

MM0x - Material Master Data

There are different clearing possibilities for this transaction:

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", Transaction code "xxxx"
- 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...)

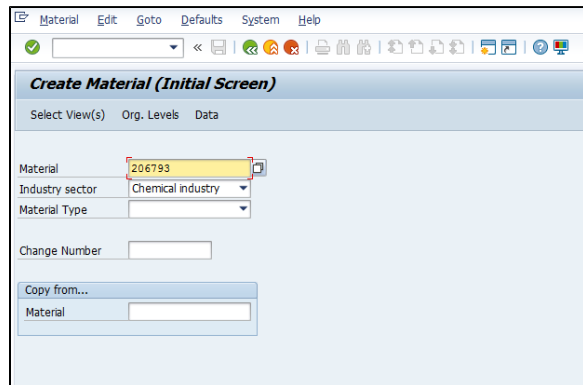
STEP 1

Go to transaction MM01

 MM01 - Create Material: Initial Screen

1. Insert the material number

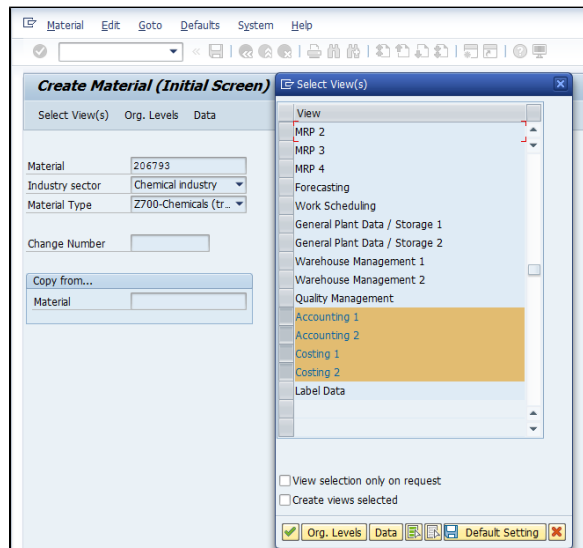
and 



STEP 2

Select Views Accounting 1 and 2 & Costing 1 and 2



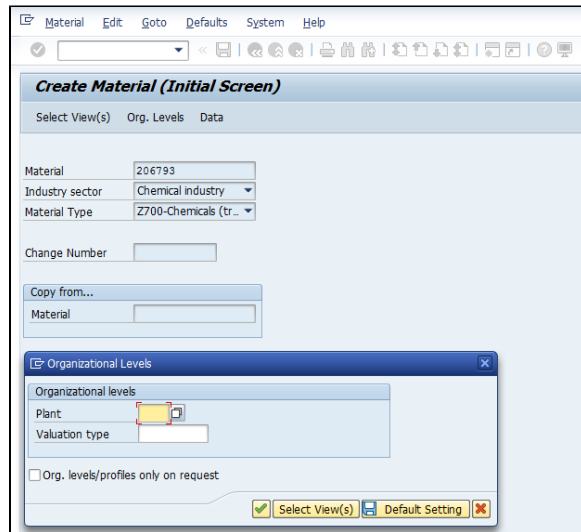


STEP 3

Enter the plant code



and



STEP 4

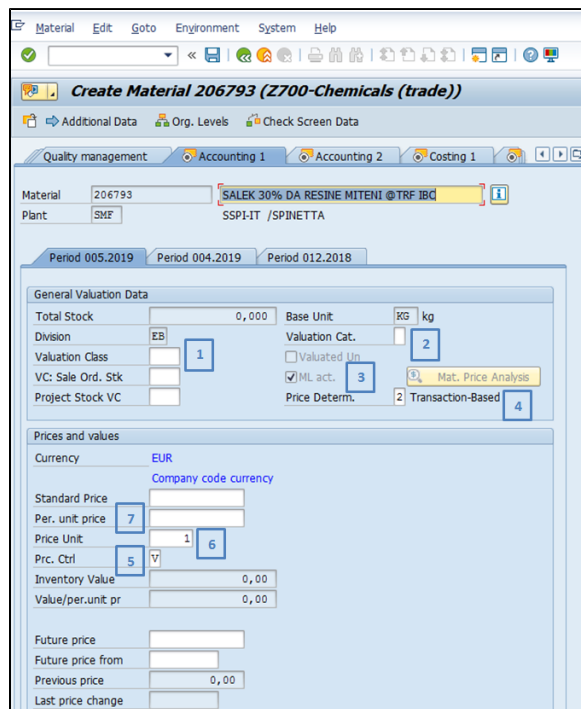
Creation of the Accounting 1 (mandatory fields are marked with *)

Fill the following fields:

1. Valuation Class *
2. Valuation Category - To be used only in the cases where we need to create a specific view "Produced" or "Purchased"
3. ML active *
4. Price Determination *
 - 2 (Transaction-Based)
 - 3 (Single-/Multilevel)
5. Price Control *
 - S (Standard price)
 - V (Moving average price)
6. Price Unit *
 - By default the unit used is 1000
7. Per unit Price (Moving average Price **MAP**)



and



Fill the following fields::

1. Valuation Class *
2. ~~Valuation Category (not relevant for WP4)~~

3. ML active (only relevant for the companies using ML - Brazil + Korea)
4. Price Determination * (only relevant for the plants with ML active. For all the others it should be kept blank)
 - 2 (Transaction-Based)
 - 3 (Single-/Multilevel)
5. Price Control *
 - S (Standard price)
 - V (Moving average price)
6. Price Unit *
 - By default the unit used is 1000
7. Per unit Price (Moving average Price **MAP**)

and 

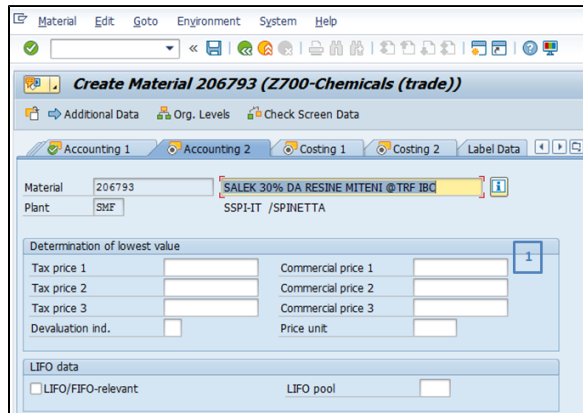
STEP 5

Creation of Accounting 2

1. Commercial Price 1

and 

- *Note: This field is only used for WP1 materials*



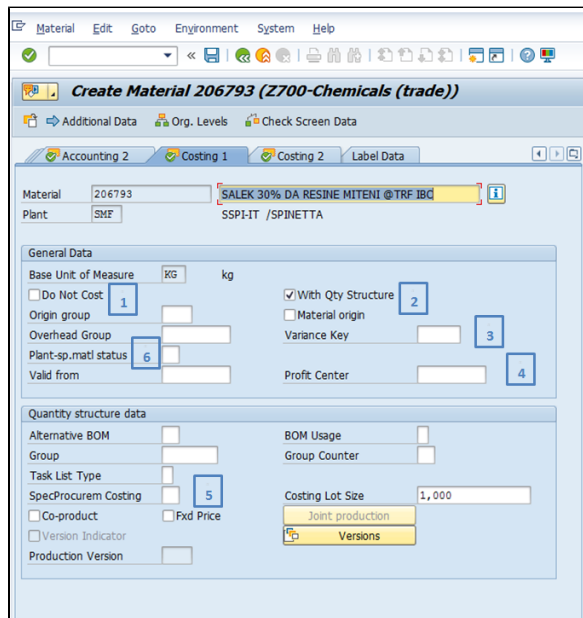
STEP 6

Creation of Costing 1 (mandatory fields are marked with *)

Fill the following fields:

1. Do not cost - Normally this field is flagged only for materials with Valuation class Z101
2. With Qty Structure & Material Origin *
3. ~~Variance Key~~ (not relevant for PF1)
4. Profit Center *

In case it's not given by the controller, please check the rules below to suggest the PC to the controller



STEP 1

Log is in English to start with the creation of the profit center in English.

SAP

✓ [dropdown arrow]

Mandant: 400

Utilisateur: RFC_IDM8

Langue de travail: EN

Start the transaction using the menu path or transaction code

KES3 - Display

- ▼ SAP Menu
 - ▶ Office
 - ▶ Cross-Application Components
 - ▶ Logistics
 - ▼ Accounting
 - ▶ Financial Accounting
 - ▶ Financial Supply Chain Management
 - ▼ Controlling
 - ▶ Cost Element Accounting
 - ▶ Cost Center Accounting
 - ▶ Internal Orders
 - ▶ Activity-Based Costing
 - ▶ Product Cost Controlling
 - ▶ Profitability Analysis
 - ▼ Profit Center Accounting
 - ▼ Master Data
 - ▼ Profit Center
 - ▼ Individual Processing
 - KES1 - Create
 - KES2 - Change
 - **KES3 - Display**
 - KES4 - Delete
 - 6KEA - Display Changes

STEP 2

Enter the code of the profit center and enter

The master data of the profit center is displayed

Display Profit Center

Master Data

Profit Center: **F3HNGBAJX1**

Display Profit Center

Drilldown Analysis Period

General Data

Profit Center: **F3HNGBAJX1**

Controlling Area: CHEF ERP_SOLVAY

Validity Period: 01.12.2015 To 31.12.9999

Basic Data Indicators Company Codes Address Communication History

Descriptions

Profit Center	F3HNGBAJX1	Status	Active
Analysis Period	01.12.2015	to	31.12.9999
Name	73H NGBA 2337V		
Long Text	HF 100% - C.JUAREZ - BULK		

Basic Data

User Responsible: [field]

Person Respons.: X

Department: [field]

Related contents

- Rules - PF2 - Profit Center Reporting codification
- Rules - PF2 - Profit Center Standard hierarchy
- Rules - Profit center Codification
- Rules - Profit Center Group
- Rules - Profit center person responsible

STEP 2

Enter the code of the profit center and enter

The master data of the profit center is displayed

Related contents

- Rules - PF2 - Profit Center Reporting codification
- Rules - PF2 - Profit Center Standard hierarchy
- Rules - Profit center Codification
- Rules - Profit Center Group
- Rules - Profit center person responsible

5. Special Procurement Costing

6. Plant -sp -material status - Make sure that the status "Z1" is applied until the Std Price is released



and

STEP 7

Creation of Costing 2

1. Planned Price



and

- Note: This field is only used for PF1 materials

Then save

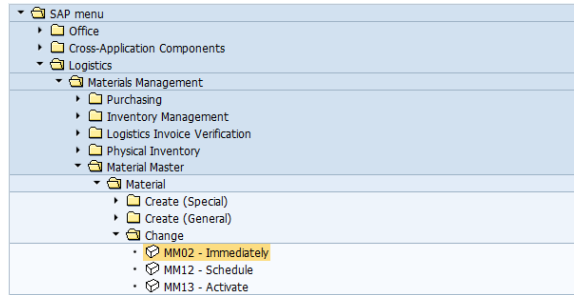
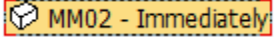


See different possibilities for this transaction:

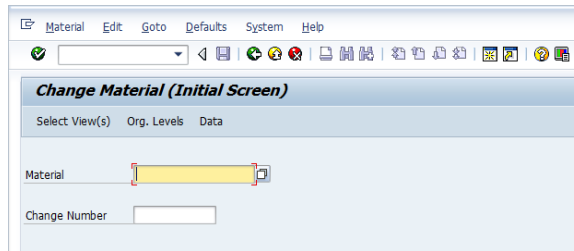
STEP 1

Start the transaction using the menu path or transaction code MM02

Double-click



i Create Material : Initial Screen

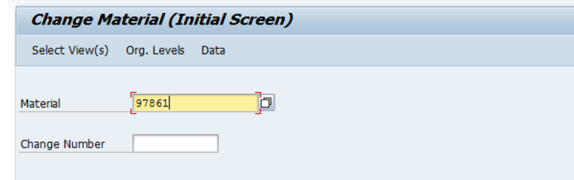


STEP 2

Enter the material code



and

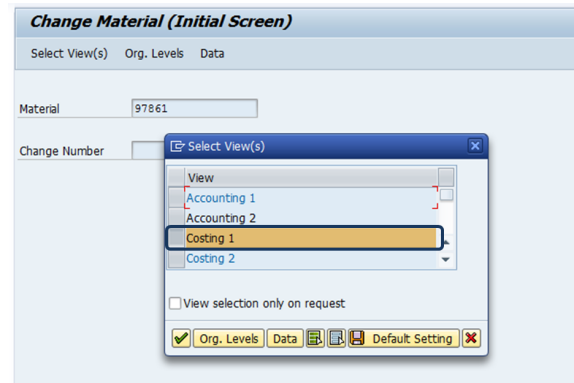


STEP 3

Select the view to be updated



and

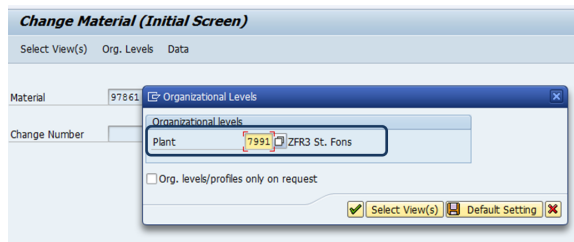


STEP 4

Enter the plant code




and



STEP 5

Perform the changes and save 

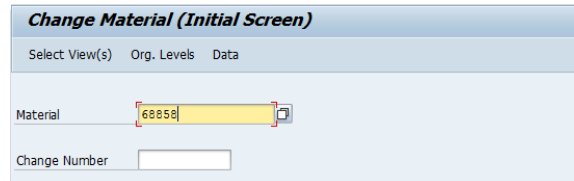
- A message confirms the change

 Material 97861 changed

STEP 1

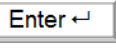
- Use transaction **MM02**
- Enter the material code and

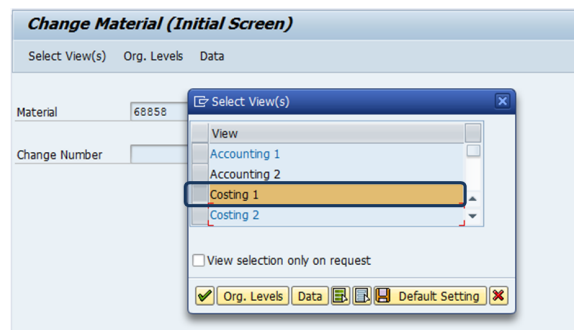




STEP 2

- Select the view "**Costing 1**"

and 

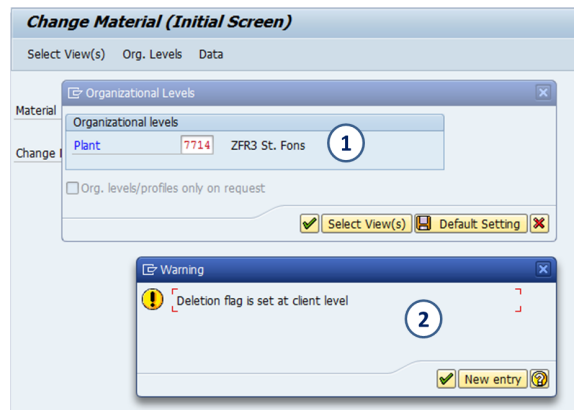


STEP 3

1. Enter the plant code and
2. If there is a warning message "Deletion flag is set at client level" you can skip it and click








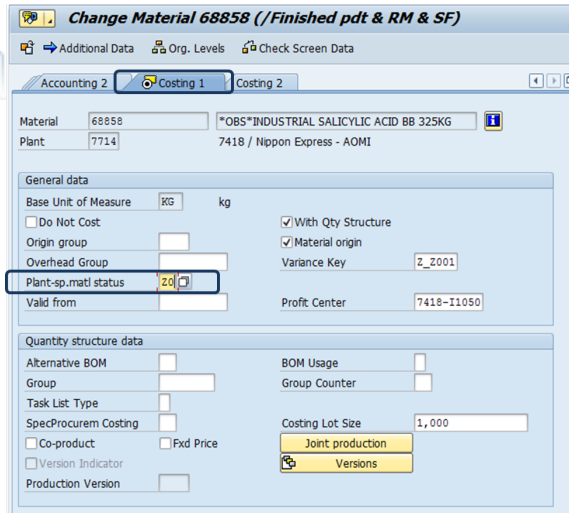
STEP 4

- Enter the status **Z0** in the field Plant-sp.matl status and save



- A message confirms the change

 Material 68858 changed



Change Material 68858 (/ Finished pdt & RM & SF)

Additional Data | Org. Levels | Check Screen Data

Accounting 2 | Costing 1 | Costing 2

Material: 68858 *OBS**INDUSTRIAL SALICYLIC ACID BB 325KG
 Plant: 7714 7418 / Nippon Express - AOMI

General data

Base Unit of Measure: ZG kg
 Do Not Cost
 With Qty Structure
 Origin group:
 Material origin
 Overhead Group:
 Variance Key: 2_Z001
 Plant-sp.matl status: Z0
 Valid from:
 Profit Center: 7418-II050

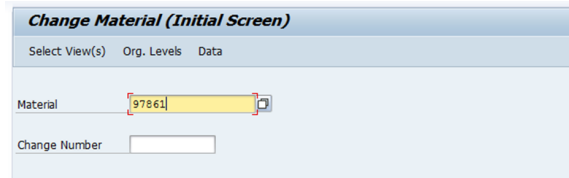
Quantity structure data

Alternative BOM:
 Group:
 Task List Type:
 SpecProcurem Costing:
 Co-product Fxd Price
 Version Indicator
 Production Version:
 BOM Usage:
 Group Counter:
 Costing Lot Size: 1,000
 Joint production
 Versions

STEP 1

- Use transaction **MM02**
- Enter the material code and

Enter ↵



Change Material (Initial Screen)

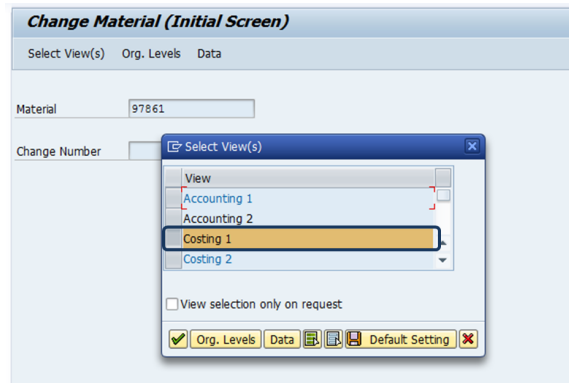
Select View(s) | Org. Levels | Data

Material: 97861
 Change Number:

STEP 2

- Select the view **"Costing 1"**

and Enter ↵



Change Material (Initial Screen)

Select View(s) | Org. Levels | Data

Material: 97861
 Change Number:

Select View(s) Dialog:

- View
- Accounting 1
- Accounting 2
- Costing 1**
- Costing 2

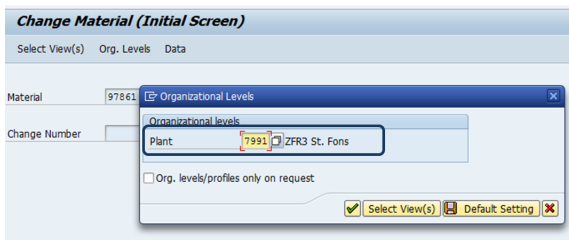
View selection only on request

Org. Levels | Data | Default Setting

STEP 3

- Enter the plant code and

Enter ↵



Change Material (Initial Screen)

Select View(s) | Org. Levels | Data

Material: 97861
 Change Number:

Organizational Levels Dialog:

Plant: 7991 ZFR3 St. Fons

Org. levels/profiles only on request

Select View(s) | Default Setting

STEP 4

- Enter the status **Z1** in the field Plant-sp.matl status and save



- A message confirms the change

Material 97861 changed

Change Material 97861 (/Finished pdt & RM & SF)

Additional Data | Org. Levels | Check Screen Data

Accounting 2 | Costing 1 | Costing 2

Material: 97861 SILICATE 3.2 SS 1000 KG BB PL1.07X1.10 M
 Plant: 7991 ZVE1 Barquisimeto

General data

Base Unit of Measure: KG kg
 Do Not Cost
 With Qty Structure
 Origin group:
 Material origin
 Overhead Group:
 Variance Key: Z_2001
 Plant-sp.matl status: Z1
 Valid from:
 Profit Center: ZVE1-I0422

Quantity structure data

Alternative BOM:
 BOM Usage:
 Group:
 Group Counter:
 Task List Type:
 Costing Lot Size: 1,000
 Co-product Fix Price
 Version Indicator
 Production Version:

STEP 1

- Use transaction **MM02**
- Enter the material code and

Enter ↵

Change Material (Initial Screen)

Select View(s) | Org. Levels | Data

Material: 97861
 Change Number:

STEP 2

- Select the view **"Costing 1"**

and Enter ↵

Change Material (Initial Screen)

Select View(s) | Org. Levels | Data

Material: 97861
 Change Number:

Select View(s) Dialog:

- View
- Accounting 1
- Accounting 2
- Costing 1**
- Costing 2

View selection only on request

Org. Levels | Data | Default Setting

STEP 3

- Enter the plant code and

Enter ↵

Change Material (Initial Screen)

Select View(s) | Org. Levels | Data

Material: 97861
 Change Number:



Organizational Levels Dialog:

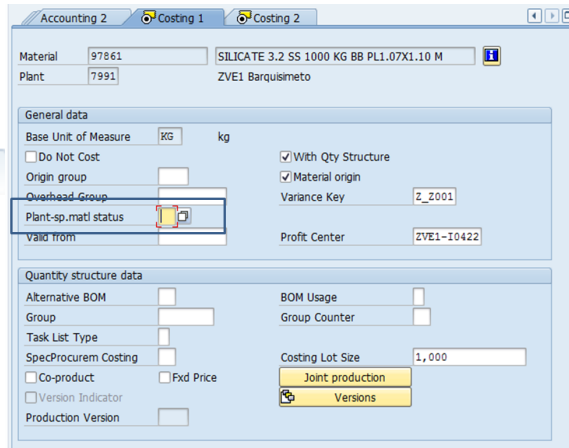
Plant: 7991 | ZFR3 St. Fons

Org. levels/profiles only on request

Select View(s) | Default Setting




STEP 4

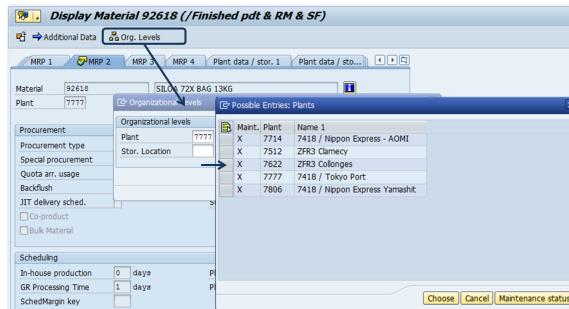
- Remove the status **Z1** in the field Plant-sp.matl status and save 
- A message confirms the change  **Material 97861 changed**



See different possibilities for this transaction:

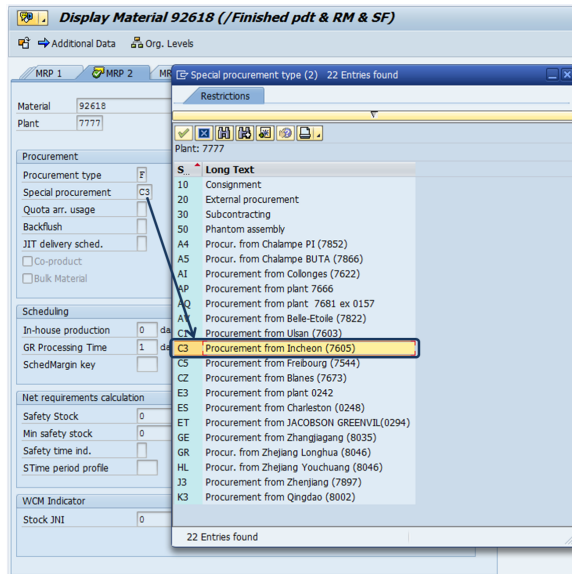
STEP 1

- Use transaction **MM03** 
- Click  **Org. Levels** to display the organization level and click  beside the plant code
- The list of plants is displayed => The material code 92618 exists in 5 plants
- If the material 92618 is not produced in the plant 7777 is can be procured externally or in another plant in WP1 listed below :
 - 7512 ZFR3 Clamecy
 - 7622 ZFR3 Collonges
 - 7714 7418 / Nippon Express - AOMI
 - 7806 7418 / Nippon Express Yamashit



STEP 2

- The existing procurement code **C3** should be removed or replaced as it refers to a plant 7605 Incheon in which the material code 92618 was not created



STEP 1

- Use transaction **MM03**
- Enter the material code and

Enter ↵

Display Material (Initial Screen)

Select View(s) Org. Levels Data

Material 33082

STEP 2

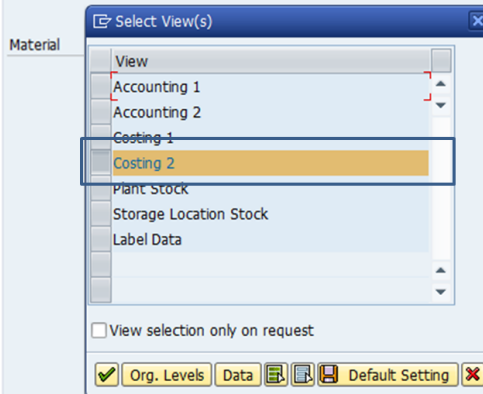
- Select the view "Costing 2"

and

Enter ↵

Display Material (Initial Screen)

Select View(s) Org. Levels Data



STEP 3

- Enter the plant code and

Enter ↵

Display Material (Initial Screen)

Select View(s) Org. Levels Data



STEP 4

- When the cost estimate is marked, it becomes the Future Cost estimate

The screenshot shows the SAP Costing 2 interface for material 33082 at plant 7822. The 'Standard Cost Estimate' section has three tabs: 'Future', 'Current', and 'Previous'. The 'Future' tab is selected and highlighted with a blue box. The 'Period / Fiscal Year' is 9 2015. The 'Planned price' is 2,014.08. The 'Valuation Data' section shows 'Valuation Class' 2130, 'Price Control' S, 'Price Unit' 1,000, and 'Moving price' 2,014.08.

STEP 5

- When the cost estimate is released, it becomes the Current Cost estimate

The screenshot shows the SAP Costing 2 interface for material 33082 at plant 7822. The 'Standard Cost Estimate' section has three tabs: 'Future', 'Current', and 'Previous'. The 'Current' tab is selected and highlighted with a blue box. The 'Period / Fiscal Year' is 9 2015. The 'Planned price' is 0.00. The 'Standard price' is 2,014.08. The 'Valuation Data' section shows 'Valuation Class' 2130, 'Price Control' S, 'Price Unit' 1,000, and 'Moving price' 2,014.08.

STEP 1

- Use transaction **MM03**
- Enter the material code and

Enter ↵

The screenshot shows the 'Display Material (Initial Screen)' in SAP. The 'Material' field contains the value 92618. The screen title is 'Display Material (Initial Screen)' and it includes options for 'Select View(s)', 'Org. Levels', and 'Data'.

STEP 2

- Select the view "MRP2" and

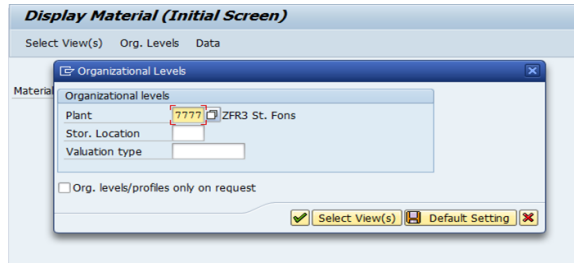
Enter ↵

The screenshot shows the 'Display Material (Initial Screen)' in SAP with a 'Select View(s)' dialog box open. The dialog box lists several views: 'View', 'MRP 1', 'MRP 2', 'MRP 3', 'MRP 4', 'General Plant Data / Storage 1', and 'General Plant Data / Storage 2'. The 'MRP 2' view is selected and highlighted. The dialog box also includes a checkbox for 'View selection only on request' and buttons for 'Org. Levels', 'Data', 'Default Setting', and a close button.

STEP 3

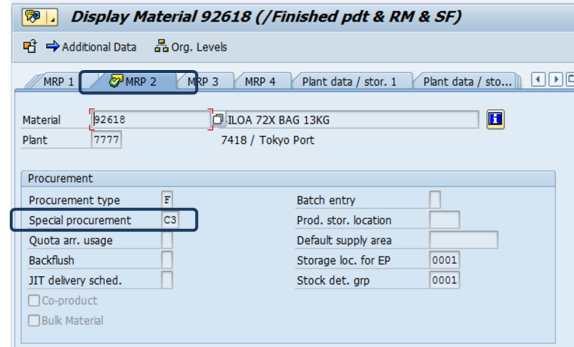
- Enter the plant code and

Enter ↵




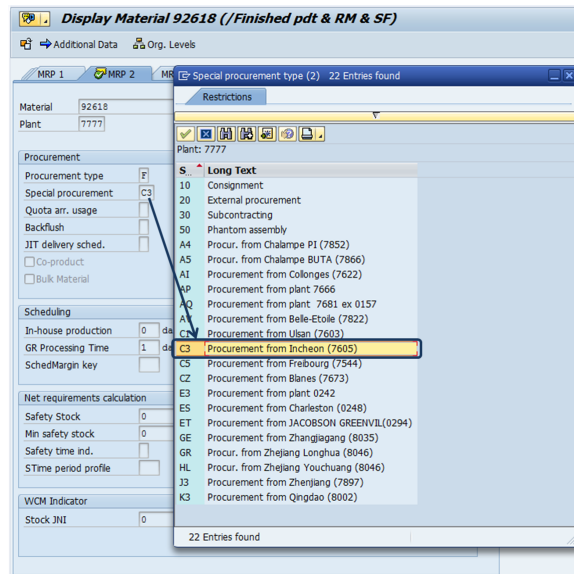
STEP 4

- The special procurement code is C3



STEP 5

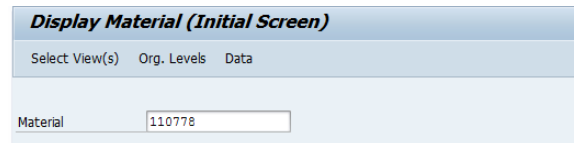
- Click on the code and  to have the description of the code
- The code C3 means that the material 92618 comes from the plant 7605 Incheon



STEP 1

- Use transaction MM03
- Enter the material code and

Enter ↵

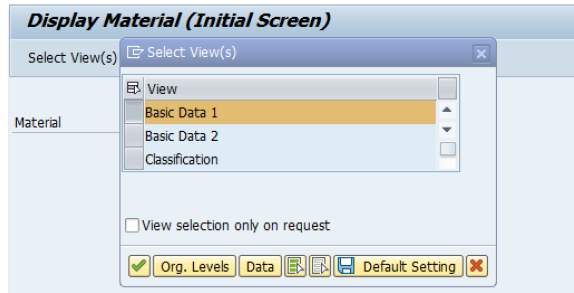


STEP 2

- Select the view "Basic data 1"

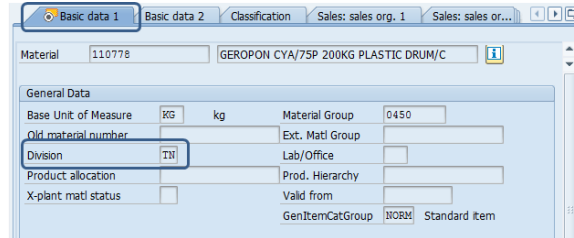
Enter ↵

and




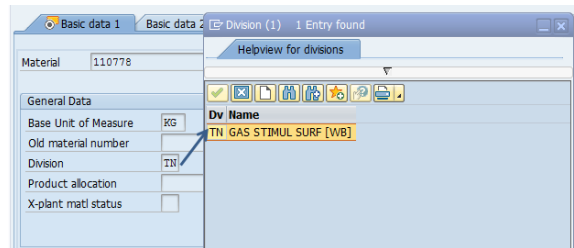
STEP 3

- The division code is **TN**



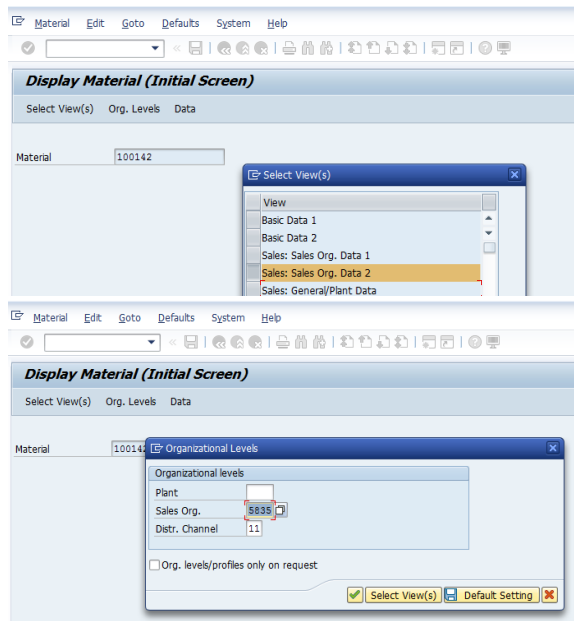
STEP 4

- Click on the code and  to have the description of the code
- The code **TN** means that the material 110778 is included in a group of similar products "GAS STIMUL SURF [WB]"



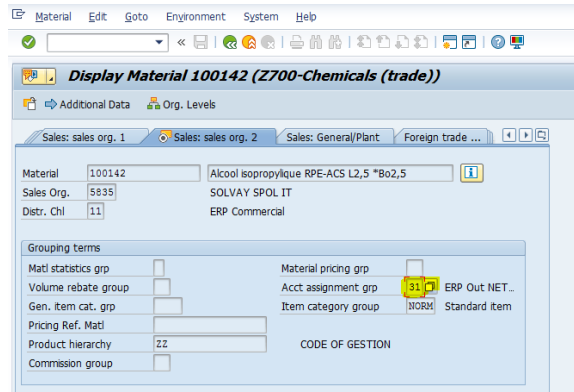
STEP 1

Display the material master data of any code with MM03 and select its sales organization)



STEP 2

Click on the Sales org 2



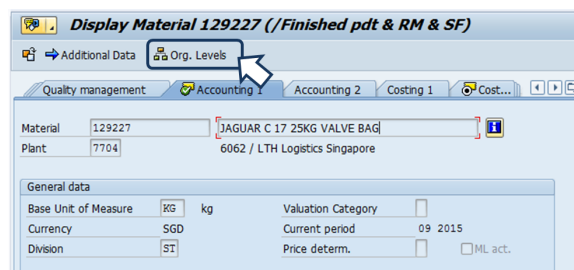
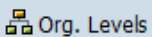
Workflow history

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

Jul 21, 2016	Actor	Type	Activity	Version
Published	Antonio Sanchez	Edit	updated the page at 9:58 am	
		Edit	created the page at 9:51 am	
		State	changed state to Published at 8:01 am	v2
To be approved	Antonio Sanchez	State	gave <i>Approvers</i> approval at 8:01 am	
			<i>it is probably the best flow i have ever seen</i>	
	ROLLIER, Charlotte	State	assigned approval <i>Approvers</i> to Antonio Sanchez at 8:00 am	
		State	changed expiry date to '26 Jul, 2016 07:59 am' at 7:59 am	
		State	changed state to To be approved at 7:59 am	v2
For Review	ROLLIER, Charlotte	State	gave <i>Reviewers</i> approval at 7:59 am	
	Antonio Sanchez	State	assigned approval <i>Reviewers</i> to ROLLIER, Charlotte at 7:58 am	
			<i>please review this</i>	
		State	changed expiry date to '26 Jul, 2016 07:58 am' at 7:58 am	
		State	changed state to For Review at 7:58 am	v2

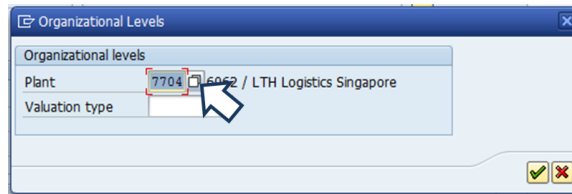
STEP 1

Display the material master data of any code with MM03 and click on



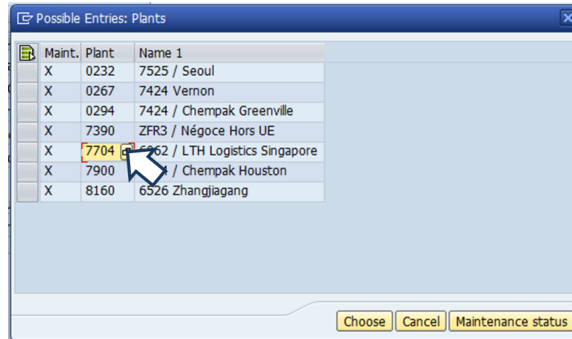
STEP 2

Click on the button beside the plant code



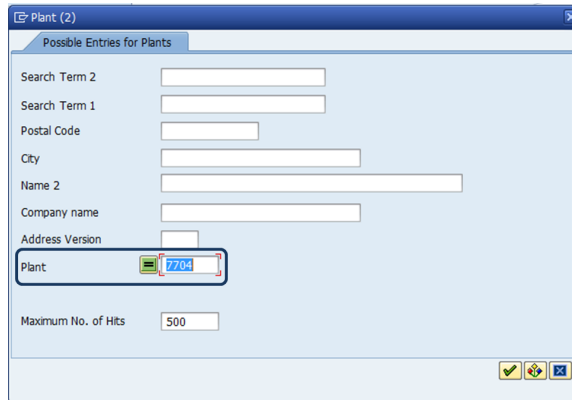
STEP 3

Click on the button beside any plant code



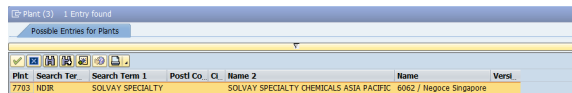
STEP 4

Fill possible entries depending on your need




STEP 5




 The plant type of 7703 is **NDIR**



Workflow history

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

Mar 31, 2020	Actor	Type	Activity	Version
	 Cátia Pinto	State	changed state to Published at 7:54 am	v10

Draft	 Cátia Pinto	State	gave <i>Approvers</i> approval at 7:54 am	
<hr/>				
May 31, 2019				
	 Joana Tavares	Edit	updated the page at 10:48 am	
		State	assigned approval <i>Approvers</i> to  Cátia Pinto at 8:51 am	
			<i>Cátia could you please publish this page? MM01 - Create Material has been replaced by a new page and consequently this page had to be updated. Thanks!</i>	
		State	changed state to Draft at 8:48 am	v10
<hr/>				
Jun 13, 2016				
Published	Sylvain Michel Alexandre Pingont	State	changed state to Published at 2:02 pm (Space Initialization)	v9
Draft	Sylvain Michel Alexandre Pingont	State	gave <i>Approvers</i> approval at 2:02 pm	
		State	changed state to Draft at 2:02 pm	v9