

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 FtO will provide additional support to reach a solution.

Scope



WW

WP2

Frequency



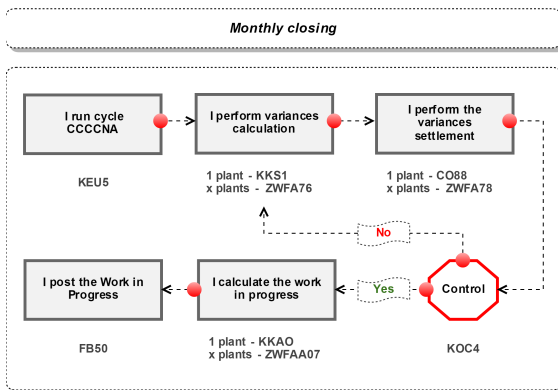
References

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

Attachments

N/A

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



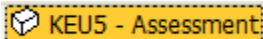
Guideline

Before start processing the process orders costs you have to run cycle **CCCNA** 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€.

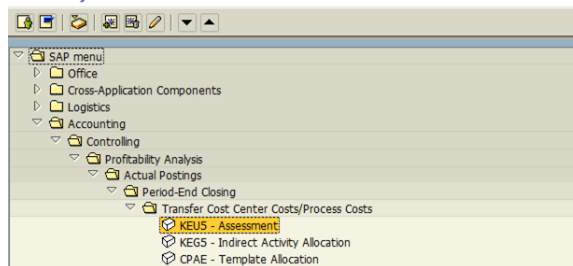
STEP 1

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

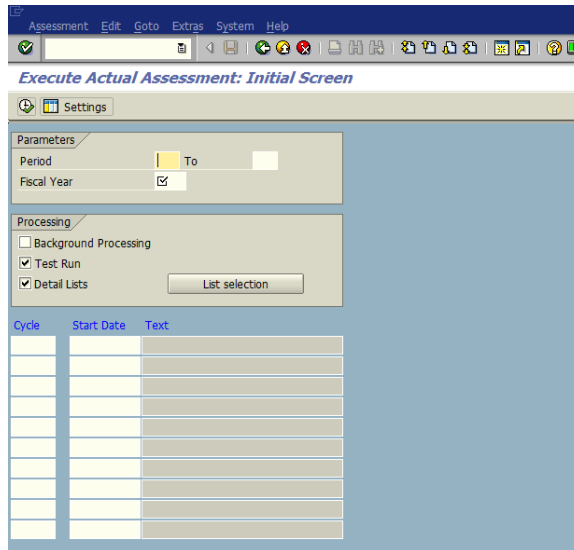
Double-click



SAP Easy Access



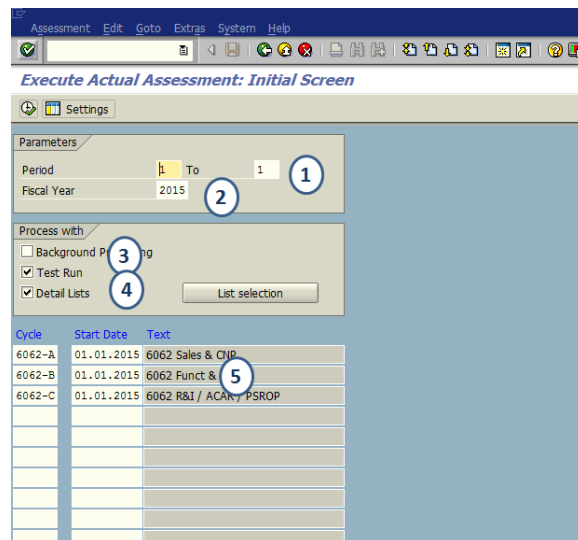
Execute Actual Assessment: Initial Screen



STEP 2

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

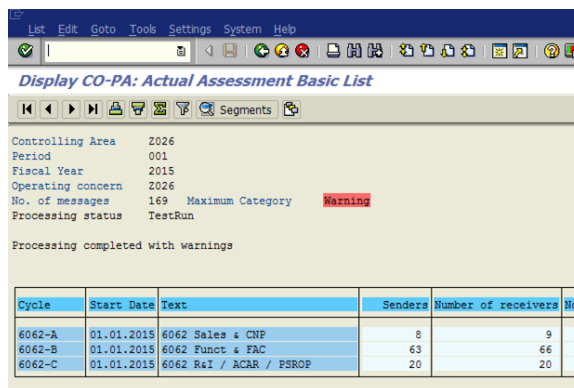
	Field name	User action and values	Comment
0	Controlling Area (dialog box)	Enter controlling area	Only needed if dialog box displays.
1	Periods	Enter one number in each field, for example, from 1 to 1	Jan =1, Dec=12
2	Year	Current year	
3	Test run		Use test run until the run is error-free
4	Detailed lists	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

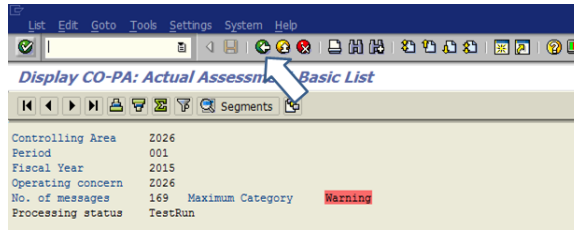
Execute

It is compulsory to clear Error messages before saving the cycle



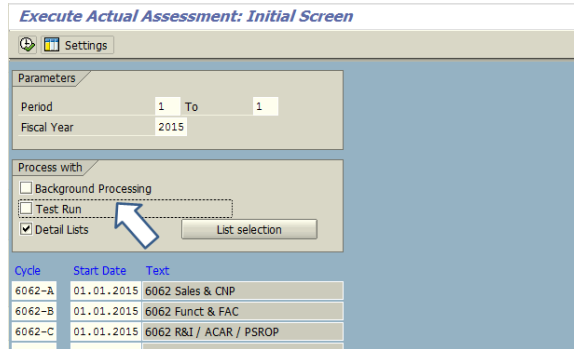
STEP 4

Go back to the initial screen by clicking 

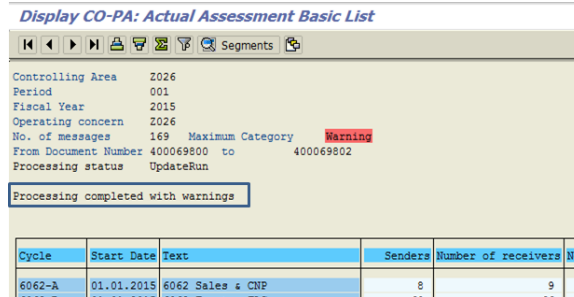


STEP 5

Untick the field "Test run" and execute 



The process is completed without error



Workflow history

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

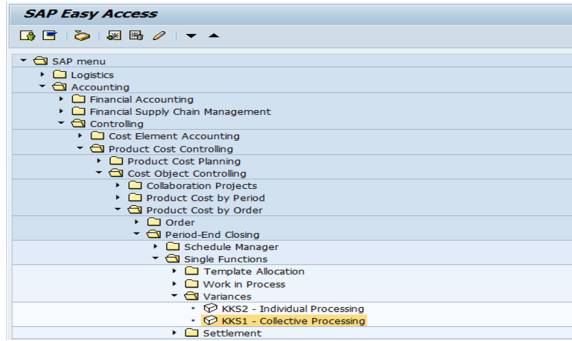
Jul 06, 2016	Actor	Type	Activity	Version
Published	ROLLIER, Charlotte	State	changed state to Published at 8:41 pm	v33
To be approved	ROLLIER, Charlotte	State	gave <i>Approvers</i> approval at 8:41 pm	
		State	changed expiry date to '11 Jul, 2016 08:41 pm' at 8:41 pm	
		State	changed state to To be approved at 8:41 pm	v33
For Review	ROLLIER, Charlotte	State	gave <i>Reviewers</i> approval at 8:41 pm	
		State	changed expiry date to '11 Jul, 2016 08:41 pm' at 8:41 pm	
		State	changed state to For Review at 8:41 pm	v33
Draft	ROLLIER, Charlotte	State	changed state to Draft at 4:21 pm	v33
From Aug 21, 2015 to Feb 29, 2016				
Approved	Alexandra Lepercq , Bixirão, Vasco and ROLLIER, Charlotte	Edit	multiple updates from Alexandra Lepercq , Bixirão, Vasco and ROLLIER, Charlotte	

STEP 1

Start the transaction using the menu path or transaction code

KKS1 - Collective Processing

i Variance Calculation: Initial Screen



Variance Calculation: Initial Screen

A screenshot of the 'Variance Calculation: Initial Screen' form. The 'Plant' field is empty, with a dropdown arrow and the text 'All Plants in Controlling Area'. Below it are three checkboxes: 'With Production Orders' (checked), 'W/Product Cost Collectors' (unchecked), and 'With Process Orders' (checked). The 'Parameters' section has 'Period' set to 8 and 'Fiscal Year' set to 2015. There are two radio buttons: 'All target cost vsns' (unchecked) with value 000,001,003, and 'Selected Target Cost Vsns' (checked) with value 000. The 'Processing options' section has three checkboxes: 'Background Processing' (unchecked), 'Test Run' (checked), and 'Detail list' (unchecked).

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

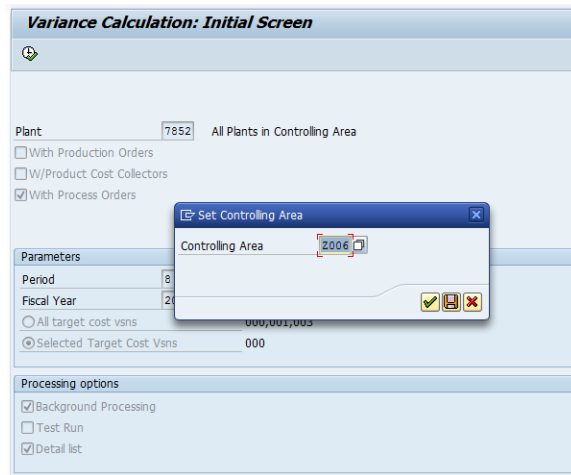
Variance Calculation: Initial Screen

A screenshot of the 'Variance Calculation: Initial Screen' form with numbered annotations. 1. The 'Plant' field contains '7852'. 2. The 'With Production Orders' checkbox is unchecked. 3. The 'W/Product Cost Collectors' checkbox is unchecked. 4. The 'With Process Orders' checkbox is checked. 5. The 'Period' field contains '8' and the 'Fiscal Year' field contains '2015'. 6. The 'Background Processing' checkbox is checked. 7. The 'Test Run' checkbox is unchecked. 8. The 'Detail list' checkbox is checked.

STEP 3

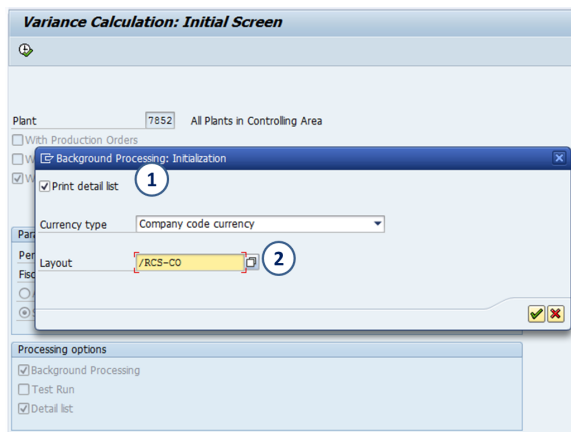
If requested enter the controlling area

and

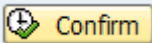


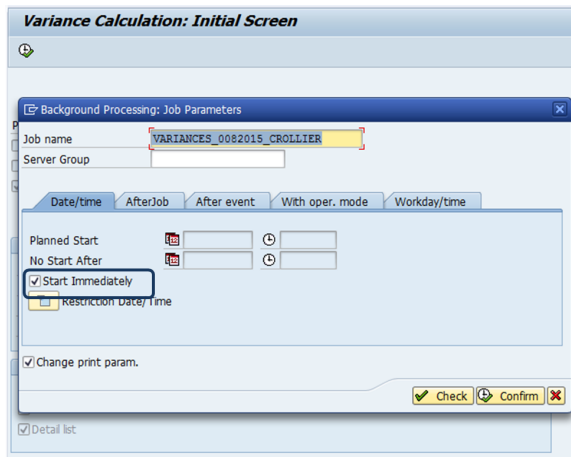
STEP 4

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




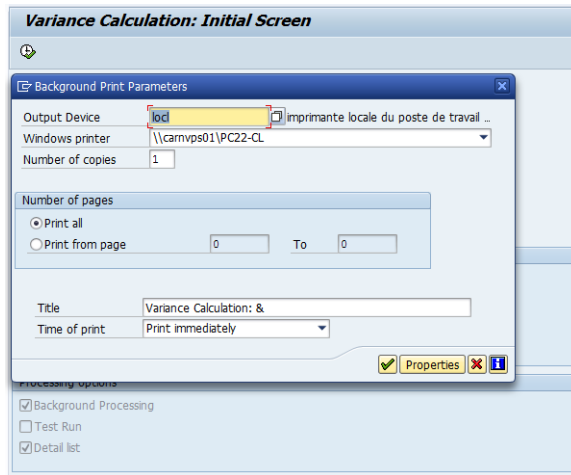
STEP 5


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

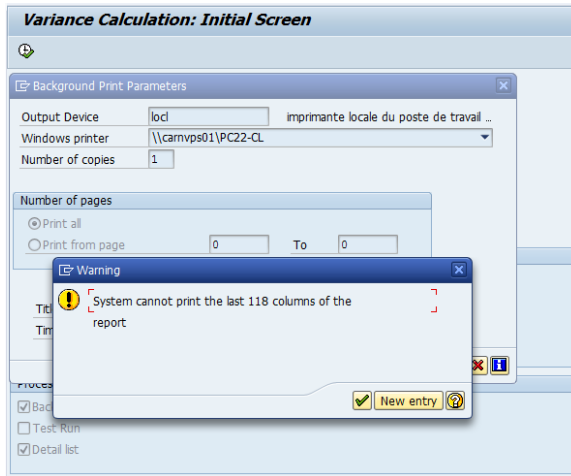


STEP 6


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



You can skip the warning message by clicking on 

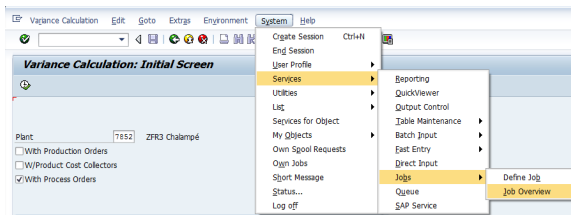


A message informs that the Job is active

 Job VARIANCES_0082015_CROLLIER for user CROLLIER is Active

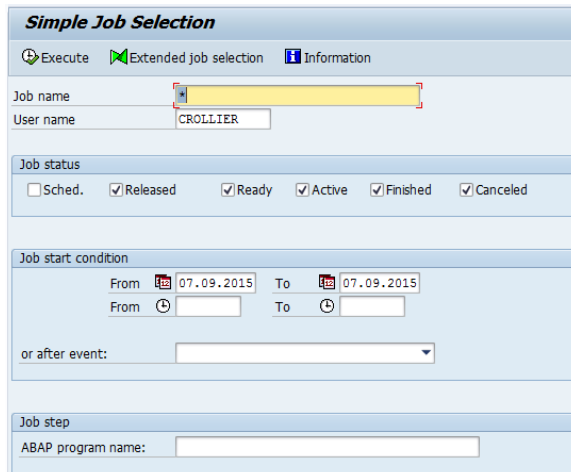
STEP 7

Open the job overview



STEP 8

Execute  with your user name



Execute



Variant name	Short Description	Environment	Protected	Changed by	Last changed on
SOMA_7405_KKS1	7405: PP order variances calc.	A			
SOMA_7424_KKS1	SOMA_7424_KKS1	A		BR007713	15.12.2014
SOMA_7523_KKS1	SOMA_7523_KKS1	A		BR005197	27.08.2015
SOMA_7525_KKS1	KKS1	A		TH93234	28.04.2015
SOMA_7797_KKS1	7797: PP order variances calc.	A			
SOMA_7811_KKS1	7811: PP order variances calc.	A		FYPANG	21.03.2014
SOMA_8090_KKS1	8090: PP order variances calc.	A			
SOMA_8485_KKS1	8485: PP order variances calc.	A		RSEVILLA	05.02.2014
SOMA_2FR3_KKS1	ZFR3: PP order variances calc.	A		RSEVILLA	05.02.2014
SOMA_2FR9_KKS1	SOMA_2FR9_KKS1	A		PT300090	01.10.2014
SOMA_ZVE1_KKS1	SOMA_ZVE1_KKS1	A		BR004229	30.06.2014
VAR OP S		A			
Z010-ZU54	Variances calculation	A		MKONDABA	29.09.2014
Z025-7991	Variances calculation	A			
Z026-7154	Variances calculation	A			
Z028-7424	Variances calculation	A		BR007713	25.07.2014
Z028-7424-2015	Variances calculation -TS	A			
Z028-7651	Variances calculation	A		PESTELLE	02.03.2010

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. 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



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

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

C088 - Collective Processing

SAP Easy Access

- SAP menu
 - Office
 - Accounting
 - Financial Accounting
 - Financial Supply Chain Management
 - Controlling
 - Cost Element Accounting
 - Activity-Based Costing
 - Product Cost Controlling
 - Product Cost Planning
 - Cost Object Controlling
 - Collaboration Projects
 - Product Cost by Period
 - Product Cost by Order
 - Order
 - Actual Postings
 - Period-End Closing
 - Schedule Manager
 - Single Functions
 - Template Allocation
 - Variances
 - Settlement
 - K088 - Individual Processing
 - C088 - Collective Processing**

i Actual Settlement: Production/Process Orders: Initial screen

Actual Settlement: Production/Process Orders

Plant ZFR3 Chalampé

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 Posting period

Fiscal Year

Processing type

Processing Options

Background Processing
 Test Run
 Detail List
 Check trans. data

Layouts

STEP 2

Set the controlling area

Settlement Edit goto Extras Environment System Help

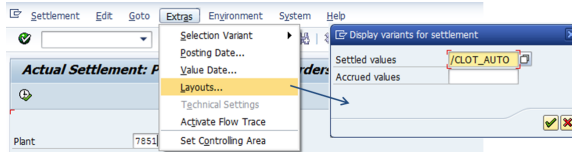
Selection Variant
 Posting Date...
 Value Date...
 Layouts...
 Technical Settings
 Activate Flow Trace
Set Controlling Area

Set Controlling Area

Controlling Area

STEP 3

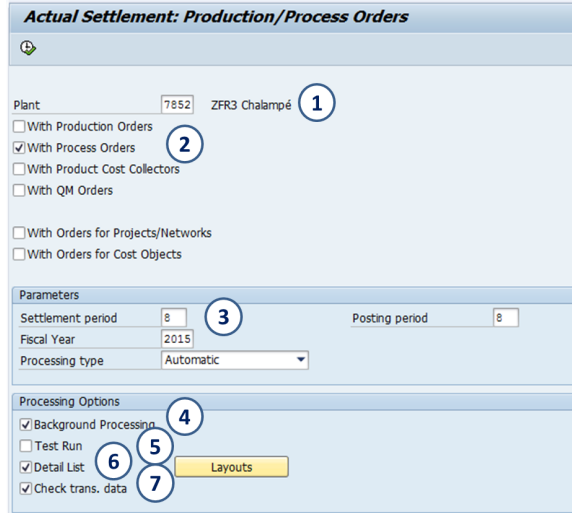
Define the layout for the result : /CLOT_AUTO



STEP 4

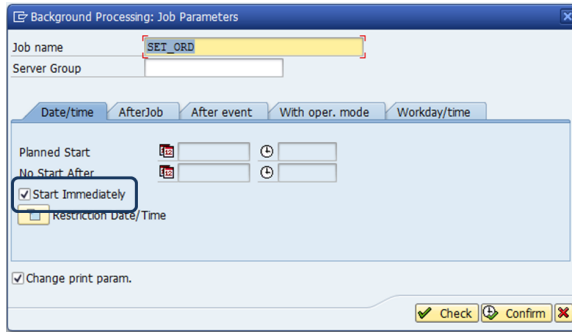
1. Enter the plant code
2. Select with "Process Orders"
3. Parameters
 - Enter the period to close and the fiscal year
 - Select the processing type "Automatic"
4. Tick "Background Processing"
5. Untick "Test Run"
6. Tick "Detail list"
7. Tick "Check trans. data"

Execute



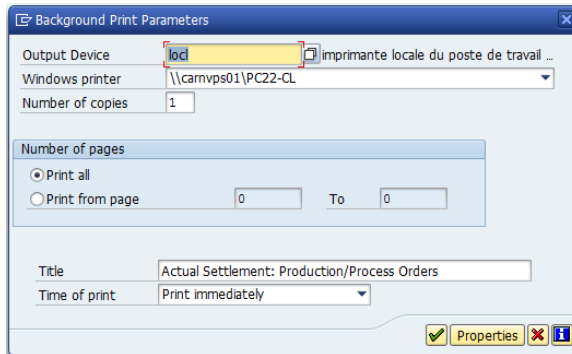
STEP 5

- Tick "Start immediately"
- Confirm

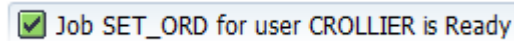


STEP 6

- Enter an output device
- Validate the printing parameters

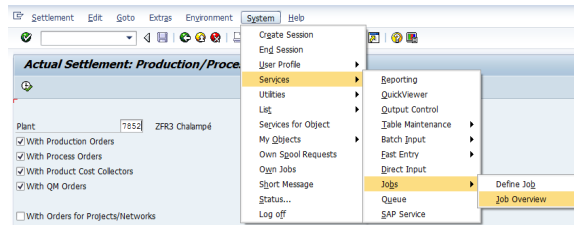


A message informs that the Job is ready



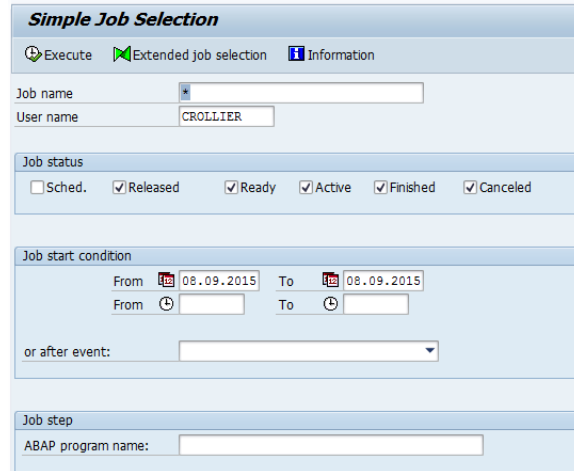
STEP 7

Display the result



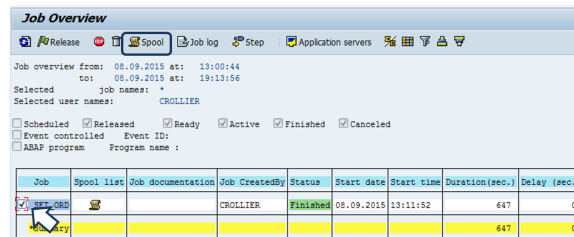
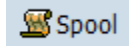
STEP 8

Execute with your username



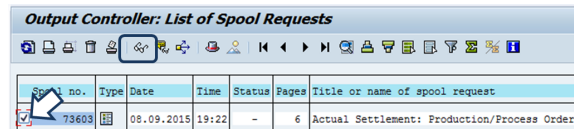
STEP 9

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



STEP 10

Select the spool and click on



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 FSG 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 FSG 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 FSG 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 FSG 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 FSG 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 FSG 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 FSG 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 FSG 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 FSG 0007931642 | | 13,142.69 | Variances |

Workflow history

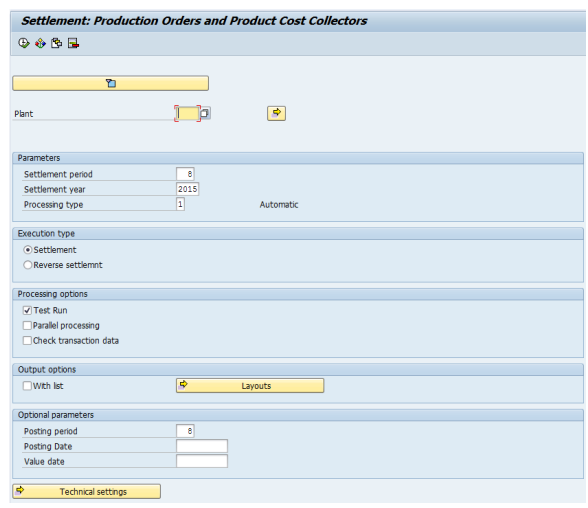
This view shows the 5 most recent entries. The complete workflow log is available from the 'Document Activity' menu item.

| Jul 06, 2016 | Actor | Type | Activity | Version |
|---------------------|--------------------|-------|---|---------|
| Published | ROLLIER, Charlotte | State | changed state to Published at 8:45 pm | v7 |
| To be approved | ROLLIER, Charlotte | State | gave <i>Approvers</i> approval at 8:45 pm | |
| | | State | changed expiry date to '11 Jul, 2016 08:45 pm' at 8:45 pm | |
| | | State | changed state to To be approved at 8:45 pm | v7 |
| For Review | ROLLIER, Charlotte | State | gave <i>Reviewers</i> approval at 8:45 pm | |
| | | State | changed expiry date to '11 Jul, 2016 08:44 pm' at 8:44 pm | |
| | | State | changed state to For Review at 8:44 pm | v7 |
| Draft | ROLLIER, Charlotte | State | changed state to Draft at 4:13 pm | v7 |
| Feb 13, 2016 | | | | |
| In Progress | ROLLIER, Charlotte | State | changed state to In Progress at 5:15 pm | v7 |

STEP 1

Start the transaction ZWFA78

i Variances: Manufacturing Orders and Product Cost Collectors: Initial Screen



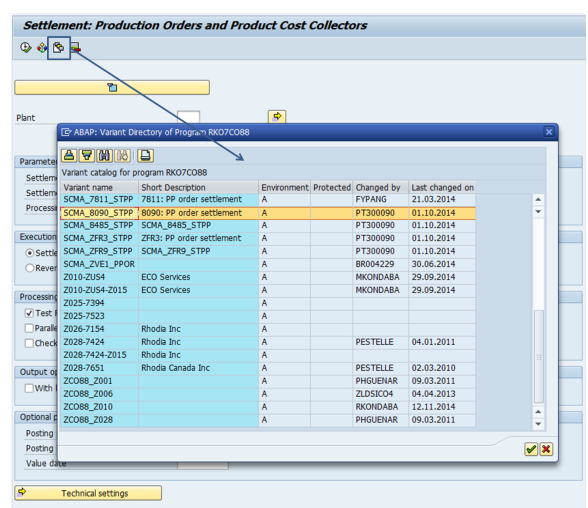
STEP 2

You can look for an existing variant by clicking on


Select the variant and

Check the settlement period & posting period

Execute



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)

Settlement: Production Orders and Product Cost Collectors

Plant: 7851

Order Type: to to

Order: to to

With Production Orders
 With Process Orders
 With Product Cost Collectors
 With QM Orders
 W/ Project Ords
 With Orders for Cost Objects

Parameters

Settlement period: 08
 Settlement year: 2015
 Processing type: Automatic

Execution type

Settlement
 Reverse settlement

Processing options

Test Run
 Parallel processing
 With server group: RFRCS
 Check transaction data

Output options


With list
 Layouts

Optional parameters

Posting period: 8
 Posting Date:
 Value date:

Technical settings

Execute 

 **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 |

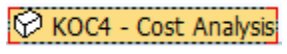
Processing Options

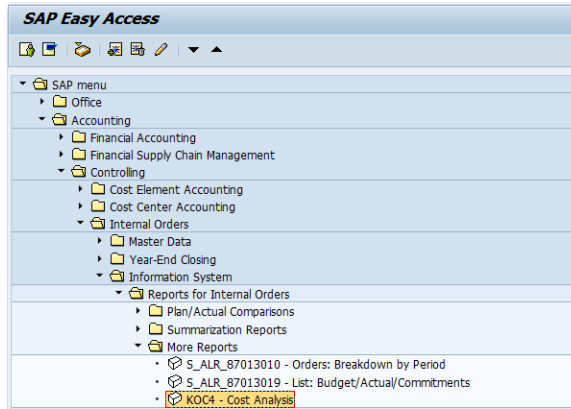
| Selection Parameters | Value |
|----------------------|---------------------|
| Execution type | Settlement executed |
| Processing mode | Update run |

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

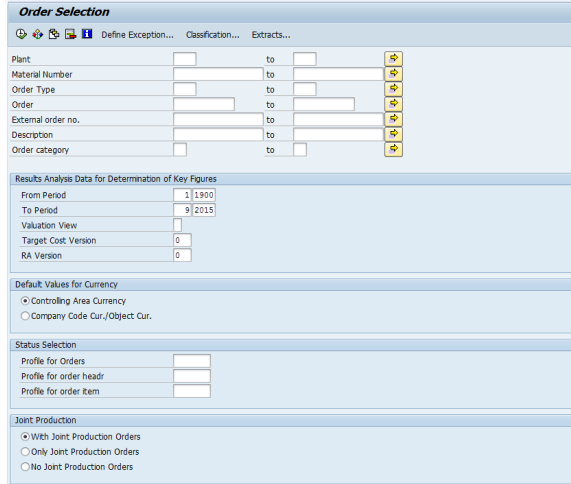
STEP 1

Start the transaction using the menu path or transaction code



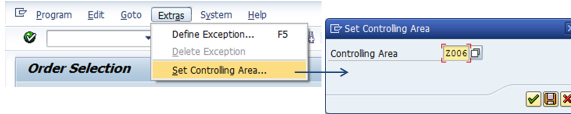


i Order Selection: Initial screen



STEP 2

Set the Controlling Area

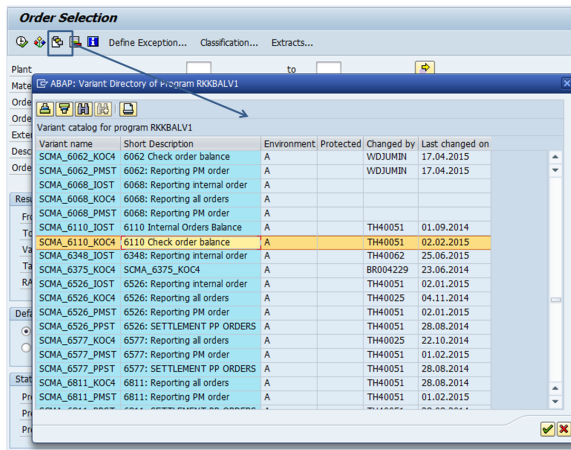


STEP 3

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

The screenshot shows the SAP Order Selection interface with several sections and numbered annotations:

- Order Selection:** Fields for Plant (7852), Material Number, Order Type (PI01), Order, External order no., Description, and Order category.
- Results Analysis Data for Determination of Key Figures:** From Period (2015), To Period (2015), Valuation View, Target Cost Version (0), and RA Version (0).
- Status Selection:** Profile for Orders, Profile for order head, and Profile for order item.
- Joint Production:** Radio buttons for With, Only, and No Joint Production Orders.
- Assignments:** Controlling Area (2004), Company Code (2PR3), Business Area, Object Class, Profit Center, Responsible Cctr, Requesting co. code, Request. cost center, WBS element, Sales Order, Sales Order Item, Tax Jurisdiction, Location/Plant, and Location plant.
- Control:** Currency, Statistical, Cctr: True postings, Integrated planning, and Plan line items.
- Period Closing:** Results Analysis Key, Costing Sheet, Overhead key, and Interest Profile.
- Settings for Results List:** Orders Without Order Items (selected), Layout (/RCS-CLOT), Orders with Order Items, Layout (SAP01), and With Classification Chars.

STEP 4

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

The screenshot shows the SAP menu with the following options:

- Execute (F8)
- Execute and Print (Ctrl+P)
- Execute in Background (F9)
- Exit (Shift+F3)


STEP 5

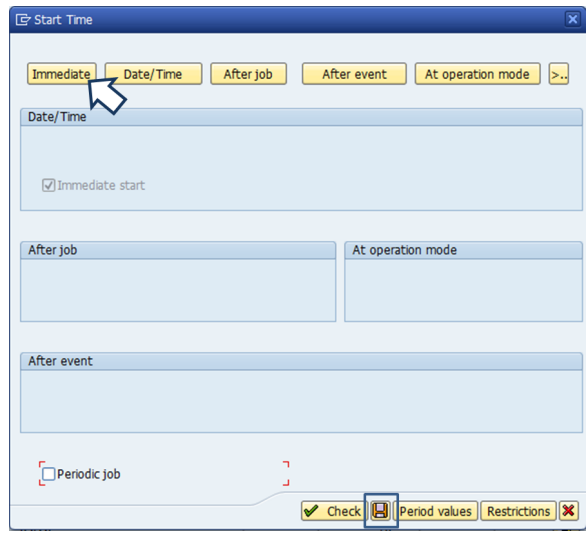
- Enter an output device
- Validate the printing parameters
- and enter

The screenshot shows the SAP Background Print Parameters dialog box with the following settings:

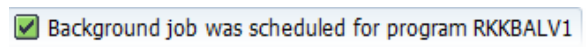
- Output Device: locl
- Windows printer: \\carvps01\PC22-CL
- Number of copies: 1
- Number of pages: Print all (selected)
- Title: (empty)
- Time of print: Print immediately

STEP 6

Click on **Immediate** to launch the processing immediately and save 

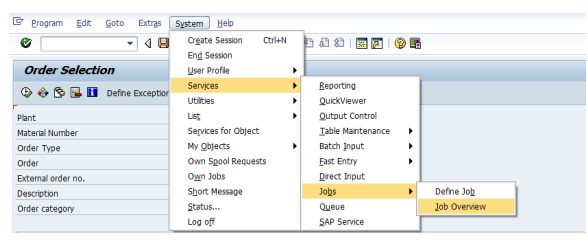


A message informs that the Job is active



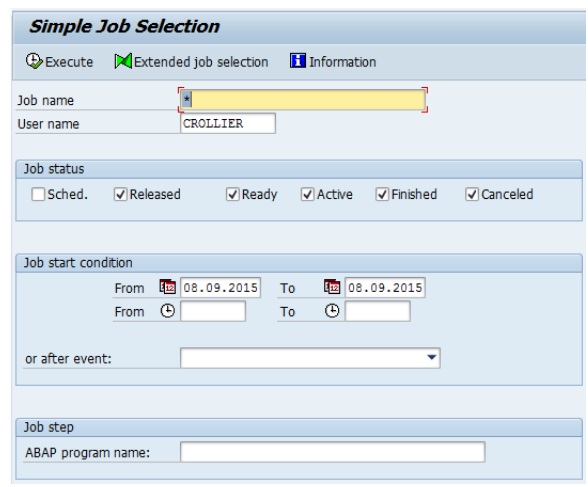
STEP 7

Open the job overview




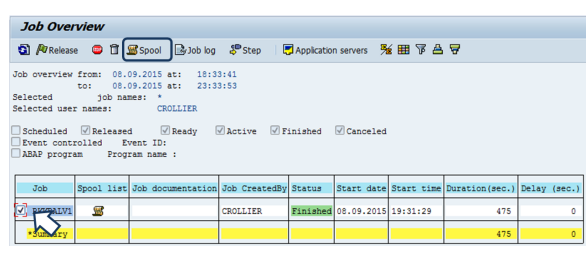
STEP 8

Execute  with your user name




STEP 9

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



STEP 10

Select the spool and click on 

Output Controller: List of Spool Requests

| 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).

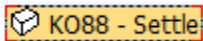
KKS2 - VARIANCE CALCULATION

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



SAP Easy Access

- Favorites
- SAP menu
 - Office
 - Cross-Application Components
 - Logistics
 - Materials Management
 - Production - Process
 - Plant Maintenance
 - Management of Technical Objects
 - Maintenance Processing
 - Completion Confirmation
 - Completion
 - Individual Processing
 - KK12 - Determine Actual Cost Surcharges
 - KO88 - Settle**
 - KO85 - Distribute in Line Items
 - KK11 - Determine Result
 - Collective Processing

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 

Actual Settlement: Order

Settlement Rule

Order **1**


Parameters

Settlement period **2** Posting period **6**
 Fiscal Year **3** Asset Value Date
 Processing type

Processing Options

Test Run **4**
 Check trans. data


STEP 3

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

Come back to the initial screen with



Actual Settlement: Order Basic list

 **2**

Selection

| Selection Parameters | Value | Name |
|----------------------|------------|----------------------|
| Order | Z7728-1341 | 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 | Test run |

Processing completed with no errors **1**

Statistics

| Processing category | Σ | 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

Parameters


Settlement period Posting period
 Fiscal Year Asset Value Date
 Processing type

Processing Options


Test Run
 Check trans. data

STEP 5

To view the detailed list of settlements

click on 

Actual Settlement: Order Basic list

 **1**

Selection

| Selection Parameters | Value | Name |
|----------------------|------------|----------------------|
| Order | Z7728-1341 | 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 | Σ | Number |
|----------------------|---|--------|
| Settlement executed | | 1 |
| No change | | |
| Not relevant | | |
| Inappropriate status | | |
| Error | | 1 |

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

| Jun 13, 2016 | Actor | Type | Activity | Version |
|------------------------------------|----------------------------------|-------|---|---------|
| Published | Sylvain Michel Alexandre Pingont | State | changed state to Published at 2:02 pm (Space Initialization) | v4 |
| Draft | Sylvain Michel Alexandre Pingont | State | gave <i>Approvers</i> approval at 2:02 pm | |
| | | State | changed state to Draft at 2:02 pm | v4 |
| From Sept 08, 2015 to Feb 09, 2016 | | | | |
| | Alexandra Lepercq | Edit | updated the page at 7:06 pm | |
| Sept 07, 2015 | | | | |
| | ROLLIER, Charlotte | Edit | created the page at 4:04 pm | |

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



- For **WIP (ZWFAA07, KKAO 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 **KKAO**



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.

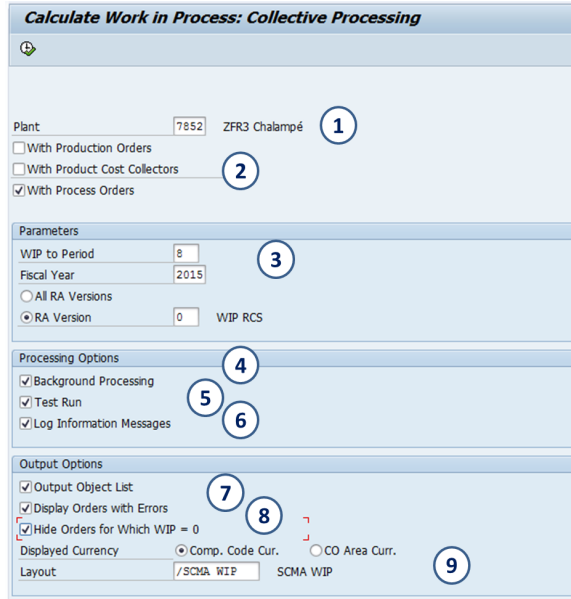
Layout /SCMA WIP SCMA WIP

STEP 2

1. Enter the plant
2. 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 Chalampé **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

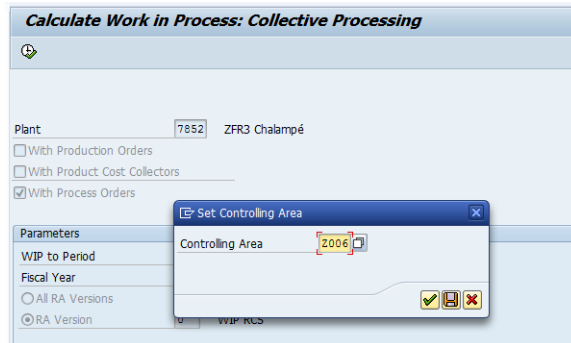
Background Processing **4**
 Test Run **5**
 Log Information Messages **6**

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 SCMA WIP **9**

STEP 3

Set the controlling area



Calculate Work in Process: Collective Processing

Plant: 7852 ZFR3 Chalampé

With Production Orders
 With Product Cost Collectors
 With Process Orders

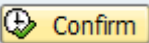
Parameters

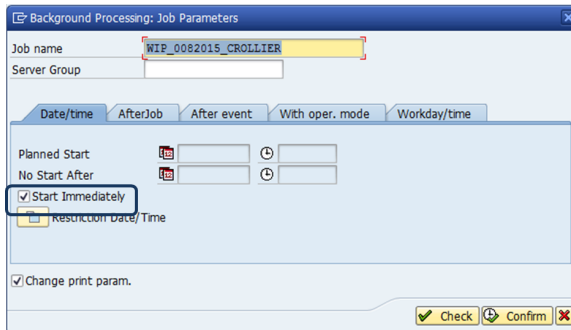
WIP to Period
 Fiscal Year
 All RA Versions
 RA Version

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: [] []

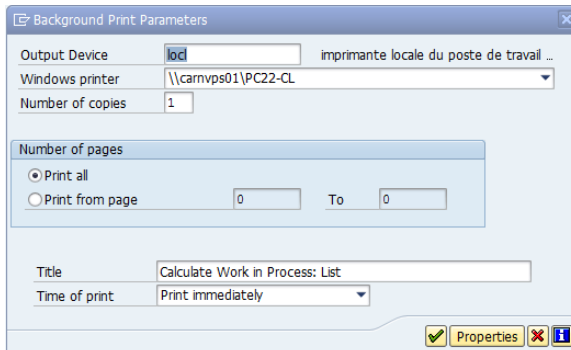
Start Immediately
 Resurrection Date/Time

Change print param.

Check Confirm

STEP 5

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



Background Print Parameters

Output Device: lcd 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

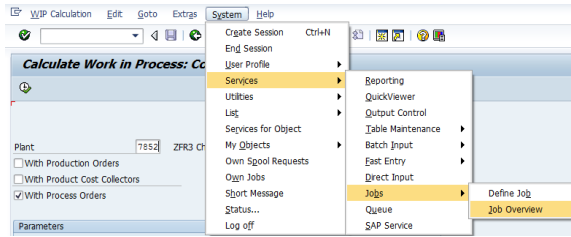
Properties

A message informs that the Job is active


 Job WIP_0082015_CROLLIER for user CROLLIER is Ready

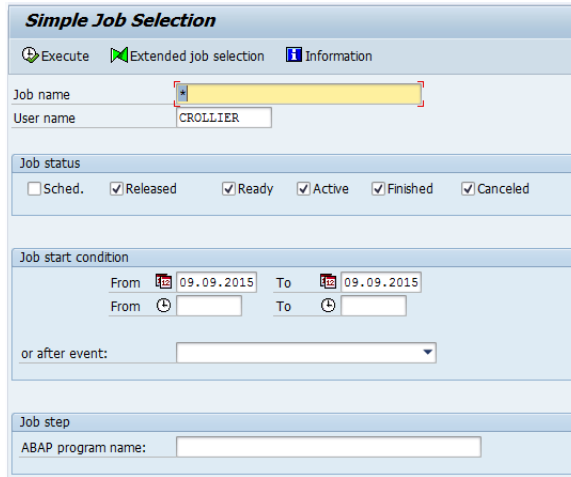
STEP 6

Open the job overview



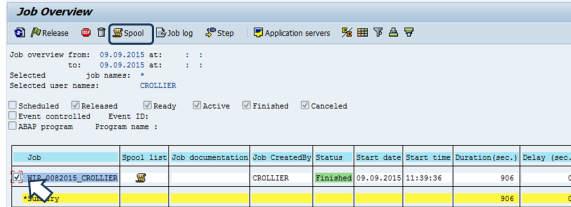
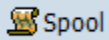
STEP 7

Execute  with your user name



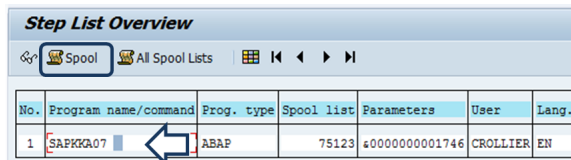
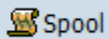
STEP 10

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




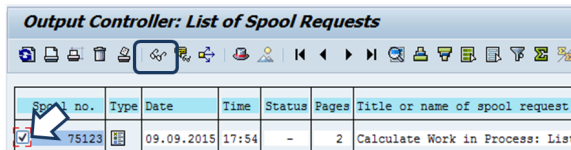
STEP 11

Select the program and click on



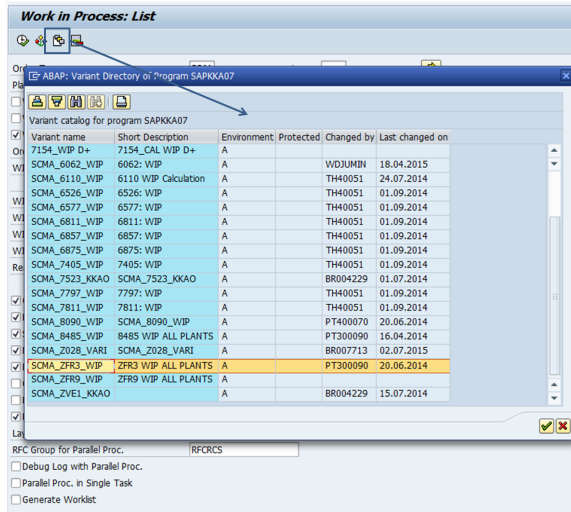
STEP 12

Select the spool and click on 



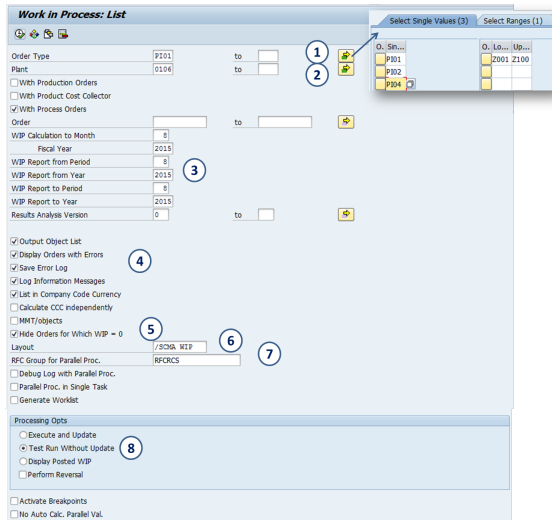
STEP 12

The order list with WIP was calculated



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

- Enter the following list of order types:
 - Select Single Values: PI01, PI02, PI04
 - Select ranges: Z001 to Z100
- Enter the list of plants
- Enter the WIP period
- Tick:
 - Output Object List
 - Display Orders with Errors
 - Save Error Log
 - Log Information Messages
 - List in Company Code Currency
- Tick: Hide Orders for Which WIP = 0
- Layout = /SCMA WIP
- RFC Group for Parallel Proc. = RFCRCS
- Test Run Without Update



Execute

STEP 3

The order list with WIP was calculated by plant

| Material | Plant | Cost Type | WIP (Planned) | WIP (Actual) |
|----------|-------|-----------------|---------------|--------------|
| 2001 | 2006 | REL. ORD 338359 | 40,667.45 | 40,667.45 |
| 2001 | 2006 | REL. ORD 338357 | 12,523.10 | 12,523.10 |
| 2001 | 2006 | REL. ORD 338358 | 18,861.57 | 18,861.57 |
| 2001 | 2006 | REL. ORD 338356 | 0.07 | 0.07 |
| 2001 | 2006 | REL. ORD 338355 | 43,354.28 | 43,354.28 |
| 2001 | 2006 | REL. ORD 338354 | 11,900.31 | 11,900.31 |
| 2001 | 2006 | REL. ORD 338353 | 222,849.89 | 222,849.89 |
| 2001 | 2006 | REL. ORD 338352 | 205,256.39 | 205,256.39 |
| 2001 | 2006 | REL. ORD 338351 | 141,613.11 | 141,613.11 |
| 2001 | 2006 | REL. ORD 338350 | 1,170,738.09 | 1,170,738.09 |

STEP 1

Start the transaction FB50

- Document and Posting date (Closing month)
- Accounts to post the WIP
- 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.

Document 100000256 was posted in company code 7424

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...)

i 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:

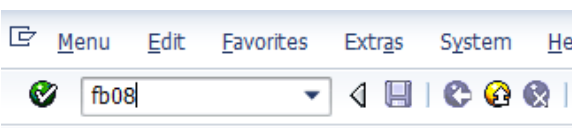
i FB08 - Reserve Document: Initial Screen

i 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**.

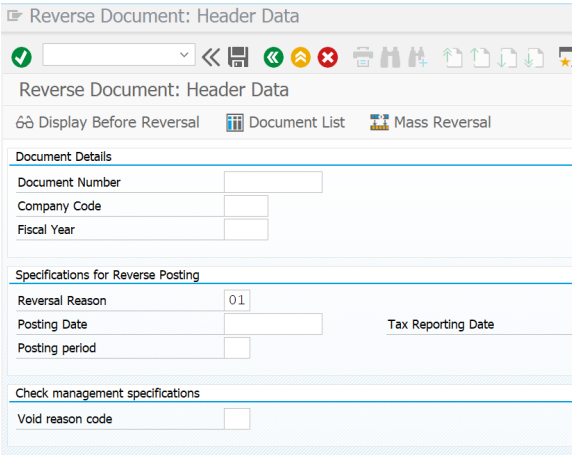
i The system does automatically clear the cancelled items when we use this transaction (FB08).

STEP 2

Enter the transaction name in the SAP command field:




Next screen opens:



Fill in the following fields:

Select the document to be reversed

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

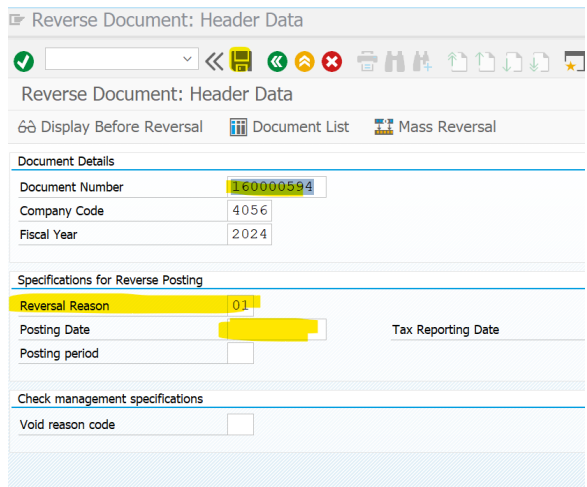
| | |
|-------------------------|---|
| Document number | Document number that has to be cancelled / reverse |
| Company code | Concerned company code |
| Fiscal Year | Is always the current fiscal year |
| Reversal reason | Reverse reason (with the match code) |
| Posting date | Reverse posting date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

STEP 3

Save the reverse document by clicking on 

Enter the barcode if it is required:

- Document
- company code
- period
- reversal reason




The screenshot shows the SAP 'Reverse Document: Header Data' form. It includes a toolbar with navigation icons, a search bar, and several sections: 'Document Details' with fields for Document Number (160000594), Company Code (4056), and Fiscal Year (2024); 'Specifications for Reverse Posting' with fields for Reversal Reason (01), Posting Date, Posting period, and Tax Reporting Date; and 'Check management specifications' with a field for Void reason code.

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 KKAO that give us all orders that are WIP.

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