

# 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...)

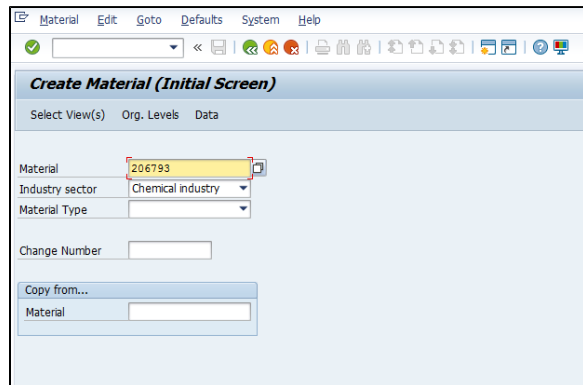
STEP 1

Go to transaction MM01

 MM01 - Create Material: Initial Screen

1. Insert the material number

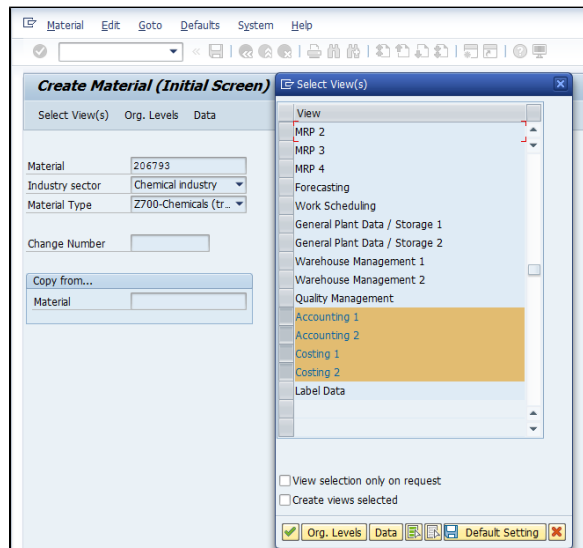
and 



STEP 2

Select Views Accounting 1 and 2 & Costing 1 and 2



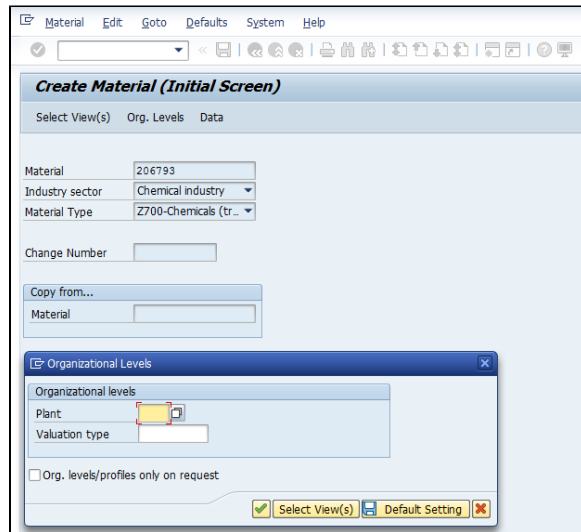


STEP 3

Enter the plant code



and



STEP 4

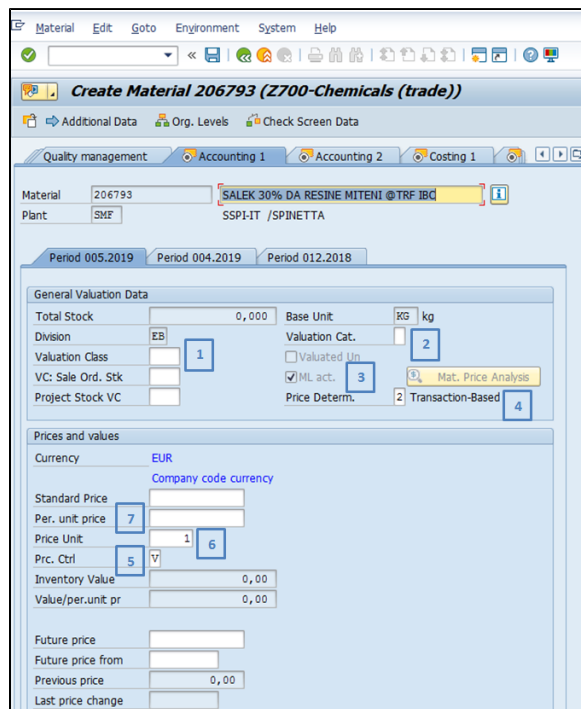
Creation of the Accounting 1 (mandatory fields are marked with \*)

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 WP1)~~

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 

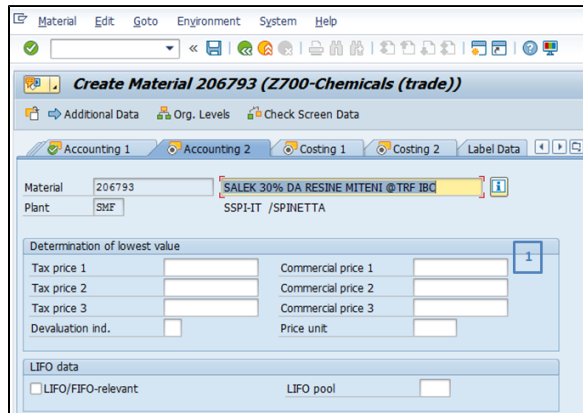
**STEP 5**

**Creation of Accounting 2**

1. Commercial Price 1

and 

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



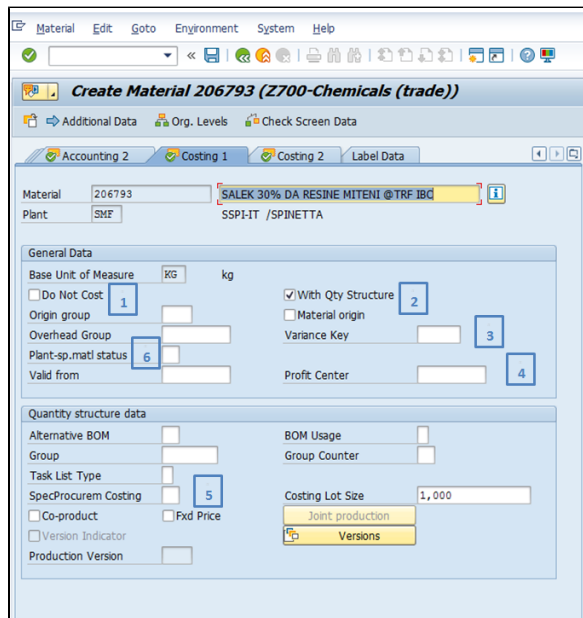
**STEP 6**

**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

5. Special Procurement Costing
6. Plant -sp -material status - If necessary to block the material for some reason

and 

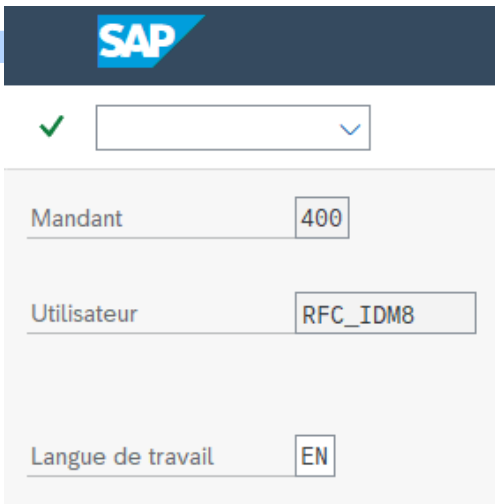
Fill the following fields:

1. Do not cost - Only when requested
2. With Qty Structure & Material Origin \*
3. Variance Key - Mandatory to use Z\_Z001 for all finished goods produced
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**

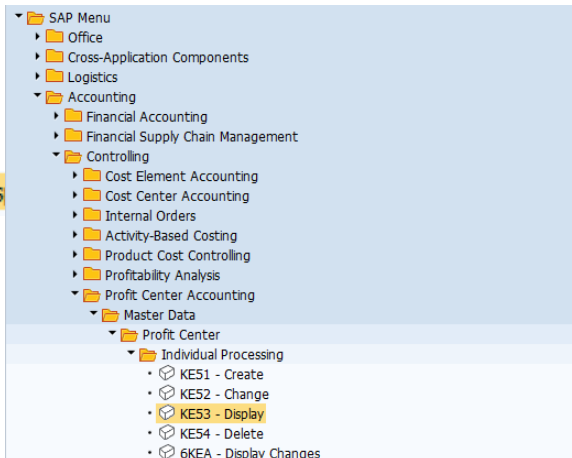
**Log is in English to start with the creation of the profit center in English.**



The screenshot shows the SAP login interface. At the top, there is a blue bar with the SAP logo and a 'STEP 1' indicator. Below this, there is a green checkmark and a dropdown menu. The main area contains three input fields: 'Mandant' with the value '400', 'Utilisateur' with the value 'RFC\_IDM8', and 'Langue de travail' with the value 'EN'.

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

 **KES3 - Dis**



The screenshot shows the SAP menu structure. The path is: SAP Menu > Accounting > Controlling > Profit Center Accounting > Master Data > Profit Center > Individual Processing > KES3 - Display. The 'KES3 - Display' option is highlighted in yellow.

- 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

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

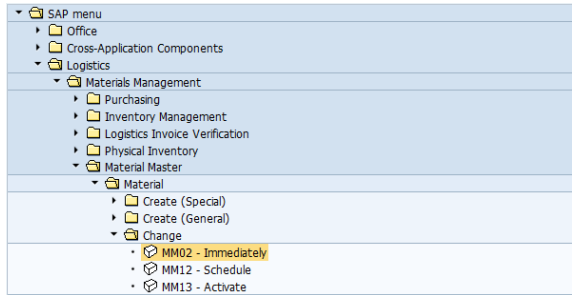
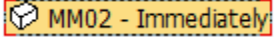


See different possibilities for this transaction:

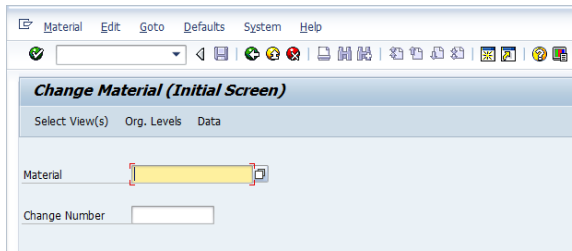
**STEP 1**

Start the transaction using the menu path or transaction code MM02

Double-click



**i** Create Material : Initial Screen

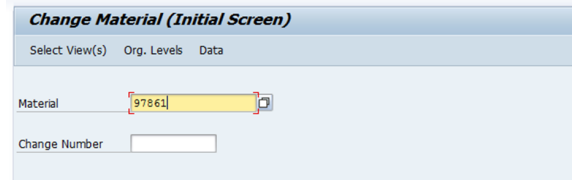


**STEP 2**

Enter the material code



and

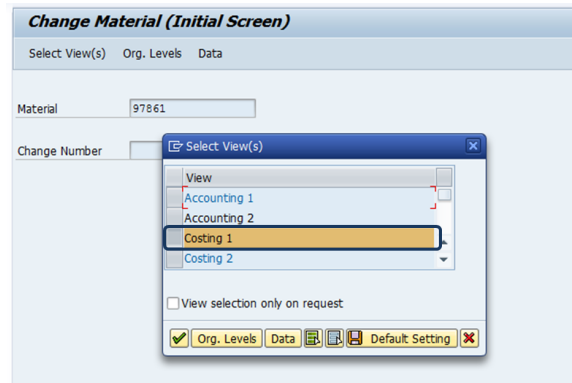


**STEP 3**

Select the view to be updated



and

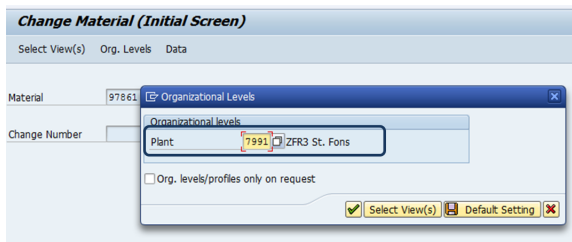


**STEP 4**

Enter the plant code




and



STEP 5

Perform the changes and save 

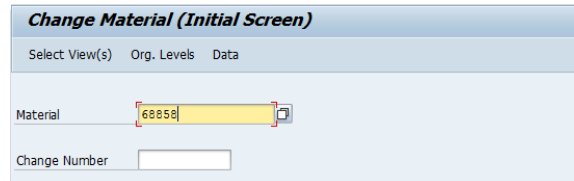
- A message confirms the change

 **Material 97861 changed**

STEP 1

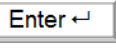
- Use transaction **MM02**
- Enter the material code and

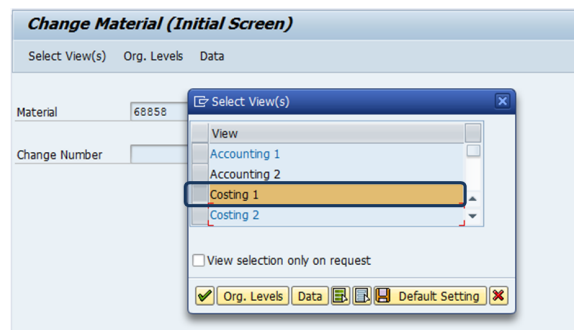




STEP 2

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

and 

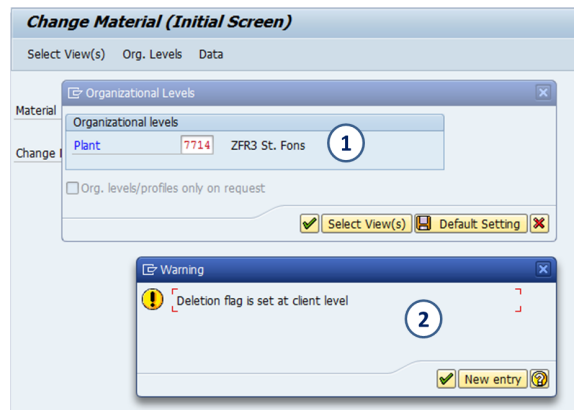


STEP 3

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 | Profit Center: 7418-II050  
 Valid from: |

**Quantity structure data**

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

- 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:   
 SpecProcurement Costing:  Costing Lot Size: 1,000  
 Co-product  Fix Price  Joint production  
 Version Indicator  Versions  
 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)**

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**

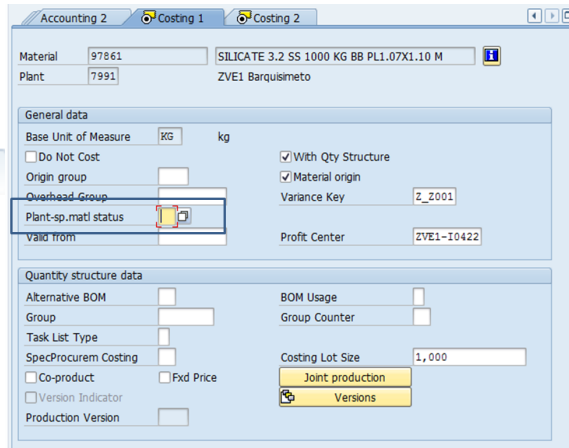
Plant: **7991** | ZFR3 St. Fons

Org. levels/profiles only on request

Select View(s) | Default Setting




**STEP 4**

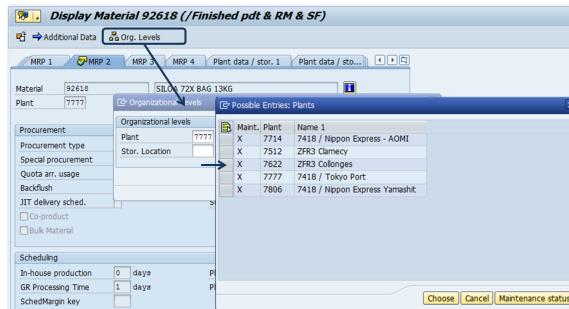
- Remove the status **Z1** in the field Plant-sp.matl status and save 
- A message confirms the change  **Material 97861 changed**



See different possibilities for this transaction:

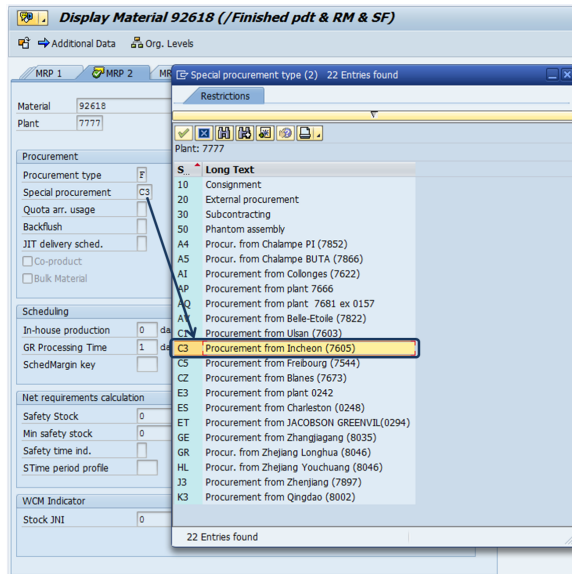
**STEP 1**

- 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

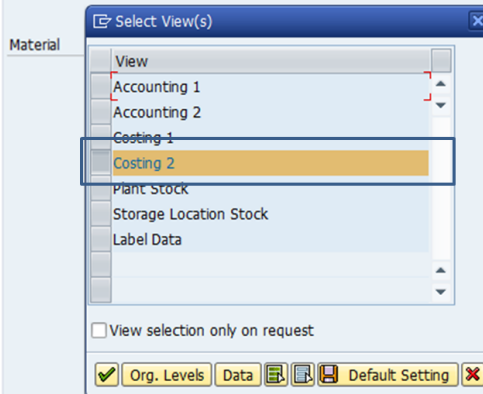
- Select the view "Costing 2"

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 border. The 'Period / Fiscal Year' is set to 9 2015. The 'Planned price' is 2,014.08, and the 'Standard price' is 0.00. The 'Valuation Data' section shows a 'Moving price' of 2,014.08 and a 'Standard price' of 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 border. The 'Period / Fiscal Year' is set to 9 2015. The 'Planned price' is 0.00, and the 'Standard price' is 2,014.08. The 'Valuation Data' section shows a 'Moving price' of 2,014.08 and a 'Standard price' of 2,014.08.

STEP 1

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

Enter ↵

The screenshot shows the 'Display Material (Initial Screen)' in SAP MM03. The material code '92618' is entered in the 'Material' field.

STEP 2

- Select the view "MRP2" and

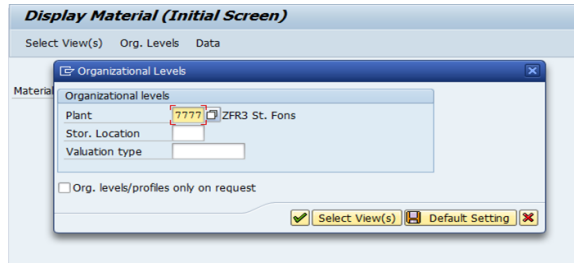
Enter ↵

The screenshot shows the 'Display Material (Initial Screen)' in SAP MM03. A 'Select View(s)' dialog box is open, showing a list of 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 has a 'View selection only on request' checkbox and buttons for 'Org. Levels', 'Data', 'Default Setting', and a close button.

STEP 3

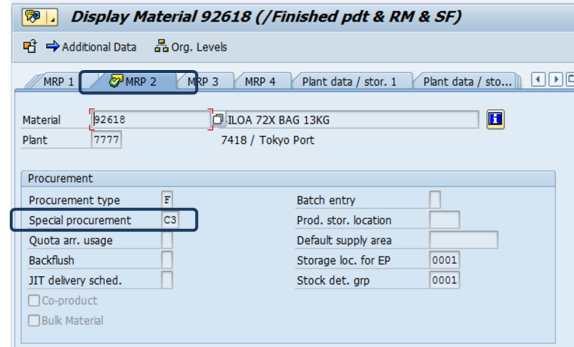
- Enter the plant code and

Enter ↵




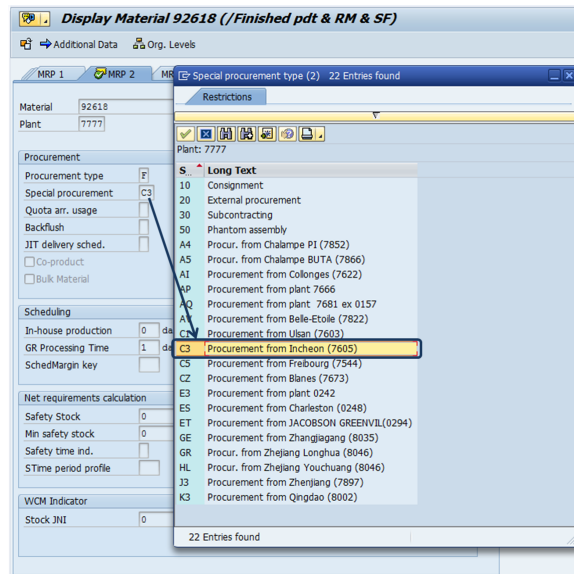
STEP 4

- The special procurement code is C3



STEP 5

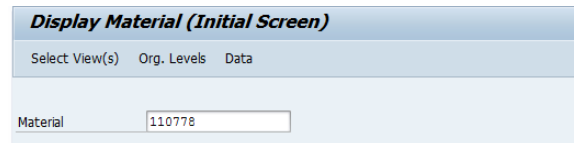
- Click on the code and  to have the description of the code
- The code C3 means that the material 92618 comes from the plant 7605 Incheon



STEP 1

- Use transaction MM03
- Enter the material code and

Enter ↵

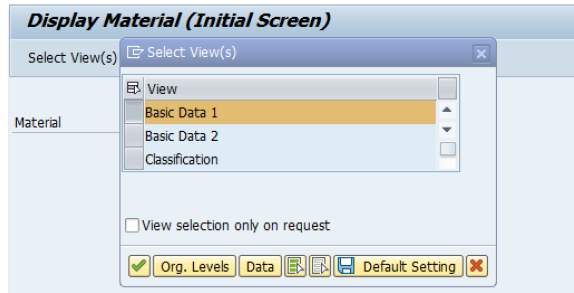


STEP 2

- Select the view "Basic data 1"

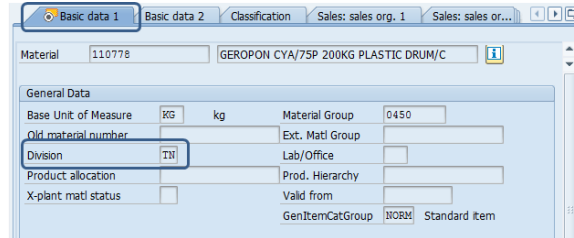
Enter ↵

and




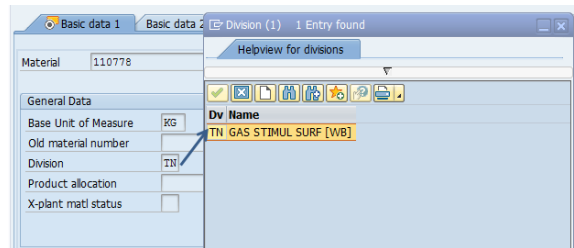
**STEP 3**

- The division code is **TN**



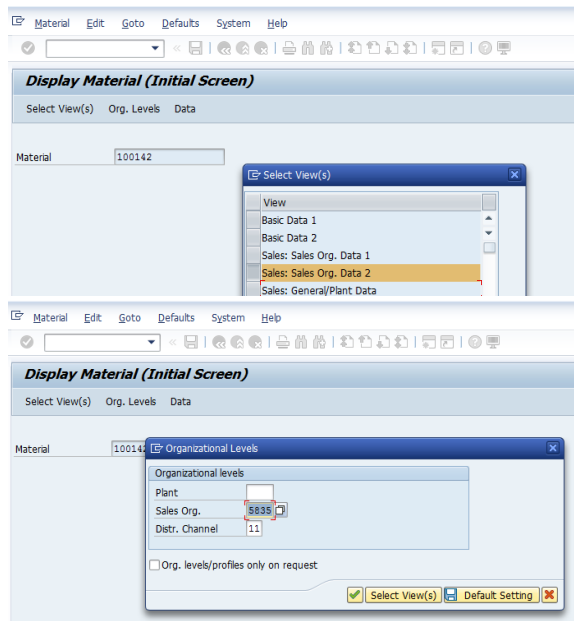
**STEP 4**

- 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]"



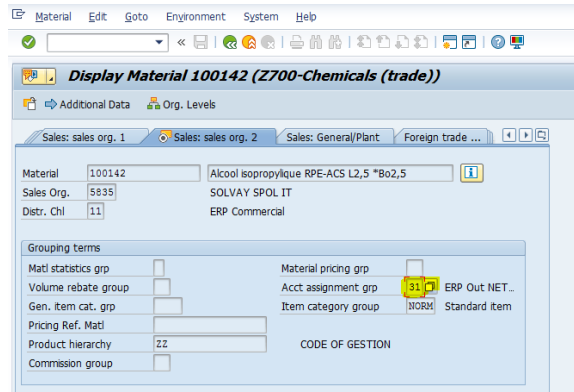
**STEP 1**

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



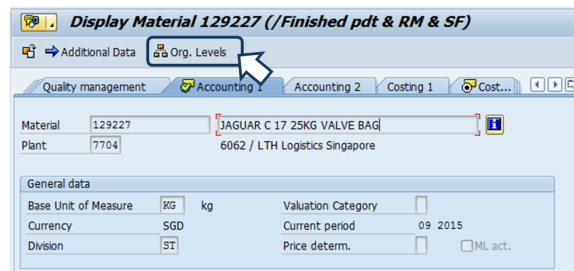
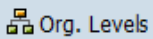
STEP 2

Click on the Sales org 2



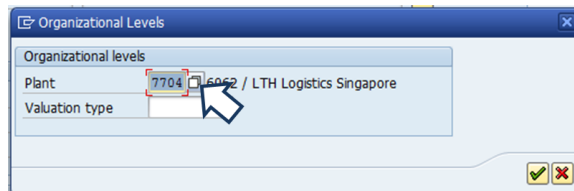
STEP 1

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



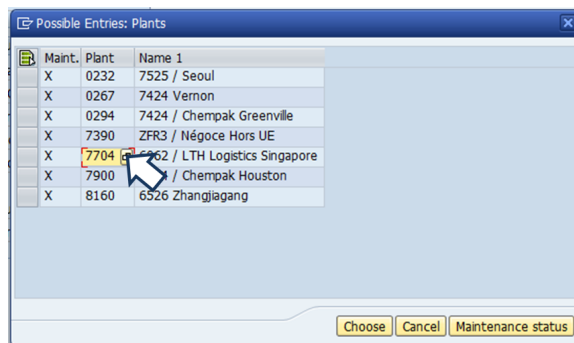
STEP 2

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

Plant (2)

Possible Entries for Plants

Search Term 2

Search Term 1

Postal Code

City

Name 2

Company name

Address Version

Plant

Maximum No. of Hits

STEP 5



The plant type of 7703 is **NDIR**

Plant (3) 1 Entry found

Possible Entries for Plants

Plnt	Search Ter	Search Term 1	Postl Co	Cl	Name 2	Name	Verst
7703	NDIR	SOLVAY SPECIALTY			SOLVAY SPECIALTY CHEMICALS ASIA PACIFIC	6662 / Negoce Singapore	