV1_00	Task is running	1,000	00:00:30	00:00:30
3	wv1sapr3_WV1_00	Task is running	800	00:00:31	00:00:30

STEP 4

The variance calculation report is displayed

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

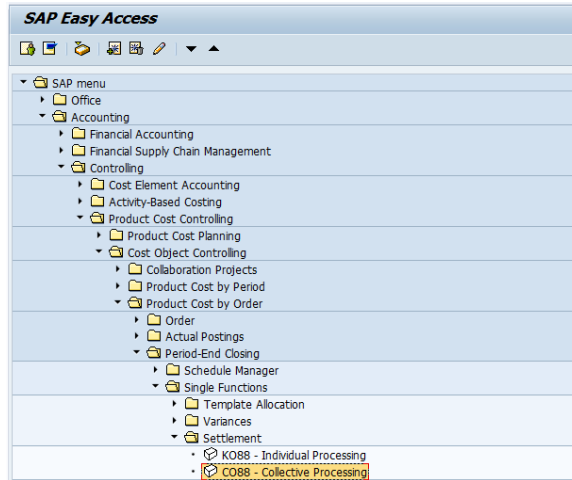
Period: 8 Fiscal year: 2015 Messages: 31,596 Currency: EUR
Version: Target Costs for Total Variances (0) Company code currency

Plant	Cost Object	Material	Target Costs	Actual Costs	Variance
		000000000000010519	0.00	9,065.96	322.15
		000000000000010566	0.00	22,307.30	92.29
		000000000000010567	0.00	0.00	0.00
		000000000000010571	0.00	0.00	0.00
		000000000000011830	0.00	4,303,909.1	499,965.26
		000000000000011518	0.00	5,885.24	3.38
		000000000000016177	0.00	0.00	0.00
		000000000000016181	0.00	0.00	0.00
		000000000000017023	0.00	44,755.74	127.70
		000000000000017024	0.00	3,492.86	67.96
		000000000000017032	0.00	0.00	0.00
		000000000000017036	0.00	0.00	0.00
		000000000000021117	0.00	0.00	0.00
		000000000000023128	0.00	22,070.57	401.44
		000000000000023335	0.00	0.00	0.00
		000000000000023474	0.00	31,723.72	173.19
		000000000000024274	0.00	0.00	0.00
		000000000000024504	0.00	137,203.33	13,447.84
		000000000000024572	0.00	15,249.72	223.54
		000000000000025255	0.00	0.00	0.00
		000000000000025449	0.00	51,190.55	421.29
		000000000000036011	0.00	5,708.74	272.99

STEP 1

Start the transaction using the menu path or transaction code

CO88 - Collective Processing



i Actual Settlement:
Production/Process Orders:
Initial screen

Actual Settlement: Production/Process Orders

Plant: ZFR3 Chalmép

☒ With Production Orders
☒ With Process Orders
☒ With Product Cost Collectors
☒ With QM Orders

☐ With Orders for Projects/Networks
☐ With Orders for Cost Objects

Parameters

Settlement period: 8 Posting period: 8
Fiscal Year: 2015
Processing type: Automatic

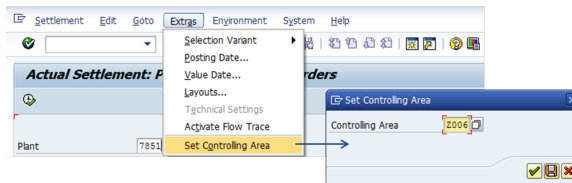
Processing Options

☐ Background Processing
☒ Test Run
☒ Detail List
☒ Check trans. data

[Layouts](#)

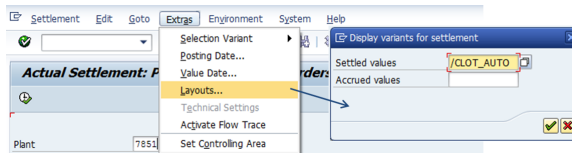
STEP 2

Set the controlling area



STEP 3

Define the layout for the result : /CLOT_AUTO



STEP 4

1. Enter the plant code
2. Select with "Process Orders"
3. Parameters
 - Enter the period to close and the fiscal year
 - Select the processing type "Automatic"

4. Tick "Background Processing"
5. Untick "Test Run"
6. Tick "Detail list"
7. Tick "Check trans. data"

Execute 

Actual Settlement: Production/Process Orders

Plant: 7852 ZFR3 Chalmépé **1**

☐ With Production Orders
☒ With Process Orders **2**
☐ With Product Cost Collectors
☐ With QM Orders

☐ With Orders for Projects/Networks
☐ With Orders for Cost Objects

Parameters

Settlement period: 8 **3** Posting period: 8

Fiscal Year: 2015

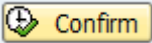
Processing type: Automatic

Processing Options

☒ Background Processing **4**
☐ Test Run **5**
☒ Detail List **6**
☒ Check trans. data **7**

Layouts

STEP 5

- Tick "Start immediately"
- Confirm 

Background Processing: Job Parameters

Job name: SET_ORD

Server Group:

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

Planned Start: [] [] [] [] [] []

No Start-After: [] [] [] [] [] []

☒ Start Immediately
☐ Resumption Date/Time

☒ Change print param.

Check Confirm

STEP 6

- Enter an output device
- Validate the printing parameters 

Background Print Parameters

Output Device: loc imprimante locale du poste de travail ...

Windows printer: \\camvps01\PC22-CL

Number of copies: 1

Number of pages

☒ Print all
☐ Print from page: 0 To: 0

Title: Actual Settlement: Production/Process Orders

Time of print: Print immediately

Properties

A message informs that the Job is ready

 Job SET_ORD for user CROLLIER is Ready

STEP 7

Display the result

Settlement Edit Goto Extras Environment **System** Help

Create Session
 End Session
 User Profile
 Services
 Utilities
 List
 Services for Object
 My Objects
 Own Spool Requests
 Open Jobs
 Short Message
 Status...
 Log off

Reporting
 QuickViewer
 Output Control
 Table Maintenance
 Batch Input
 Exit Entry
 Direct Input
 Jobs
 Queue
 SAP Service

Define Job Job Overview

Actual Settlement: Production/Process Orders

Plant: 7852 ZFR3 Chalmépé

☒ With Production Orders
☒ With Process Orders
☒ With Product Cost Collectors
☒ With QM Orders

☐ With Orders for Projects/Networks

STEP 8

Execute with your username

Simple Job Selection

Execute
 Extended job selection
 Information

Job name:

User name:

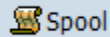
Job status
☐ Sched.
 ☒ Released
 ☒ Ready
 ☒ Active
 ☒ Finished
 ☒ Canceled

Job start condition
 From: To:
 From: To:
 or after event:

Job step
 ABAP program name:

STEP 9

Once the job has the status finished, you can display the spool by selecting the job and clicking on



Job Overview

Release
 Spool
 Job log
 Step
 Application servers

Job overview from: 08.09.2015 at: 13:00:44
 to: 08.09.2015 at: 19:13:56
 Selected job names: *
 Selected user names: CROLLIER

☐ Scheduled
 ☒ Released
 ☒ Ready
 ☒ Active
 ☒ Finished
 ☒ Canceled
☐ Event controlled Event ID:
☐ ABAP program Program name:

Job	Spool list	Job documentation	Job CreatedBy	Status	Start date	Start time	Duration(sec.)	Delay (sec.)
SP1_0RD			CROLLIER	Finished	08.09.2015	13:11:52	647	0
MA1_Ary							647	0

STEP 10

Select the spool and click on



Output Controller: List of Spool Requests

Spool no.	Type	Date	Time	Status	Pages	Title or name of spool request
73603		08.09.2015	19:22	-	6	Actual Settlement: Production/Process Orders

STEP 11

The result displayed the sender, the receiver and the posted amount

Note: the settlement will only be done for orders with the status DLV (Delivered) or TECO (Technically completed). Orders without these status are considered WIP (Work in Process)

Detail list - Settled values

Sender	Short text: Sender	Receiver	ValCOArCur	Inform.
ORD 2618729	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAT 7852/74337	13,142.69	
ORD 2618729	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	PSG 0007932372	13,142.69	Variances
ORD 2619481	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAT 7852/74337	13,142.69	
ORD 2619481	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	PSG 0007932352	13,142.69	Variances
ORD 2619613	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAT 7852/74337	13,142.69	
ORD 2619613	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	PSG 0007932340	13,142.69	Variances
ORD 2619626	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAT 7852/74337	13,142.69	
ORD 2619626	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	PSG 0007932328	13,142.69	Variances
ORD 2621823	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAT 7852/74337	13,142.69	
ORD 2621823	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	PSG 0007931714	13,142.69	Variances
ORD 2621928	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAT 7852/74337	13,142.69	
ORD 2621928	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	PSG 0007931696	13,142.69	Variances
ORD 2621933	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAT 7852/74337	13,142.69	
ORD 2621933	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	PSG 0007931675	13,142.69	Variances
ORD 2621938	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAT 7852/74337	13,142.69	
ORD 2621938	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	PSG 0007931660	13,142.69	Variances
ORD 2623129	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAT 7852/74337	13,142.69	
ORD 2623129	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	PSG 0007931642	13,142.69	Variances

STEP 1

Start the transaction ZWFA78



Variances: Manufacturing Orders and Product Cost Collectors: Initial Screen

Settlement: Production Orders and Product Cost Collectors

Plant

Parameters

Settlement period: 6
Settlement year: 2015
Processing type: 1 Automatic

Execution type

☒ Settlement
☐ Reverse settlement

Processing options

☒ Test Run
☐ Parallel processing
☐ Check transaction data

Output options

☐ With list

Optional parameters

Posting period: 6
Posting Date:
Value date:

Technical settings

STEP 2

You can look for an existing variant by

clicking on

Select the variant and

Check the settlement period & posting period

Execute

Settlement: Production Orders and Product Cost Collectors

Plant

Parameters

Settlement period: 6
Settlement year: 2015
Processing type: 1 Automatic

Execution type

☒ Settlement
☐ Reverse settlement

Processing options

☒ Test Run
☐ Parallel processing
☐ Check transaction data

Output options

☐ With list

Optional parameters

Posting period: 6
Posting Date:
Value date:

Technical settings

ED: ABAP: Variant Directory of Program RK07CO88

Variant name	Short Description	Environment; Protected	Changed by	Last changed on
SCMA_7811_STPP	7811: PP order settlement	A	FYPANG	21.03.2014
SCMA_8090_STPP	8090: PP order settlement	A	PT300090	01.10.2014
SCMA_8485_STPP	SCMA_8485_STPP	A	PT300090	01.10.2014
SCMA_ZFR3_STPP	ZFR3: PP order settlement	A	PT300090	01.10.2014
SCMA_ZFR9_STPP	SCMA_ZFR9_STPP	A	PT300090	01.10.2014
SCMA_ZVE1_PPOR		A	BR004229	30.06.2014
2010-ZU64	ECO Services	A	MKONDABA	29.09.2014
2010-ZU64-2015	ECO Services	A	MKONDABA	29.09.2014
2025-7394		A		
2025-7523		A		
2026-7154	Rhodia Inc	A		
2028-7424	Rhodia Inc	A	PESTELLE	04.01.2011
2028-7424-2015	Rhodia Inc	A		
2028-7651	Rhodia Canada Inc	A	PESTELLE	02.03.2010
ZC088_Z001		A	PHGUENAR	09.03.2011
ZC088_Z006		A	ZLDSIC04	04.04.2013
ZC088_Z010		A	RKONDABA	12.11.2014
ZC088_Z026		A	PHGUENAR	09.03.2011

If you don't have the variant you can make the selection :

1. Click on
2. Enter the list of plants
3. Select "With Process Orders"
4. Enter the period to close and the fiscal year
5. Tick "Settlement"
6. Untick "Test Run"
7. Tick "Parallel processing"
8. Tick "Check transaction data"
9. Tick "With list"
10. Enter the Posting period (=Settlement period)

Execute

Settlement: Production Orders and Product Cost Collectors

Plant

Order Type

Order

☐ With Production Orders
☒ With Process Orders
☐ With Product Cost Collectors
☐ With QM Orders

☐ W/ Project Ords
☐ With Orders for Cost Objects

Parameters

Settlement period: 6
Settlement year: 2015
Processing type: 1 Automatic

Execution type

☒ Settlement
☐ Reverse settlement

Processing options

☐ Test Run
☒ Parallel processing
With server group: RFORCS
☒ Check transaction data

Output options

☒ With list

Optional parameters

Posting period: 6
Posting Date:
Value date:

Technical settings

ED: Multiple Selection for Plant

Select Single Values (2)

0; Sin...
7851
0087



Background Processing

You can execute this transaction in background pressing F9 and you will get the job spool through [S](#) [MX](#)

STEP 3

You are informed that tasks are running

SAP					
Objects processed so far		3,135			
Run time (total no. of tasks)		00:02:22			
Runtime (real time)		00:01:14			
Task	RFC destination	Status	Number	Runtime	Run time in subtask
1	wv1sapr3_WV1_00	Task is running	1	00:00:01	00:00:00
2	wv1sapr3_WV1_00	Task is running	1,647	00:01:13	00:01:08
3	wv1sapr3_WV1_00	Task is running	1,487	00:01:08	00:01:01

STEP 4

The settlement was executed

Settlement: Production Orders and Product Cost Collectors Basic list		
Selection		
Selection Parameters	Value	Name
Plant	7852	ZFR3 Chalampé
With Production Orders	X	
With Product Cost Collectors	X	
With Process Orders	X	
With QM Orders	X	
Period	008	
Posting period	008	
Fiscal Year	2015	
Processing type	1	Automatic
Posting Date	31.08.2015	
Controlling Area	Z006	Rhodia Europe
Processing Options		
Selection Parameters	Value	
Execution type	Settlement executed	
Processing mode	Update run	

If errors occurred in previous steps check the settlement rule and contact local responsible to correct it.

STEP 1

Start the transaction using the menu path or transaction code

KOC4 - Cost Analysis

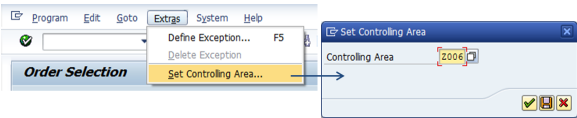
SAP Easy Access	
SAP menu	
Office	
Accounting	
Financial Accounting	
Financial Supply Chain Management	
Controlling	
Cost Element Accounting	
Cost Center Accounting	
Internal Orders	
Master Data	
Year-End Closing	
Information System	
Reports for Internal Orders	
Plan/Actual Comparisons	
Summarization Reports	
More Reports	
S_ALR_87013010 - Orders: Breakdown by Period	
S_ALR_87013019 - List: Budget/Actual/Commitments	
KOC4 - Cost Analysis	

Order Selection: Initial screen

Order Selection	
Plant	to
Material Number	to
Order Type	to
Order	to
External order no.	to
Description	to
Order category	to
Results Analysis Data for Determination of Key Figures	
From Period	1/1900
To Period	9/2015
Valuation View	
Target Cost Version	0
RA Version	0
Default Values for Currency	
Controlling Area Currency	
Company Code Cur./Object Cur.	
Status Selection	
Profile for Orders	
Profile for order headr	
Profile for order item	
Joint Production	
With Joint Production Orders	
Only Joint Production Orders	
No Joint Production Orders	

STEP 2

Set the Controlling Area

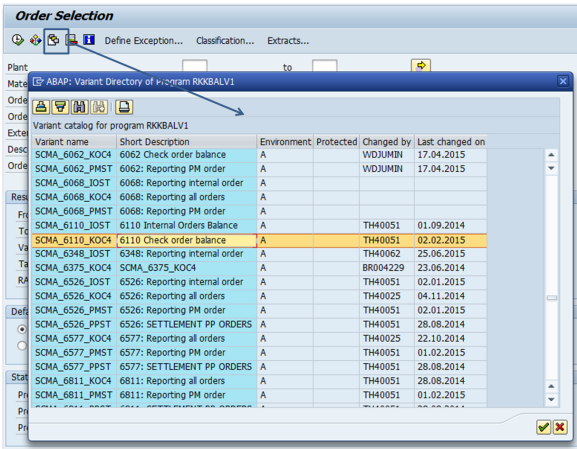


STEP 3

You can look for an existing variant by clicking on

Select the variant and

Enter the period

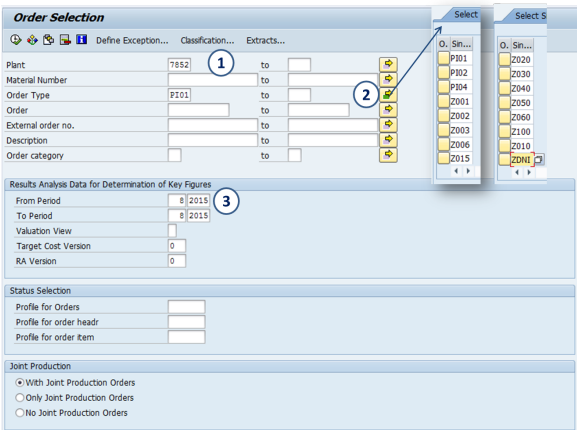


When there is not an existing variant you can make the following selection :

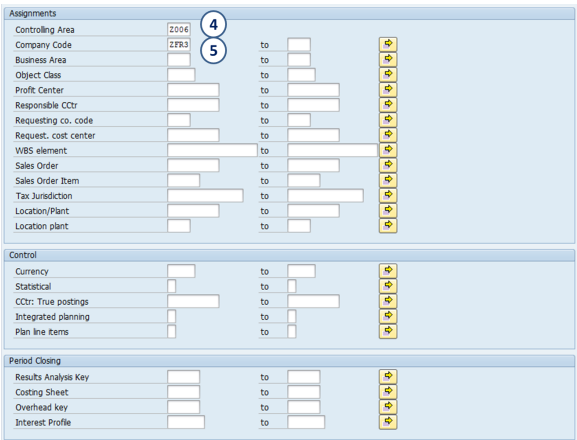
- 1. Enter the plant code
- 2. Enter the list of "order type" using the list below

PI01	Z002	Z015	Z050	ZDNI
PI02	Z003	Z020	Z060	
PI04	Z006	Z030	Z100	
Z001	ZDNI	Z040	Z010	

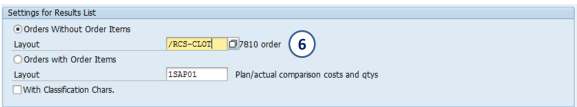
- 3. Enter the period



- 4. Enter the controlling area
- 5. Enter the company code

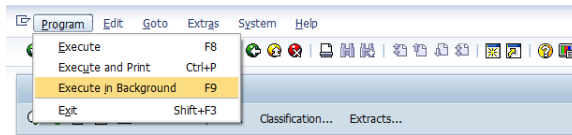


Enter the layout "/RCS-CLOT" to filter on non balanced orders



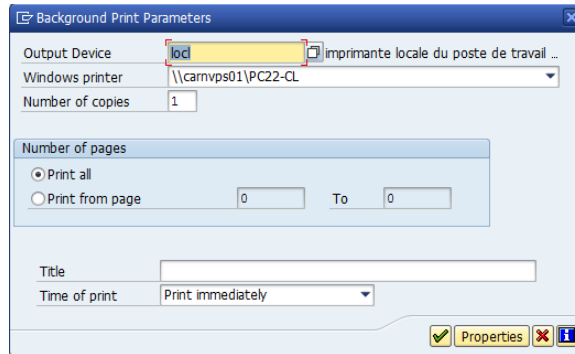
STEP 4

During the closing period, launch processing in background with RFCRCS server group (when the option is available)

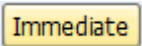


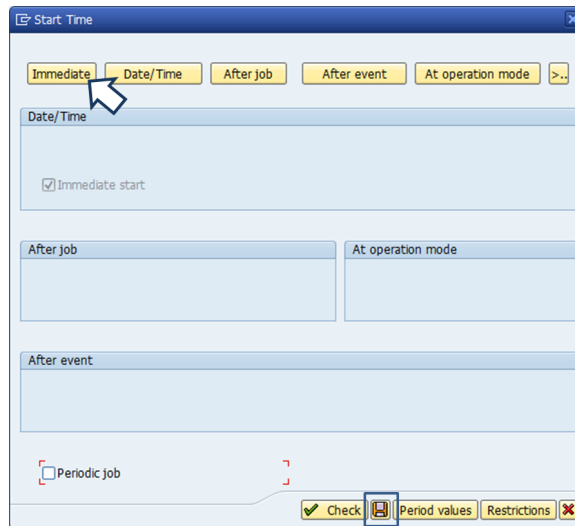
STEP 5

- Enter an output device
- Validate the printing parameters
- and enter 

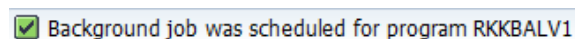


STEP 6

Click on  to launch the processing immediately and save 

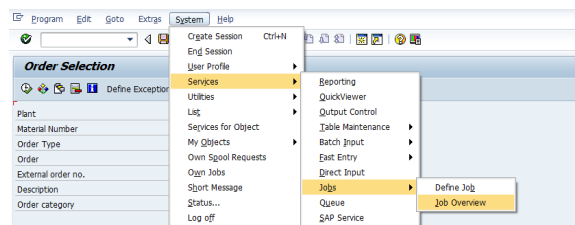


A message informs that the Job is active



STEP 7

Open the job overview



STEP 8

Execute  with your user name

Simple Job Selection

Execute
 Extended job selection
 Information

Job name:

User name:

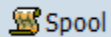
Job status
☐ Sched.
 ☒ Released
 ☒ Ready
 ☒ Active
 ☒ Finished
 ☒ Canceled

Job start condition
 From: To:
 From: To:
 or after event:

Job step
 ABAP program name:

STEP 9

Once the job has the status finished, you can display the spool by selecting the job and clicking on



Job Overview

Release
 Spool
 Job log
 Step
 Application servers

Job overview from: 08.09.2015 at: 15:33:41
 To: 08.09.2015 at: 23:33:53
 Selected job names: *
 Selected user names: CROLLIER

☐ Scheduled
 ☒ Released
 ☒ Ready
 ☒ Active
 ☒ Finished
 ☒ Canceled
☐ Event controlled
 ☐ Event ID:
☐ ABAP program
 ☐ Program name:

Job	Spool list	Job documentation	Job CreatedBy	Status	Start date	Start time	Duration(sec.)	Delay (sec.)
			CROLLIER	Finished	08.09.2015	19:31:29	475	0
							475	0

STEP 10

Select the spool and click on



Output Controller: List of Spool Requests

Spool no.	Type	Date	Time	Status	Pages	Title
73996		09.09.2015	01:39	-	2	LISTIS LOCL RKKBALV1_CRO

STEP 11

This report display all unbalanced process order.

Current Data

Plant	Order	Material Number	Crcy	Actual cost debit	Total act.costs
7852	3383546	61111	EUR	11,989.58	11,989.58
7852	3383547	61111	EUR	1,765.92	1,765.92
7852	3383548	61111	EUR	48,924.00-	48,924.00-
7852	3383549	61111	EUR	1,737.30	1,737.30
* 7852		61111	EUR	33,431.20-	33,431.20-
7852	3383585	72647	EUR	9,709.44-	9,709.44-
7852	3383586	72647	EUR	14,464.68-	14,464.68-
7852	3391561	72647	EUR	55,108.20-	55,108.20-
* 7852		72647	EUR	79,282.32-	79,282.32-
7852	3383535	72765	EUR	116,758.54	116,758.54
7852	3383536	72765	EUR	8,683.11-	8,683.11-
* 7852		72765	EUR	108,075.43	108,075.43
7852	3383528	72766	EUR	249.90-	249.90-
7852	3383529	72766	EUR	280.86-	280.86-
* 7852		72766	EUR	530.76-	530.76-
7852	3383578	72811	EUR	0.20-	0.20-
7852	3383579	72811	EUR	0.14-	0.14-
* 7852		72811	EUR	0.34-	0.34-
7852	3374280	72814	EUR	0.01-	0.01-
* 7852		72814	EUR	0.01-	0.01-
7852	3383571	73712	EUR	5,437.54	5,437.54
7852	3383572	73712	EUR	2,980.89-	2,980.89-
7852	3391562	73712	EUR	98,677.66	98,677.66
* 7852		73712	EUR	101,134.31	101,134.31
7852	3383563	74337	EUR	3,496.35-	3,496.35-
7852	3383564	74337	EUR	3,226.63-	3,226.63-
7852	3383566	74337	EUR	5,783.04-	5,783.04-

We can have sometimes some unbalanced process orders after the settlements due to late postings or materials lately costed. To perform the variance calculation and the settlement to COPA of these orders we have to do it individually using transactions KKS2 (for calculation) and KO88 (for the settlement).

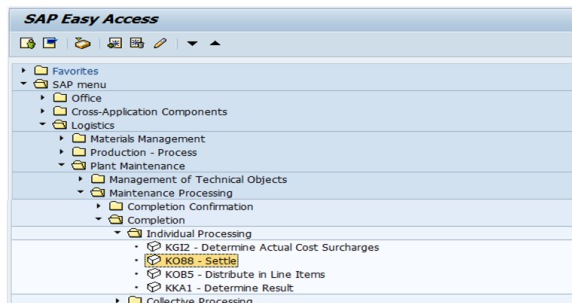
Unable to render {include} The included page could not be found.

KO88 - VARIANCE SETTLEMENT

STEP 1

Start the transaction using the menu path or transaction code

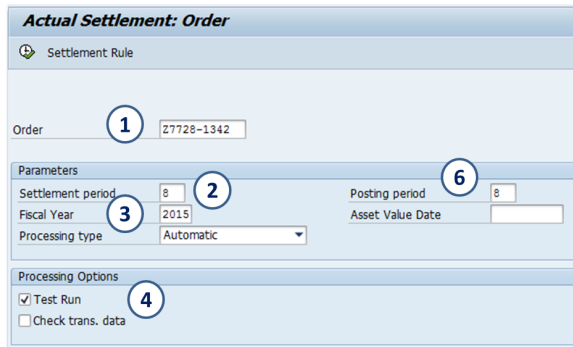
 **KO88 - Settle**



STEP 2

1. Enter the order to be settled
2. Enter the settlement period
3. Enter the fiscal year
4. Select "test run" to preview the settlement without posting

Execute 

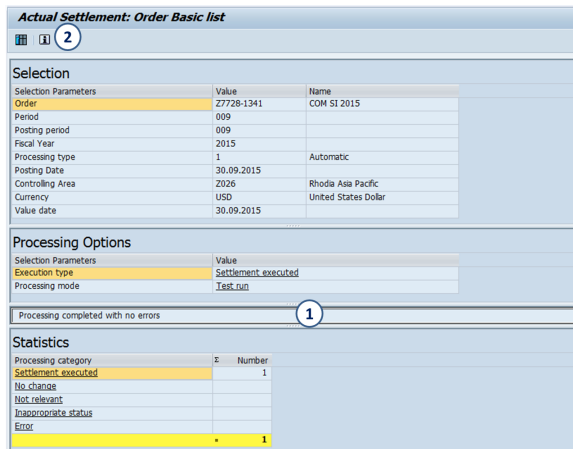


The screenshot shows the 'Actual Settlement: Order' screen. The annotations are: 1. Order field (27728-1342), 2. Settlement period field (8), 3. Fiscal Year field (2015), 4. Test Run checkbox (checked), 5. Processing type dropdown (Automatic), 6. Posting period field (8).

STEP 3

1. Check if there are error messages
2. Click on  to display messages

Come back to the initial screen with



The screenshot shows the 'Actual Settlement: Order Basic list' screen. The annotations are: 1. Selection icon (top left), 2. Selection icon (top right), 3. Selection icon (bottom right).

Selection		
Selection Parameters	Value	Name
Order	27728-1341	COM SI 2015
Period	009	
Posting period	009	
Fiscal Year	2015	
Processing type	1	Automatic
Posting Date	30.09.2015	
Controlling Area	2026	Rhodia Asia Pacific
Currency	USD	United States Dollar
Value date	30.09.2015	

Processing Options		
Selection Parameters	Value	
Execution type	Settlement executed	
Processing mode	Test run	

Processing completed with no errors

Statistics		
Processing category	E	Number
Settlement executed		1
No change		
Not relevant		
Inappropriate status		
Error		1

STEP 4

If there was no error, you can execute



without "test mode"

Actual Settlement: Order

Settlement Rule

Order: 27728-1341

Parameters

Settlement period: 9 Posting period: 9
Fiscal Year: 2015 Asset Value Date:
Processing type: Automatic

Processing Options

☐ Test Run
☐ Check trans. data

STEP 5

To view the detailed list of settlements
click on 

Actual Settlement: Order Basic list

Selection

Selection Parameters	Value	Name
Order	27728-1341	COM SI 2015
Period	009	
Posting period	009	
Fiscal Year	2015	
Processing type	1	Automatic
Posting Date	30.09.2015	
Controlling Area	2026	Rhoda Asia Pacific
Currency	USD	United States Dollar
Value date	30.09.2015	

Processing Options

Selection Parameters	Value
Execution type	Settlement executed
Processing mode	Update run

Processing completed with no errors

Statistics

Processing category	Number
Settlement executed	1
No change	
Not relevant	
Inappropriate status	
Error	1

I perform corrective action if there are some errors in the previous steps



- For **WIP** (ZWFAA07, KKA0 and KKAX) you have to run the transaction only in test mode, NOT in processing mode.

STEP 1

Start the transaction using the
menu path or transaction code
KKA0



Order Selection: Initial
screen

Calculate Work in Process: Collective Processing

Plant: All Plants

☒ With Production Orders
☒ With Product Cost Collectors
☒ With Process Orders

Parameters

WIP to Period: 
Fiscal Year: ☒
☐ All RA Versions
☒ RA Version:

Processing Options

☐ Background Processing
☒ Test Run
☐ Log Information Messages

Output Options

☒ Output Object List
☐ Display Orders with Errors
☐ Hide Orders for Which WIP = 0
Displayed Currency: ☒ Comp. Code Cur. ☐ CO Area Curr.
Layout: /SCMA WIP SCMA WIP

STEP 2

- Enter the plant
- Select with "Process Orders"

3. Enter the WIP to period: last month for which the accrual /deferral or work in progress data must be calculated.
4. Tick "Background Processing"
5. Tick "Test Run"
6. Tick "Log Information Messages"
7. Tick "Display Orders with Errors"
8. Tick "Hide Orders for Which WIP = 0"
9. Layout = /SCMA WIP

Execute



Calculate Work in Process: Collective Processing

Plant: 7852 ZFR3 Chalmé **1**

☐ With Production Orders

☐ With Product Cost Collectors **2**

☒ With Process Orders

Parameters

WIP to Period: 8 **3**

Fiscal Year: 2015

☐ All RA Versions

☒ RA Version: 0 WIP RCS

Processing Options

☒ Background Processing **4**

☒ Test Run **5**

☒ Log Information Messages **6**

Output Options

☒ Output Object List **7**

☒ Display Orders with Errors **8**

☒ Hide Orders for Which WIP = 0

Displayed Currency: ☒ Comp. Code Cur. ☐ CO Area Curr.

Layout: /SCMA WIP **9** SCMA WIP

STEP 3

Set the controlling area

Calculate Work in Process: Collective Processing

Plant: 7852 ZFR3 Chalmé

☐ With Production Orders

☐ With Product Cost Collectors

☒ With Process Orders

Parameters

WIP to Period

Fiscal Year

☐ All RA Versions

☒ RA Version

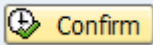
WIP RCS

Set Controlling Area

Controlling Area: 2006

STEP 4

- Tick "Start immediately"
- Confirm



Background Processing: Job Parameters

Job name: WIP_0082015_CROLLIER

Server Group:

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

Planned Start: [] []

No Start After: [] []

☒ Start Immediately

☐ Reschedule Date/Time

☒ Change print param.

Check Confirm

STEP 5

- Enter an output device
- Validate the printing parameters
- and enter



Background Print Parameters

Output Device: lpd imprimante locale du poste de travail ...

Windows printer: \\camvps01\PC22-CL

Number of copies: 1

Number of pages

☒ Print all

☐ Print from page: 0 To: 0

Title: Calculate Work in Process: List

Time of print: Print immediately

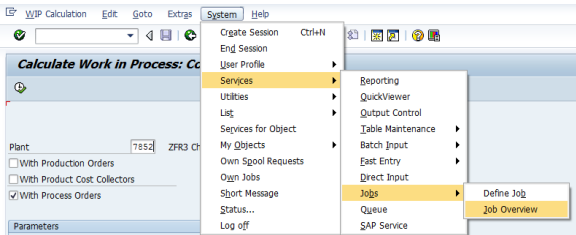
Properties

A message informs that the Job is active

Job WIP_0082015_CROLLIER for user CROLLIER is Ready

STEP 6

Open the job overview



STEP 7

Execute  with your user name

Simple Job Selection

Execute Extended job selection Information

Job name

User name CROLLIER

Job status

☐ Sched. ☒ Released ☒ Ready ☒ Active ☒ Finished ☒ Canceled

Job start condition

From 09.09.2015 To 09.09.2015

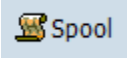
or after event:

Job step

ABAP program name:

STEP 10

Once the job has the status finished, you can display the spool by selecting the job and clicking on



Job Overview

Job overview from: 09.09.2015 at: 11:39:36

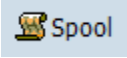
Selected Job name: WIP_0082015_CROLLIER

Selected user names: CROLLIER

Job	Spool list	Job documentation	Job CreatedBy	Status	Start date	Start time	Duration(sec.)	Delay (sec.)
WIP_0082015_CROLLIER	75123		CROLLIER	Finished	09.09.2015	11:39:36	906	0

STEP 11

Select the program and click on



Step List Overview

All Spool Lists

No.	Program name/command	Prog. type	Spool list	Parameters	User	Lang.
1	SAPKKA07	ABAP	75123	*00000000001746	CROLLIER	EN

STEP 12

Select the spool and click on 

Output Controller: List of Spool Requests

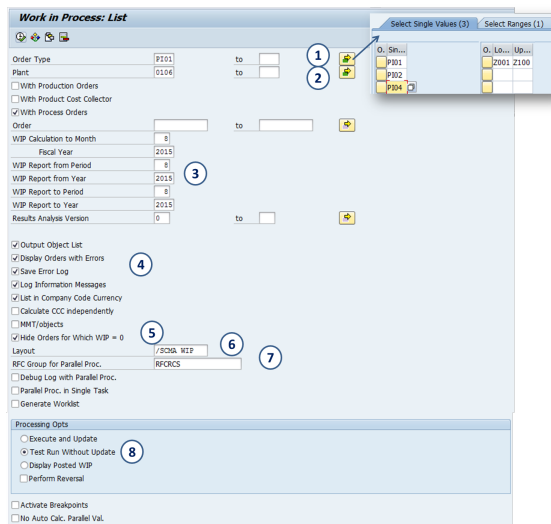
Spool no.	Type	Date	Time	Status	Pages	Title or name of spool request
75123		09.09.2015	17:54	-	2	Calculate Work in Process: List

STEP 12

The order list with WIP was calculated

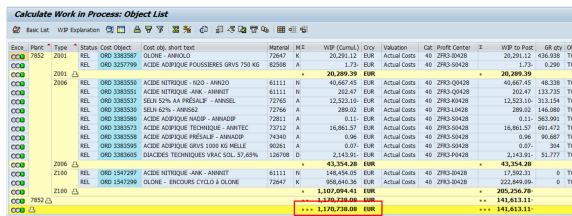
- e. List in Company Code Currency
5. Tick: Hide Orders for Which WIP = 0
6. Layout = /SCMA WIP
7. RFC Group for Parallel Proc. = RFCRCS
8. Tick: Test Run Without Update

Execute 



STEP 3

The order list with WIP was calculated by plant



Doc	Plant	Type	Status	Cost Object	Cost Obj. Short Text	Material	WIP (Current)	Qty	Valuation	Cal. Profit Center	Z	WIP to Post	GR Qty	GRM
COB	7882	2001	REL	ORD 3385987	CLONE - ANNOLO	72647	20,291.12	EUR	Actual Costs	40 2983-00428		20,291.12	426.838	TO
COB	7882	2001	REL	ORD 3257799	ACIDE ADRIQUE POISSONNES GRVS 750 KG	82598	0.75	EUR	Actual Costs	40 2983-00428		0.75	0.296	TO
COB	2001	Δ					20,291.87					20,291.87		
COB	2006		REL	ORD 3385988	ACIDE NETRIQUE - N2O - ANNOLO	61111	40,667.45	EUR	Actual Costs	40 2983-00428		40,667.45	48.338	TO
COB	REL	ORD 3385989	ACIDE NETRIQUE - ANNEET	61111	N	202.47	EUR	Actual Costs	40 2983-00428			202.47	133.750	TO
COB	REL	ORD 3385997	SELS 52% AA PREALP - ANNEEL	72765	A	12,523.10	EUR	Actual Costs	40 2983-00428			12,523.10	333.134	TO
COB	REL	ORD 3385998	SELS 52% - ANNEEL	72766	A	289.63	EUR	Actual Costs	40 2983-00428			289.63	146.880	TO
COB	REL	ORD 3385980	ACIDE ADRIQUE MANDP - ANNADEP	72811	A	6.11	EUR	Actual Costs	40 2983-00428			6.11	363.991	TO
COB	REL	ORD 3385973	ACIDE ADRIQUE TECHNIQUE - ANNETEC	73712	A	16,861.57	EUR	Actual Costs	40 2983-00428			16,861.57	391.472	TO
COB	REL	ORD 3385988	ACIDE ADRIQUE PREALP - ANNADEP	74340	A	0.96	EUR	Actual Costs	40 2983-00428			0.96	90.687	TO
COB	REL	ORD 3385995	ACIDE ADRIQUE GRVVS 1000 KG NELLE	90261	A	0.07	EUR	Actual Costs	40 2983-00428			0.07	334	TO
COB	REL	ORD 3385985	ENCOURS TECHNIQUES VRAI SOL 37.65%	126708	E	2,143.95	EUR	Actual Costs	40 2983-00428			2,143.95	51.777	TO
COB	2006	Δ					43,354.28					43,354.28		
COB	2100		REL	ORD 1547097	ACIDE NETRIQUE - ANK - ANNETET	61111	144,454.05	EUR	Actual Costs	40 2983-00428		144,454.05	0	TO
COB	REL	ORD 1547099	CLONE - ENCOURS CYCLO I CLONE	72647	K	926,940.26	EUR	Actual Costs	40 2983-00428			222,840.06	0	TO
COB	7882	Δ					1,170,528.08					1,170,528.08		
COB	Δ						1,170,528.08					1,170,528.08		

STEP 1

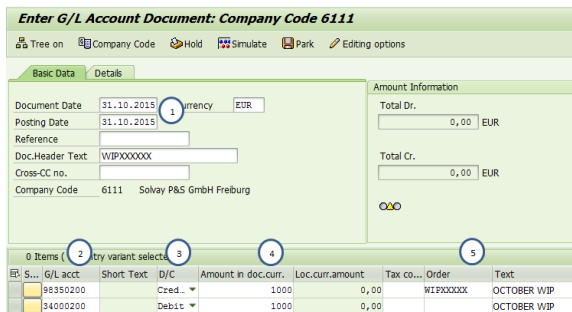
Start the transaction FB50

1. Document and Posting date (Closing month)
2. Accounts to post the WIP
3. Posting Key (Debit or Credit)
4. Amount of WIP
5. Order in Work in Progress



WIP Calculation

Make sure that you have previously [calculated the WIP](#) and collected the orders in WIP



STEP 2

Post WIP journal using the following accounts:

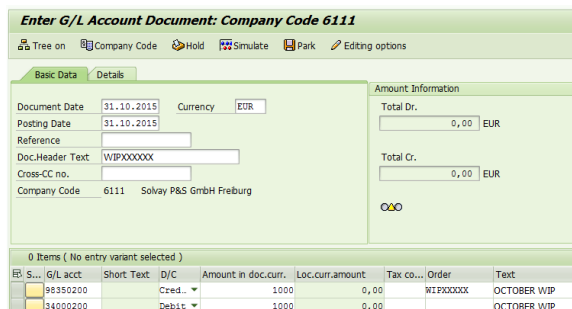
Cost Account: 98350200

G/L Account: 34000200



Posting Keys

The cost account should be credited and the G/L account debited.



The cost account must have a cost object assigned which will be the order that was previously calculate as Work in Progress (WIP).

Post the journal to the closing month (M)



Save the document clicking on  and you will get the document number that you have just posted.



Reverse WIP

After posting the Work in Progress you must reverse it on following month. Ensure that next step is also done.

Tasks to be completed when documenting an SAP Transaction, Report or Message code.

1. Title of the page = SAP Transaction code, SAP Report or SAP Message

2. Add the following Labels, respectively:

- SAP Transaction => "sap_transaction"
- SAP Report => "sap_report"
- SAP Message => "sap_msg"

3. On the left section, describe the steps. On the right section, insert respective print screens and additional guidelines, if needed (e.g. Main selections of the transaction...)



Reverse's booking date

Previous posting was done in	Reverse is to do in
Current period	Same day as the previous posting
Closed period	The closed period cannot be opened then the reversal has to be done as soon as possible in the current (open) period
Current period and in a different currency from EUR	Same day as the previous posting and with the same currency rate
Closed period and in a different currency from EUR	First day of the open period or day of the reverse posting with the same currency rate

Cases of reverse:

- Wrong posting in the current period

- Wrong posting in a closed period
- Reverse of accrual
- etc

STEP 1

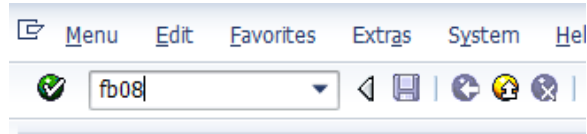
Use transaction code:

 FB08 - Reserve Document:
Initial Screen

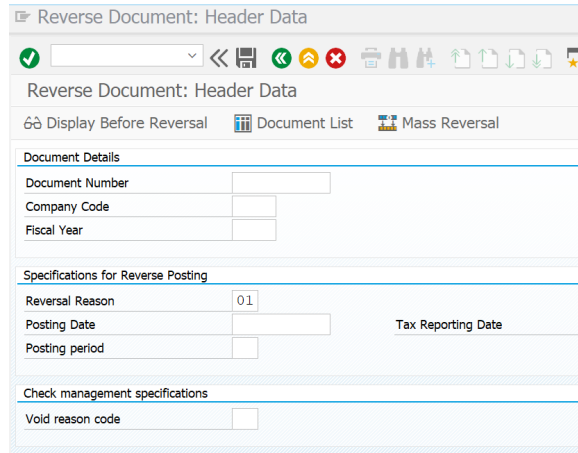
 If one item in the previous posting is cleared, it is not possible to reverse it. You have to reset the cleared item or use the transaction [FBR2](#).

 The system does automatically clear the cancelled items when we use this transaction (FB08).

Enter the transaction name in the SAP command field:



Next screen opens:



Fill in the following fields:

Document number	Document number that has to be cancelled / reverse
Company code	Concerned company code
Fiscal Year	Is always the current fiscal year
Reversal reason	Reverse reason (with the match code)
Posting date	Reverse posting date
Posting period	Period is automatically adapt with the posting date
Void reason code	Is not a mandatory field (with the match code)

STEP 2

Select the document to be reversed

 You can display the reversal before saving, if you wish to confirm you are reversing the correct entry.

Enter the barcode if it is required:

- Document
- company code
- period
- reversal reason

STEP 3

Save the reverse document by clicking on 

Reverse Document: Header Data

Reverse Document: Header Data

Display Before Reversal Document List Mass Reversal

Document Details

Document Number	160000594
Company Code	4056
Fiscal Year	2024

Specifications for Reverse Posting

Reversal Reason	01
Posting Date	
Posting period	
Tax Reporting Date	

Check management specifications

Void reason code	
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STEP 4

Check other transactions to reserve documents

Other document reverse transactions:

- [FBR2 - Post Document](#)
- [F.80 - Mass Reversal of Documents](#)
- [FBU8 - Reverse Cross-Company Code Transaction](#)



KKAX

Transaction KKAX can be also used to calculate the WIP when you want to do it for a single order. This is not quite usual once we have KKA0 that give us all orders that are WIP.

If all orders were balanced for closing month means that this task has been successfully executed.