

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...)

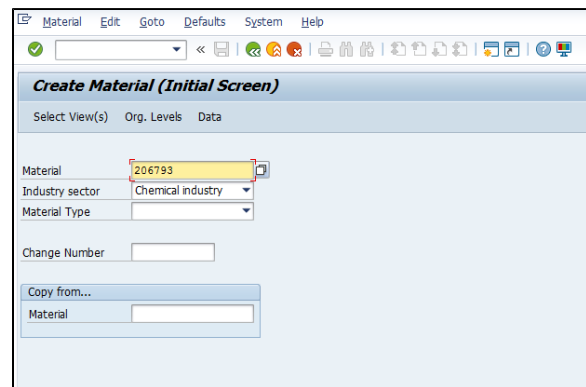
STEP 1

Go to transaction MM01

 MM01 - Create Material: Initial Screen

1. Insert the material number

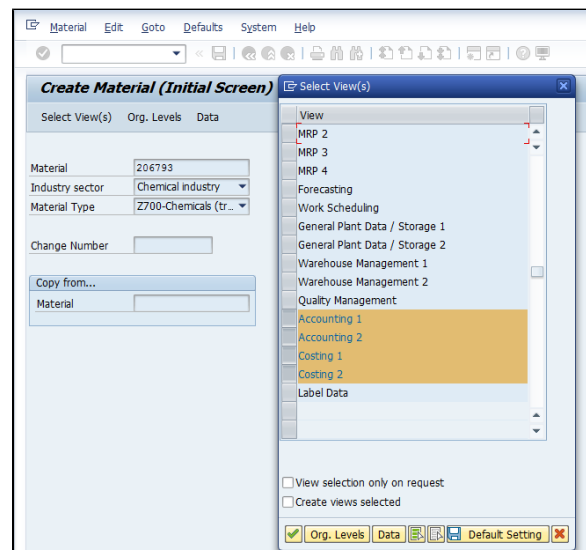
and 



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 

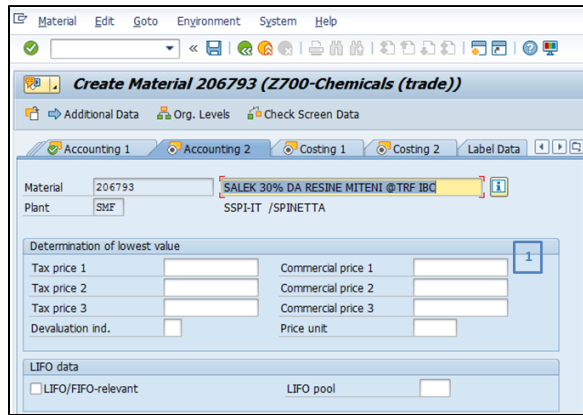
STEP 5

Creation of Accounting 2

1. Commercial Price 1

and 

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



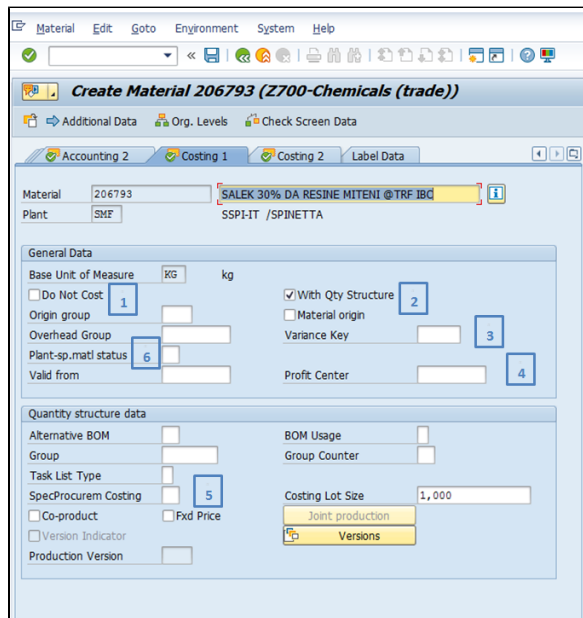
STEP 6

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

✓

Mandant

400

Utilisateur

RFC_IDM8

Langue de travail

EN

Start the transaction using the menu path or transaction code

 **KE53 - Display Profit Center**

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

F3HNGBAXM1

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

Display Profit Center

Drilldown

Analysis Period

General Data

Profit Center

F3HNGBAXM1

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

F3HNGBAXM1

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

Person Respons.

X

Department

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.



✓

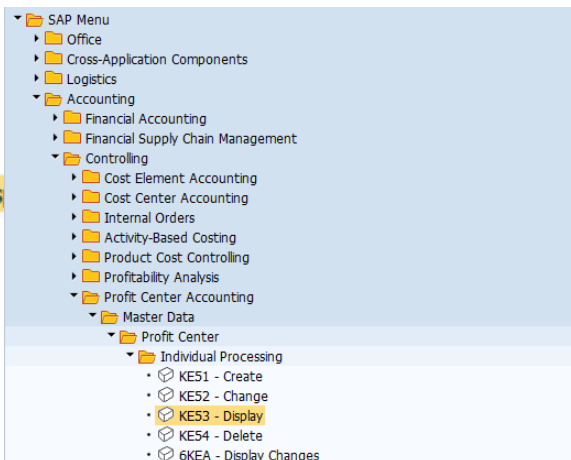
Mandant

Utilisateur

Langue de travail

Start the transaction using the menu path or transaction code

 **KES3 - Display**



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

Display Profit Center

Master Data

Profit Center

Display Profit Center

Drilldown Analysis Period

General Data

Profit Center Controlling Area ERP SOLVAY
Validity Period To

Basic Data Indicators Company Codes Address Communication History

Descriptions

Profit Center Status
Analysis Period to
Name
Long Text

Basic Data

User Responsible
Person Respons.
Department

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*

Create Material 206793 (Z700-Chemicals (trade))

Additional Data Org. Levels Check Screen Data

Costing 1 Costing 2 Label Data

Material SALEK 30% DA RESINE MITENI @TRF IBC
Plant SSPJ-IT /SPINETTA

Standard Cost Estimate

Cost Estimate	Future	Current	Previous
Period / Fiscal Year	0	0	0
Planned price	0,00	0,00	0,00
Standard price	0,00	0,00	0,00

Planned prices

Planned price	Planned price date
Planned price 1	Planned price date 1
Planned price 2	Planned price date 2
Planned price 3	Planned price date 3

Valuation Data

Valuation Class Z100	Valuation Category
VC: Sales order stk	Proj. stk val. class
Price Control V	Current period 5 2019
Price Unit 1	Currency EUR
Moving price	Standard price

Then save



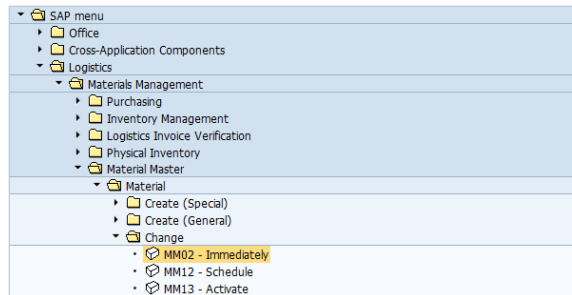
See different possibilities for this transaction:

STEP 1

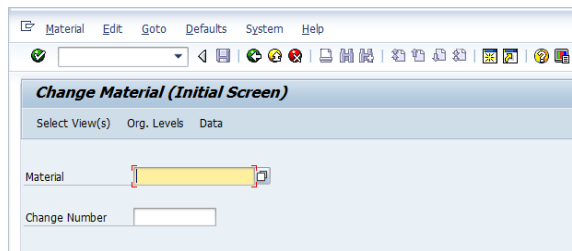
Start the transaction using the menu path or transaction code MM02

Double-click

 **MM02 - Immediately**



Create Material : Initial Screen

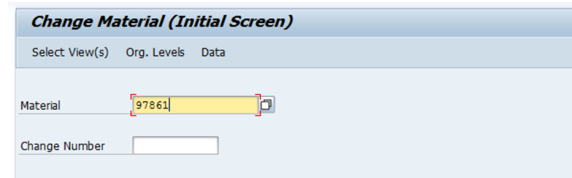


STEP 2

Enter the material code

 **Enter** 

and

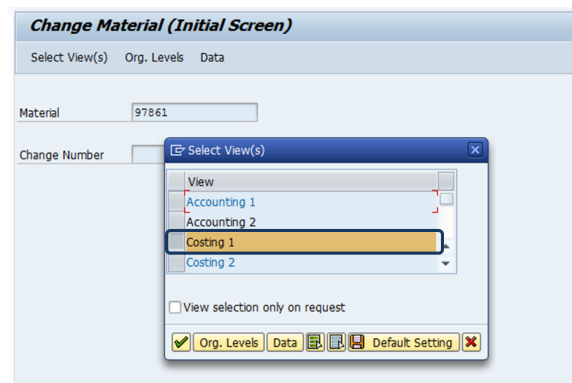


STEP 3

Select the view to be updated

 **Enter** 

and

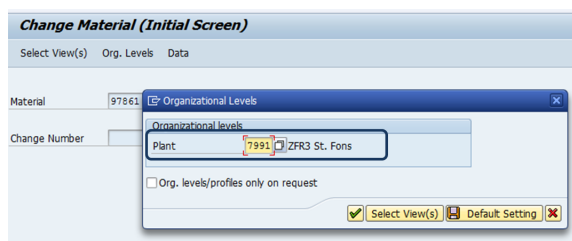


STEP 4

Enter the plant code

 **Enter** 

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

Enter ↵

Change Material (Initial Screen)

Select View(s) Org. Levels Data

Material

Change Number

STEP 2

- Select the view "Costing 1"

and Enter ↵

Change Material (Initial Screen)

Select View(s) Org. Levels Data

Material

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

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

Enter ↵

Enter ↵

Change Material (Initial Screen)

Select View(s) Org. Levels Data

Material

Change Number

Organizational Levels

Organizational levels

Plant ZFR3 St. Fons **1**

☐ Org. levels/profiles only on request

☒ Select View(s) ☐ Default Setting

Warning

Deletion flag is set at client level **2**

☒ New entry

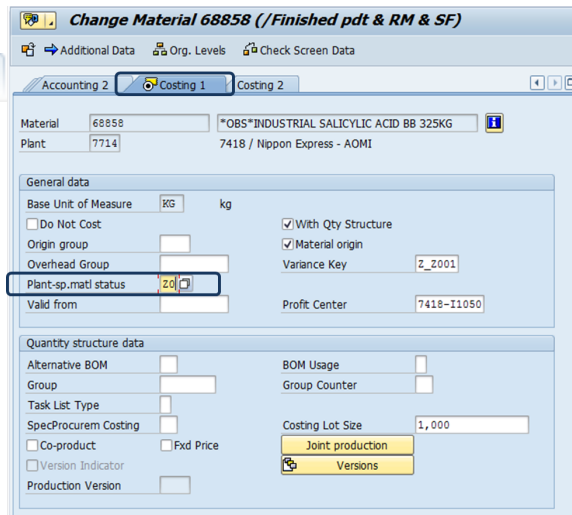
STEP 4

- 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: RIG kg
☐ Do Not Cost ☒ With Qty Structure
Origin group: ☒ Material origin
Overhead Group: Variance Key: Z_2001
Plant-sp.matl status: Z0
Valid from: Profit Center: 7418-I1050

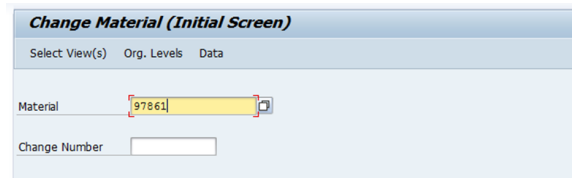
Quantity structure data

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

STEP 1

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

Enter ↵



Change Material (Initial Screen)

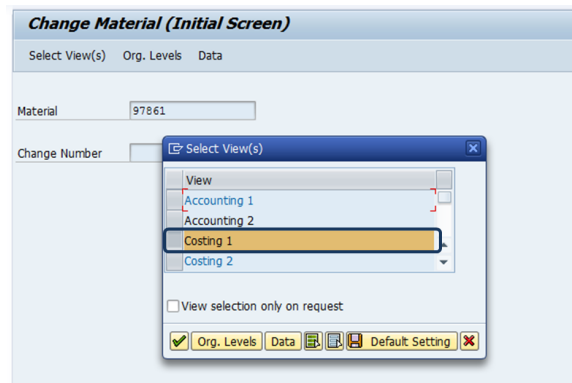
Select View(s) Org. Levels Data

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

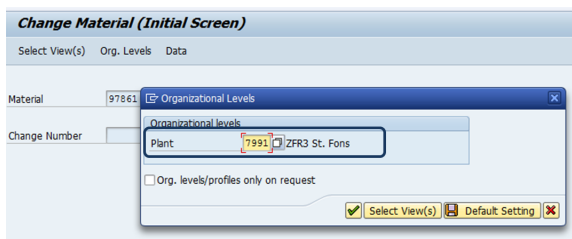
☐ View selection only on request

☒ 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

- 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 20G 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 ☐ Fixd 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)

View
Accounting 1
Accounting 2
Costing 1
Costing 2

☐ View selection only on request

☒ Org. Levels ☐ Data

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

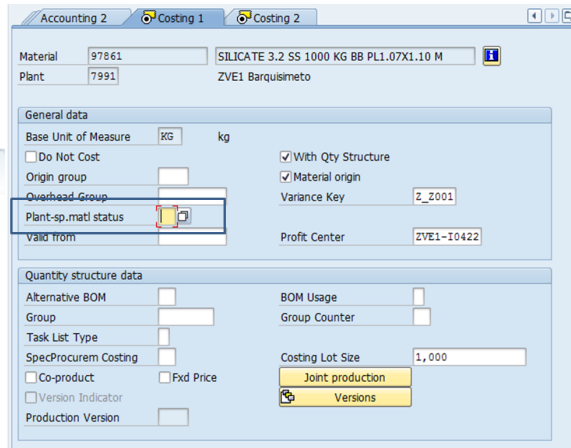
☐ Org. levels/profiles only on request

☒ Select View(s)

STEP 4

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

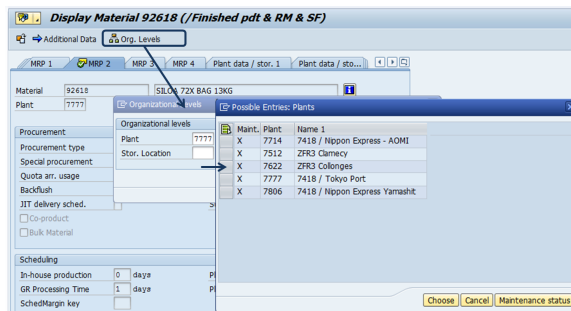
 **Material 97861 changed**



See different possibilities for this transaction:

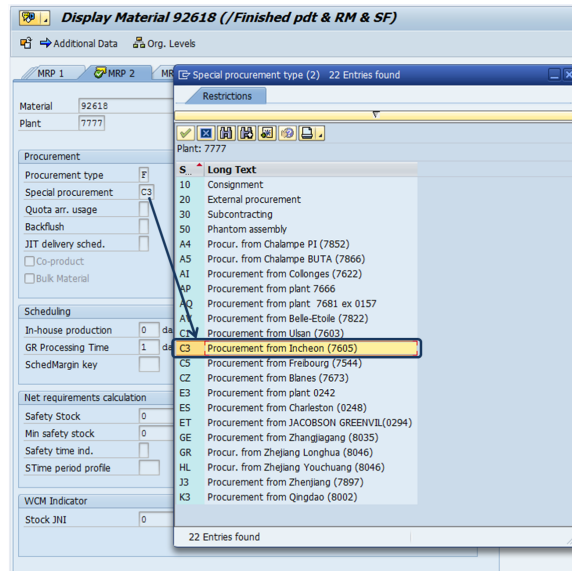
STEP 1

- 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

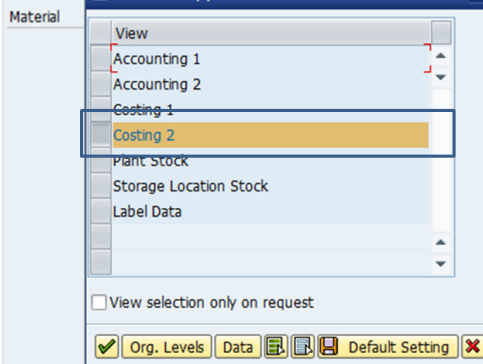
- Select the view "Costing 2"

and

Enter ↵

Display Material (Initial Screen)

Select View(s) Org. Levels Data



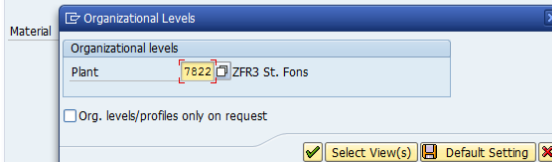
STEP 3

- 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 83082 at plant 7822. The 'Standard Cost Estimate' section has three tabs: 'Future', 'Current', and 'Previous'. The 'Future' tab is selected, and the 'Cost Estimate' field is highlighted with a blue box. The 'Period / Fiscal Year' is 9 2015, and the 'Planned price' is 2,014.08. The 'Current' tab shows a 'Planned price' of 0.00. 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 83082 at plant 7822. The 'Standard Cost Estimate' section has three tabs: 'Future', 'Current', and 'Previous'. The 'Current' tab is selected, and the 'Cost Estimate' field is highlighted with a blue box. The 'Period / Fiscal Year' is 9 2015, and the 'Planned price' is 2,014.08. The 'Future' tab shows a 'Planned price' of 0.00. 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 SAP Display Material (Initial Screen) for material 82618. The 'Material' field contains the code 82618, which is highlighted with a yellow box.

STEP 2

- Select the view "MRP2" and

Enter ↵

The screenshot shows the SAP Display Material (Initial Screen) for material 82618. A 'Select View(s)' dialog box is open, showing a list of views. The 'MRP 2' view is selected and highlighted with a blue box. The dialog box also includes options for 'View selection only on request' and buttons for 'Org. Levels', 'Data', 'Default Setting', and 'X'.

STEP 3

- Enter the plant code and

Enter ↵

Display Material (Initial Screen)

Select View(s) Org. Levels Data

Material

Organizational levels

Plant 7777 ZFR3 St. Fons

Stor. Location

Valuation type

☐ Org. levels/profiles only on request

Select View(s) Default Setting

STEP 4

- The special procurement code is **C3**

Display Material 92618 (/Finished pdt & RM & SF)

Additional Data Org. Levels

MRP 1 MRP 2 MRP 3 MRP 4 Plant data / stor. 1 Plant data / sto...

Material 92618 ILLOA 72X BAG 13KG

Plant 7777 7418 / Tokyo Port

Procurement

Procurement type F

Special procurement C3

Quota arr. usage

Backflush

JIT delivery sched.

☐ Co-product

☐ Bulk Material

Batch entry

Prod. stor. location

Default supply area

Storage loc. for EP 0001

Stock det. grp 0001

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

Display Material 92618 (/Finished pdt & RM & SF)

Additional Data Org. Levels

MRP 1 MRP 2 MRP 3 MRP 4 Plant data / stor. 1 Plant data / sto...

Material 92618

Plant 7777

Procurement

Procurement type F

Special procurement C3

Quota arr. usage

Backflush

JIT delivery sched.

☐ Co-product

☐ Bulk Material

Scheduling

In-house production 0 da

GR Processing Time 1 da

SchedMargin key

Net requirements calculation

Safety Stock 0

Min safety stock 0

Safety time ind.

STime period profile

WCM Indicator

Stock JMI 0

Restrictions

Plant: 7777

S. * Long Text

10 Consignment

20 External procurement

30 Subcontracting

50 Phantom assembly

A4 Procur. from Chalame PI (7852)

A5 Procur. from Chalame BUTA (7866)

A1 Procurement from Colonges (7622)

AP Procurement from plant 7666

AQ Procurement from plant 7681 ex 0157

AR Procurement from Belle-Etoile (7822)

AW Procurement from Ulan (7603)

C3 Procurement from Incheon (7605)

C5 Procurement from Freiburg (7544)

CZ Procurement from Blanes (7673)

E3 Procurement from plant 0242

ES Procurement from Charleston (0248)

ET Procurement from JACOBSON GREENVIL(0294)

GE Procurement from Zhangjiagang (8035)

GR Procur. from Zhejiang Longhua (8046)

HL Procur. from Zhejiang Youchuang (8046)

J3 Procurement from Zhenjiang (7897)

K3 Procurement from Qingdao (8002)

22 Entries found

STEP 1

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

Enter ↵

Display Material (Initial Screen)

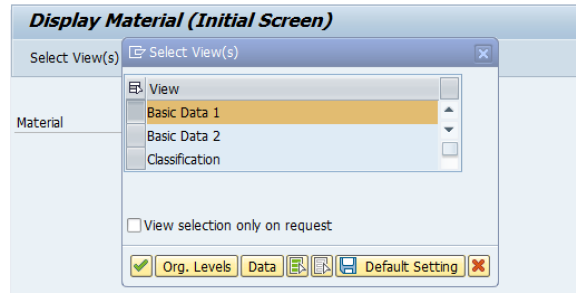
Select View(s) Org. Levels Data

Material 110778

STEP 2

- Select the view "**Basic data 1**" and

Enter ↵



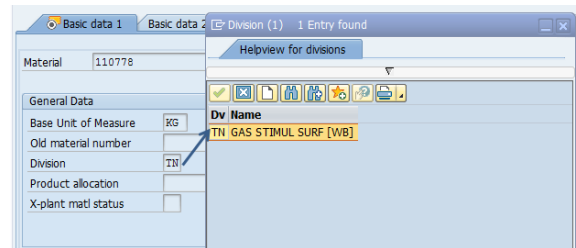
STEP 3

- The division code is TN



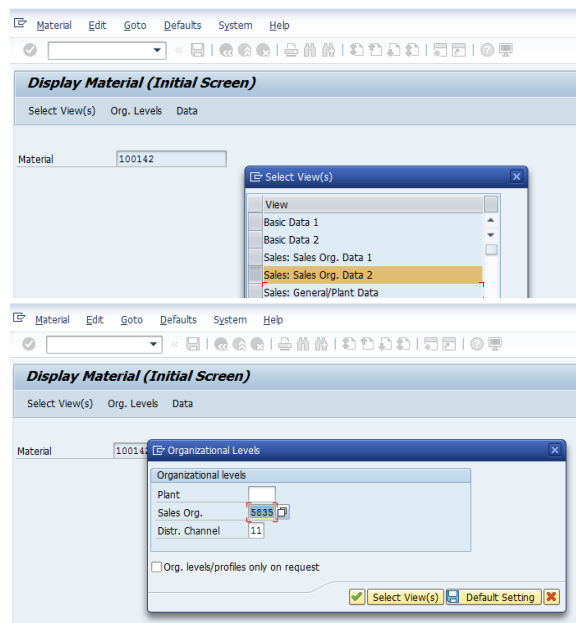
STEP 4

- 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

The screenshot shows the SAP 'Display Material' window for material 100142. The 'Sales: sales org. 2' tab is active, and the 'Sales Org.' field is set to 5835. The 'Distr. Chl' field is set to 11. The 'Material pricing grp' field is set to 31, and the 'Acct assignment grp' field is set to ERP Out NET... The 'Item category group' field is set to NORM, and the 'Standard item' checkbox is checked. The 'Product hierarchy' field is set to ZZ, and the 'CODE OF GESTION' field is empty.

STEP 1

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

Org. Levels

The screenshot shows the SAP 'Display Material' window for material 129227. The 'Org. Levels' button is highlighted with a mouse cursor. The 'Material' field is set to 129227, and the 'Plant' field is set to 7704. The 'JAGUAR C 17 25KG VALVE BAG' is displayed in the 'Material' field. The 'Valuation Category' field is set to 09, and the 'Current period' field is set to 2015. The 'Price determ.' field is set to ML act.

STEP 2

Click on the button beside the plant code

The screenshot shows the 'Organizational Levels' dialog box. The 'Plant' field is set to 7704, and the 'Valuation type' field is set to 6062 / LTH Logistics Singapore. A mouse cursor is pointing at the button next to the plant code.

STEP 3

Click on the button beside any plant code

The screenshot shows the 'Possible Entries: Plants' dialog box. The list of plants includes: 0232 / Seoul, 0267 / Vernon, 0294 / Chempak Greenville, 7390 / ZFR3 / Négoce Hors UE, 7704 / 6062 / LTH Logistics Singapore, 7900 / Chempak Houston, and 8160 / 6526 Zhangjiagang. A mouse cursor is pointing at the button next to the plant code 7704.

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

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