CCMC - SAP Project

User Manual - PP

Project	CCMC - SAP Project
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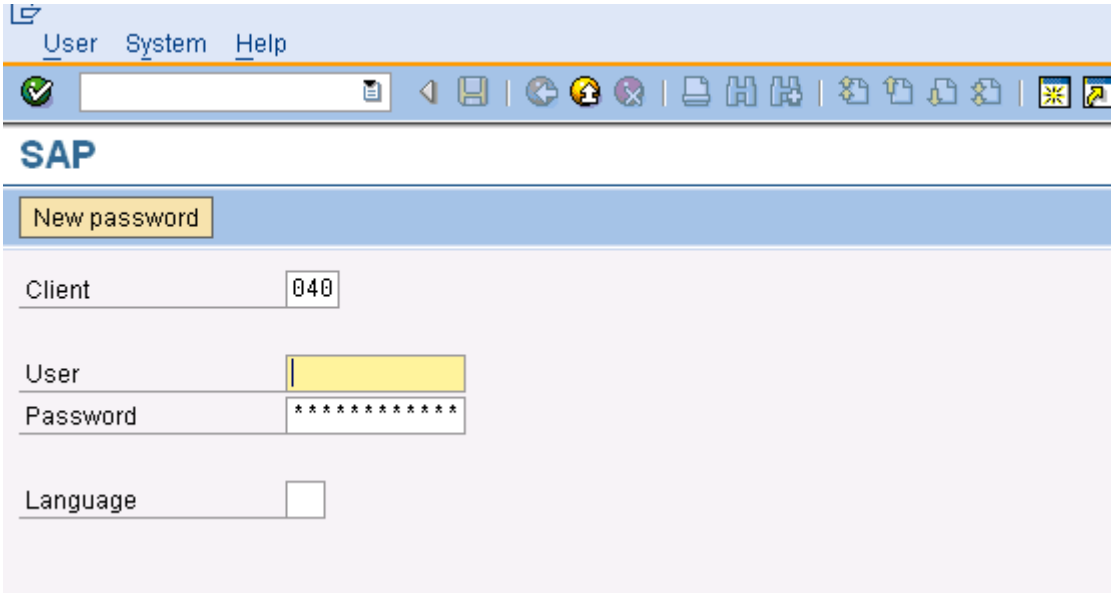
1 Introduction

This document intends for the training of Production Planning process for CCMC – SAP implementation.

The scenario adopted here is the Production planning for Can manufacturing process and execution with Production Orders. Other scenarios covered are Scrap processing, Rework process and Annual planning in simulation.

Details covered here are Master Data Creation and Transaction Processing.

2 SAP Logon



1. Select the SAP System from Sap logon pad
2. Select Client.
3. Logon to SAP with appropriate ‘User ID’ and ‘Password’
4. Press ‘Enter’ or click

3 Master Data

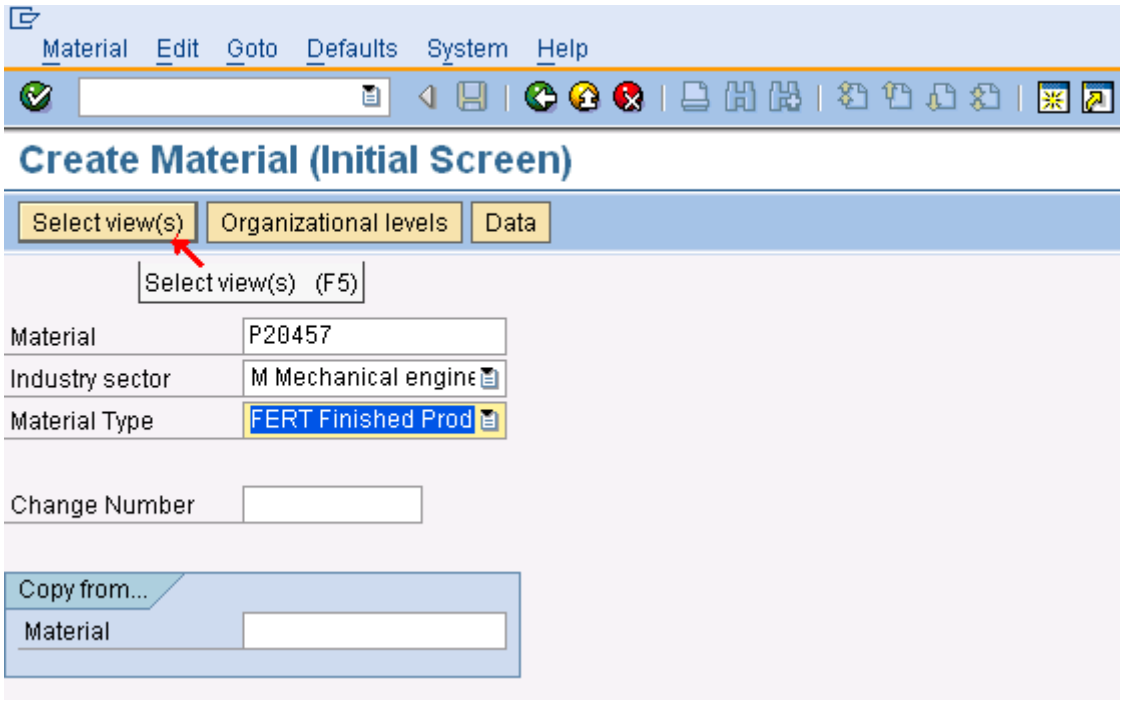
3.1 Material Master

For a company, material master represents the central source for calling data on materials

3.1.1 Material Master - Creation

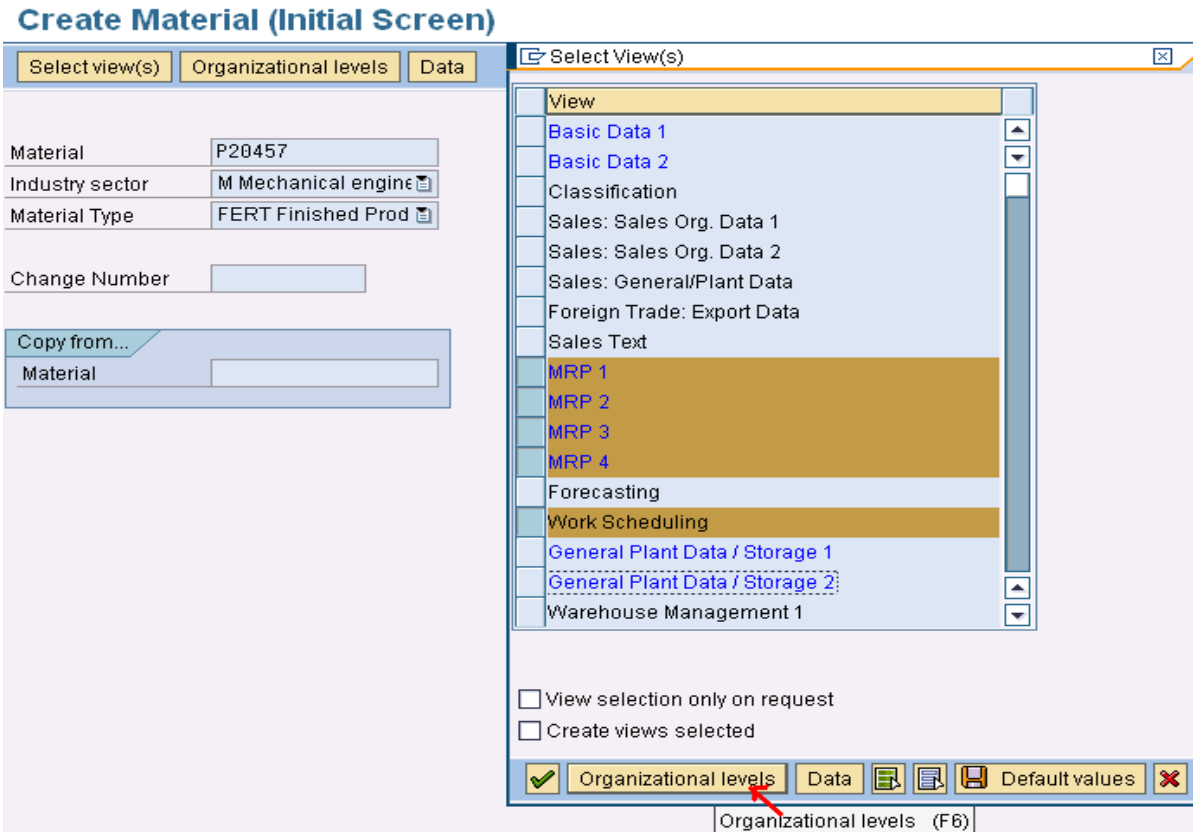
SAP R/3 Menu	*Logistic* □ *Production* □ *Master Data* □ Material Master □ *Create (General)*
Transaction code	**MM01**

.



Enter 1. Material number – P20457
2. Industry sector – M Mechanical engineering
3. Material type – Fert Finished Product

And click Select view(s) button

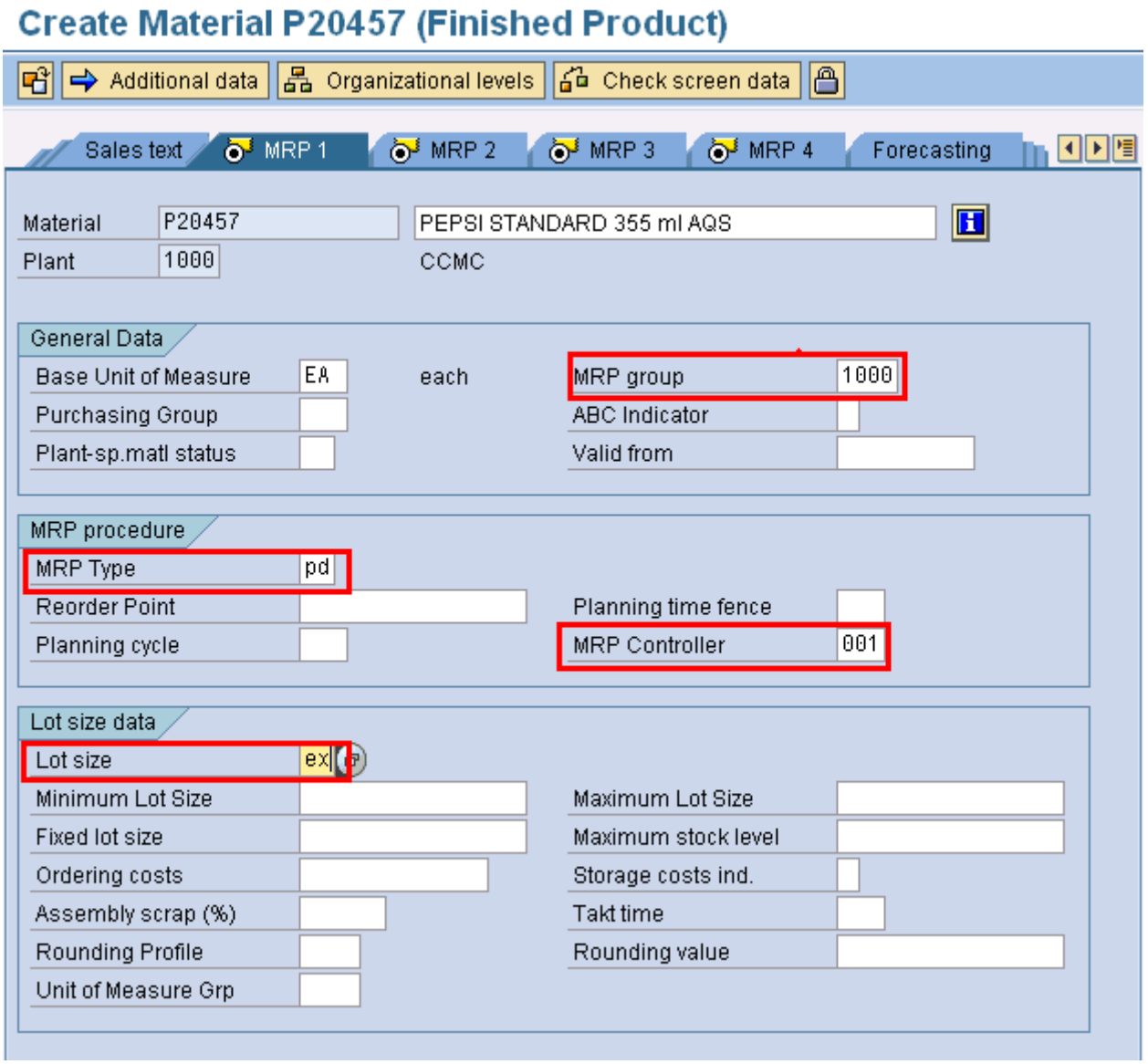


The material master For PP Module, in material master the following views have to be maintained.

- MRP1
- MRP 2
- MRP 3
- MRP 4,
- Work Scheduling

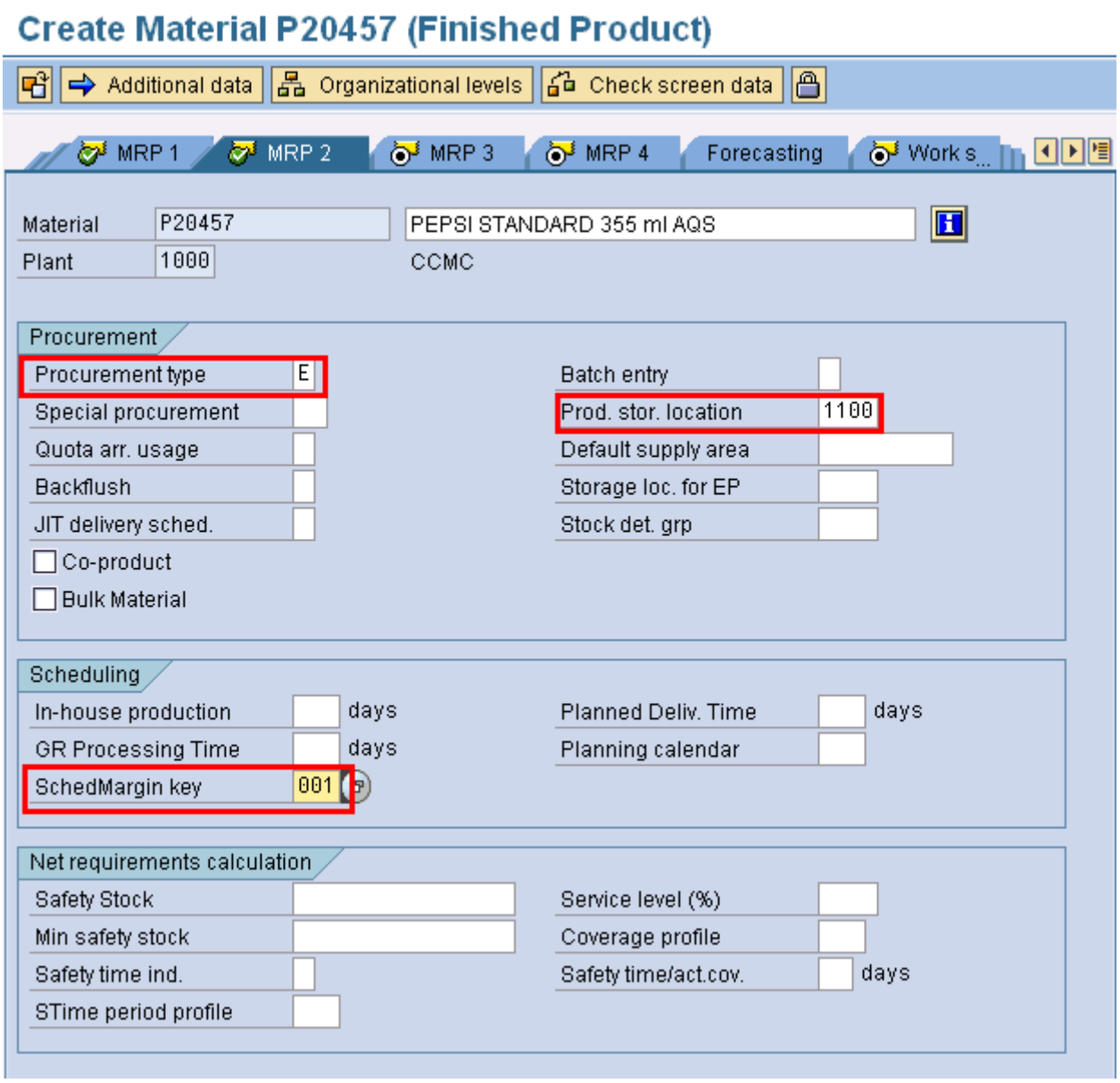
Select the above Views. Then enter the organizational data, and enter the plant and storage location as below

In MRP 1 view:
MRP1 view is having attributes, which trigger the system to propose the Planning logic.



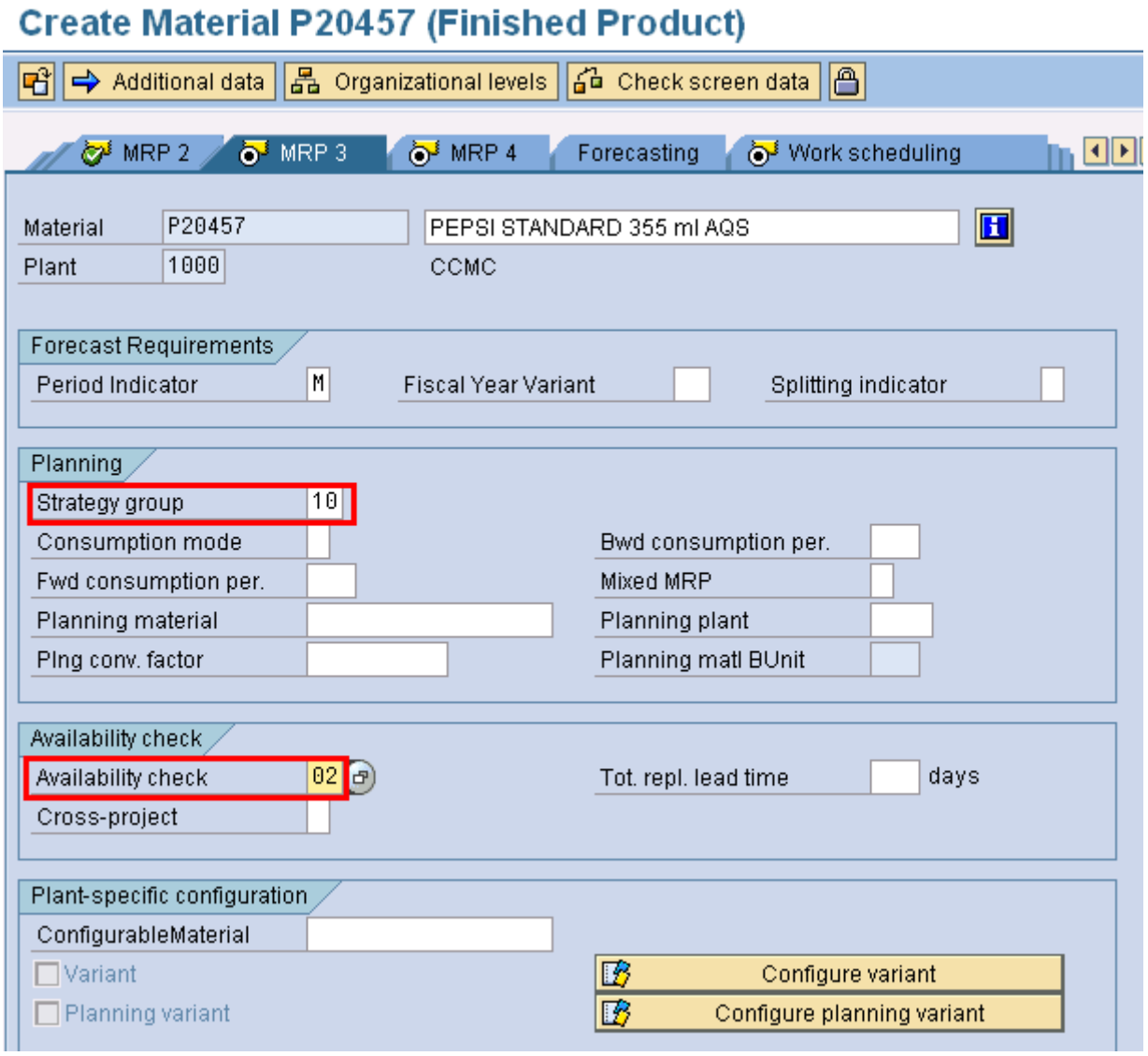
Enter MRP group – 1000 (CCMC Finished)
Enter MRP Type – PD (Normal MRP)
MRP Controller – 001 (MRP Controller for Finished goods)
Lot size – EX (Lot-for-lot order quantity)

In MRP 2 View:
MRP2 view is having attributes, which trigger the system to plan the procurement proposal.



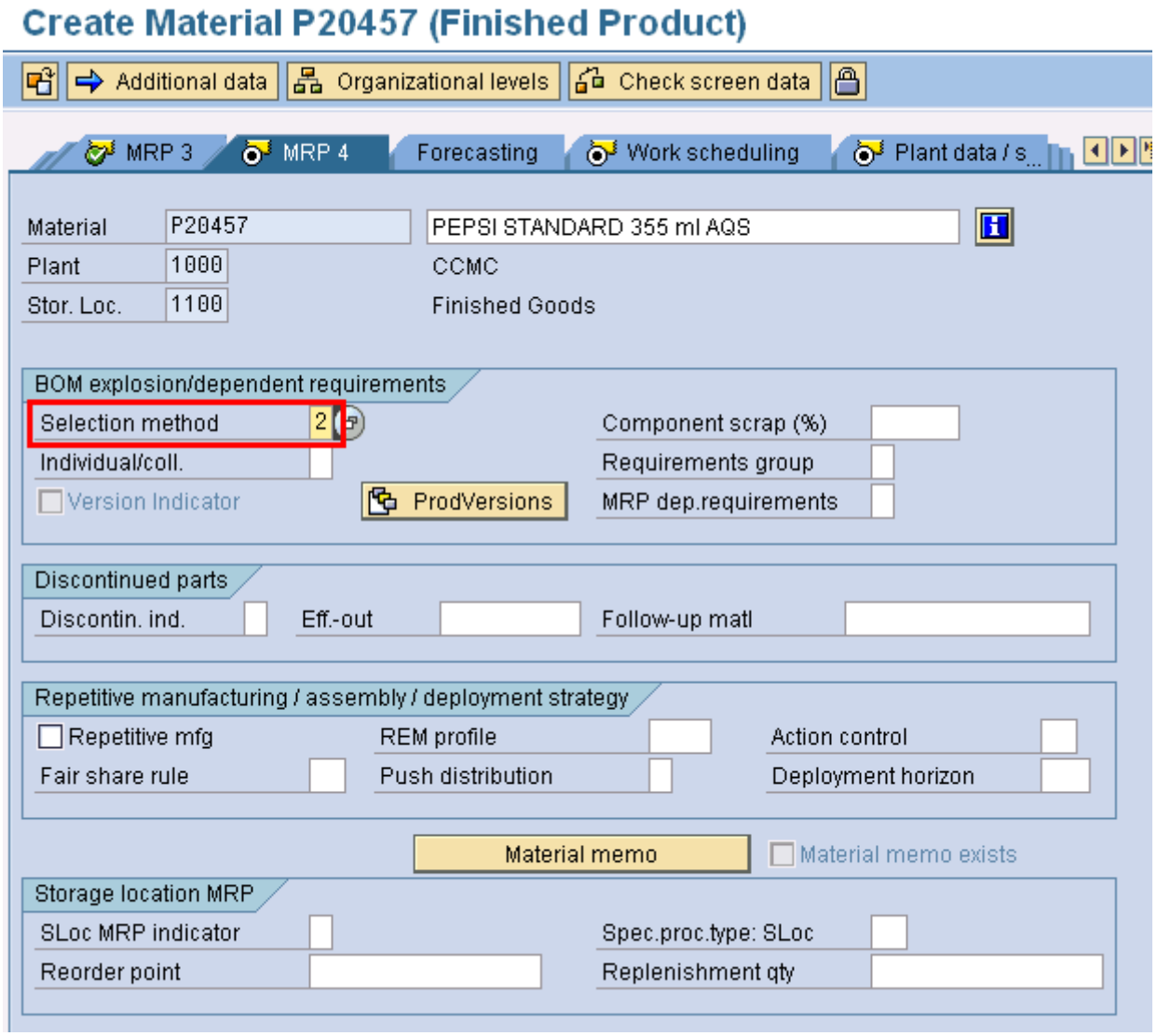
Enter Procurement type – E (In-house production)
Enter Production Storage Location – 1100 (Finished goods storage location)
And Scheduled Margin Key – 001

In MRP 3 View:
MRP3 view is having attributes, which defines the strategy for planning of a product.



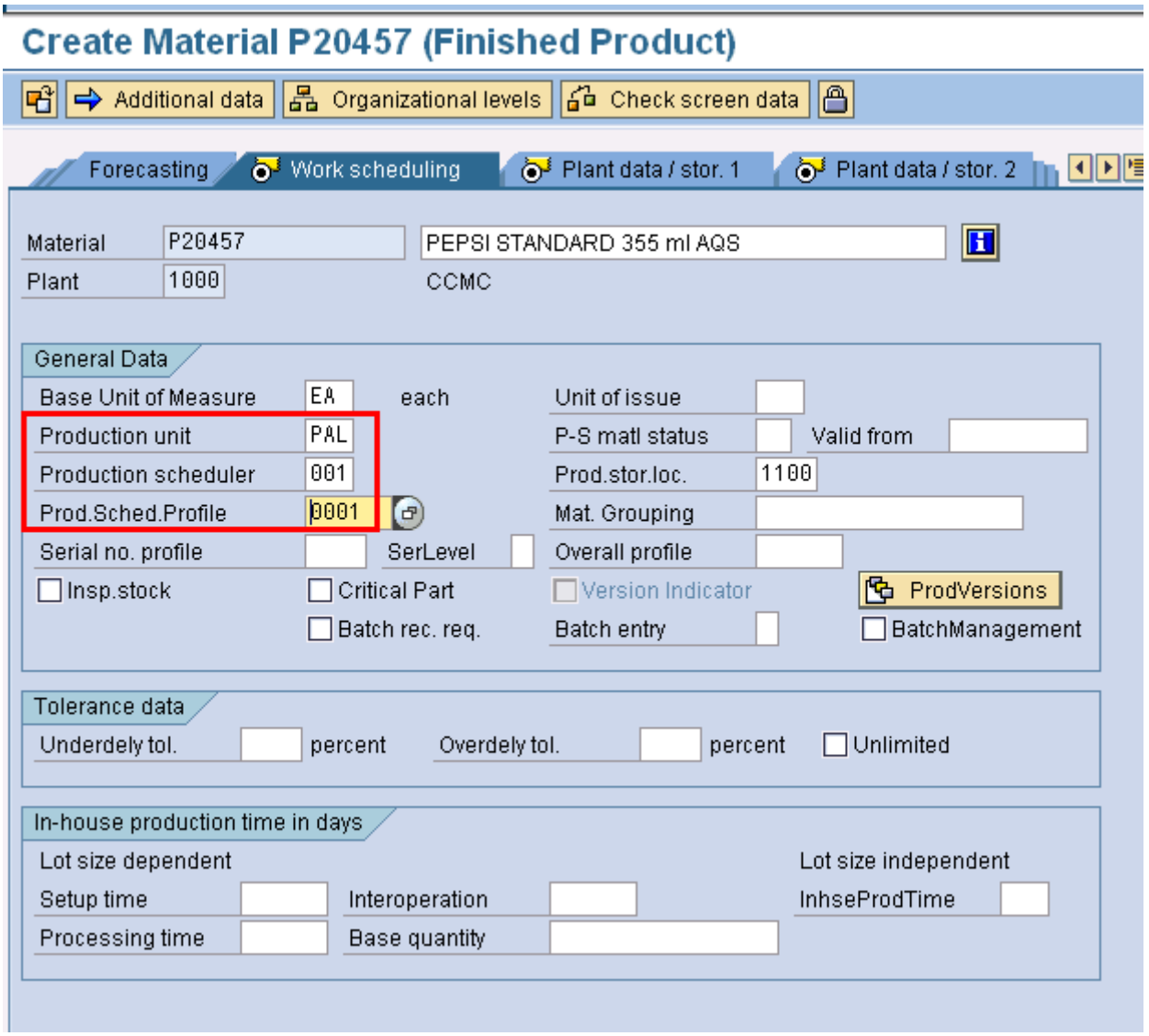
Enter the Strategy group – 10 (Make to stock)
And Availability check – 02 (Individual requirements)

In MRP 4 View:
MRP4 view is having attributes, which defines BOM explosion pattern during Material Requirement Planning.



Enter BOM explosion selection method – 2 (selection by Production version)

In Work scheduling view:
For In-House Production without Work Scheduling View, the system will not allow to create Production Order.

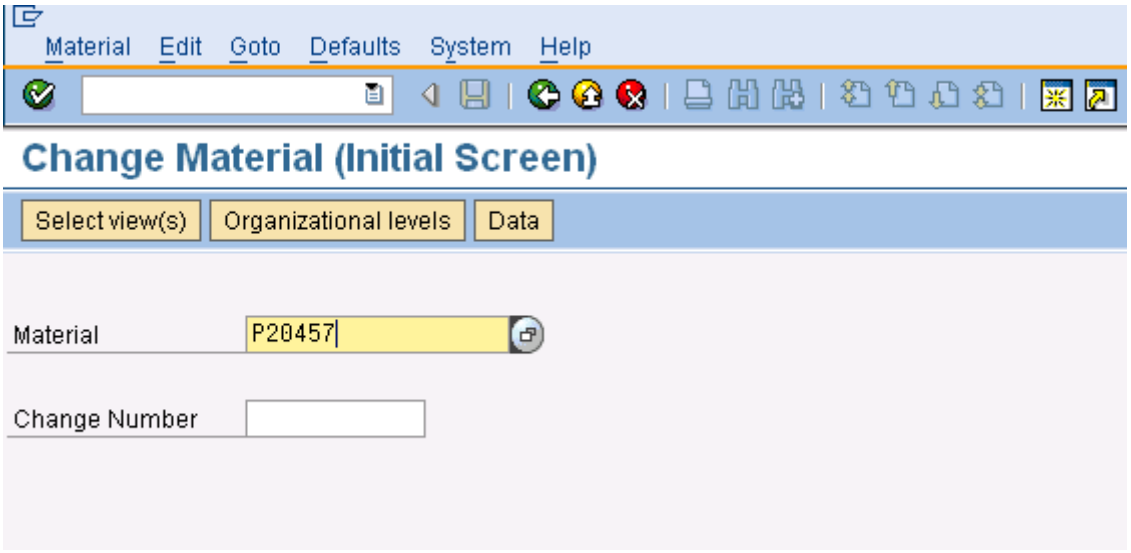


Enter Production unit – PAL (Pallet)
Enter Production Scheduler – 001 (CCMC Production Scheduler)
And enter Production Scheduler Profile – 0001 (CCMC Production scheduler profile)

And Save . The material is saved.

3.1.2 Material Master - Change

SAP R/3 Menu	*Logistic* □ *Production* □ *Master Data* □ Material Master □ *Change*
Transaction code	**MM02**

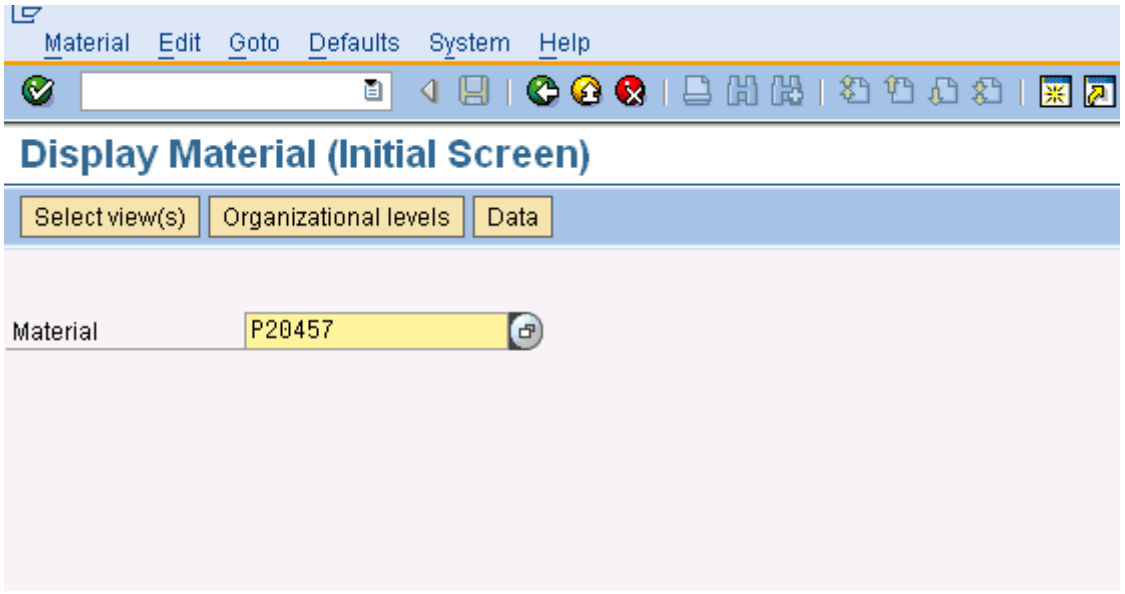


Enter the Material number in which changes to be done.

Select the required fields and organizational data and then change the data's and Save the Changes made.

3.1.3 Material Master - Display

SAP R/3 Menu	*Logistic* □ *Production* □ *Master Data* □ Material Master □ *Display*
Transaction code	**MM03**



Enter the Material number which material master to be displayed

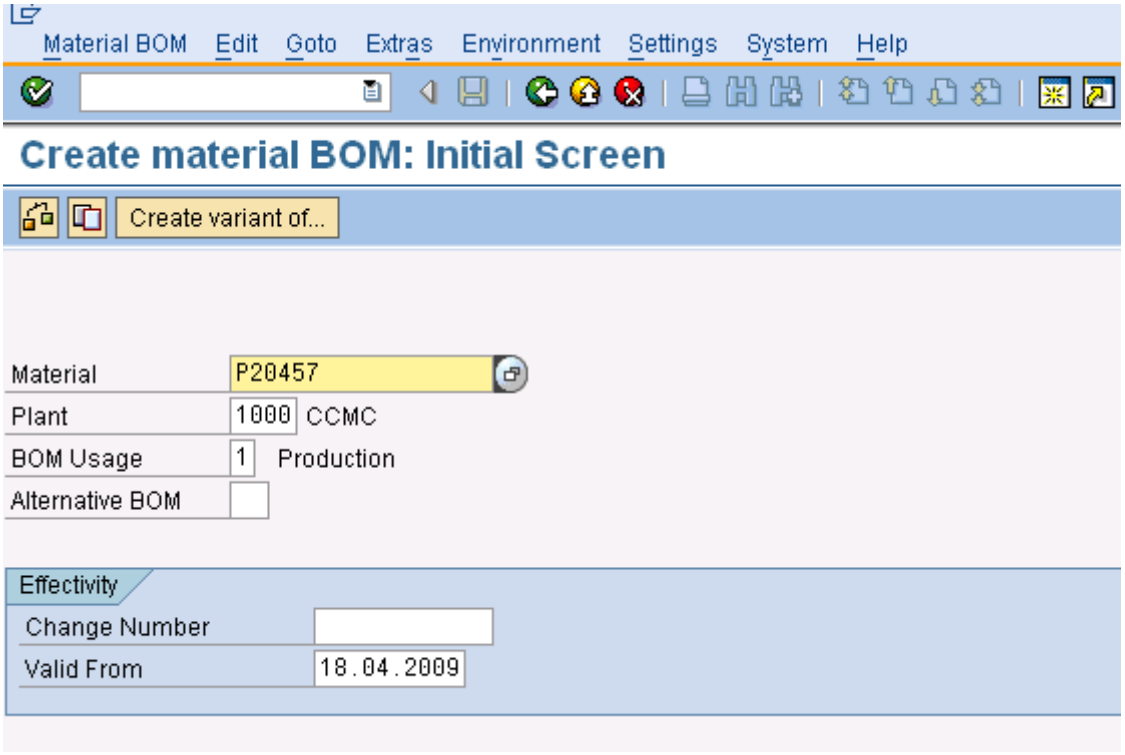
Select the required fields and organizational data and then view it, no changes will be allowed.

3.2 Bill of Material

Bill of Material is the list of components with quantities and unit of measure required to manufacture a product or assembly.

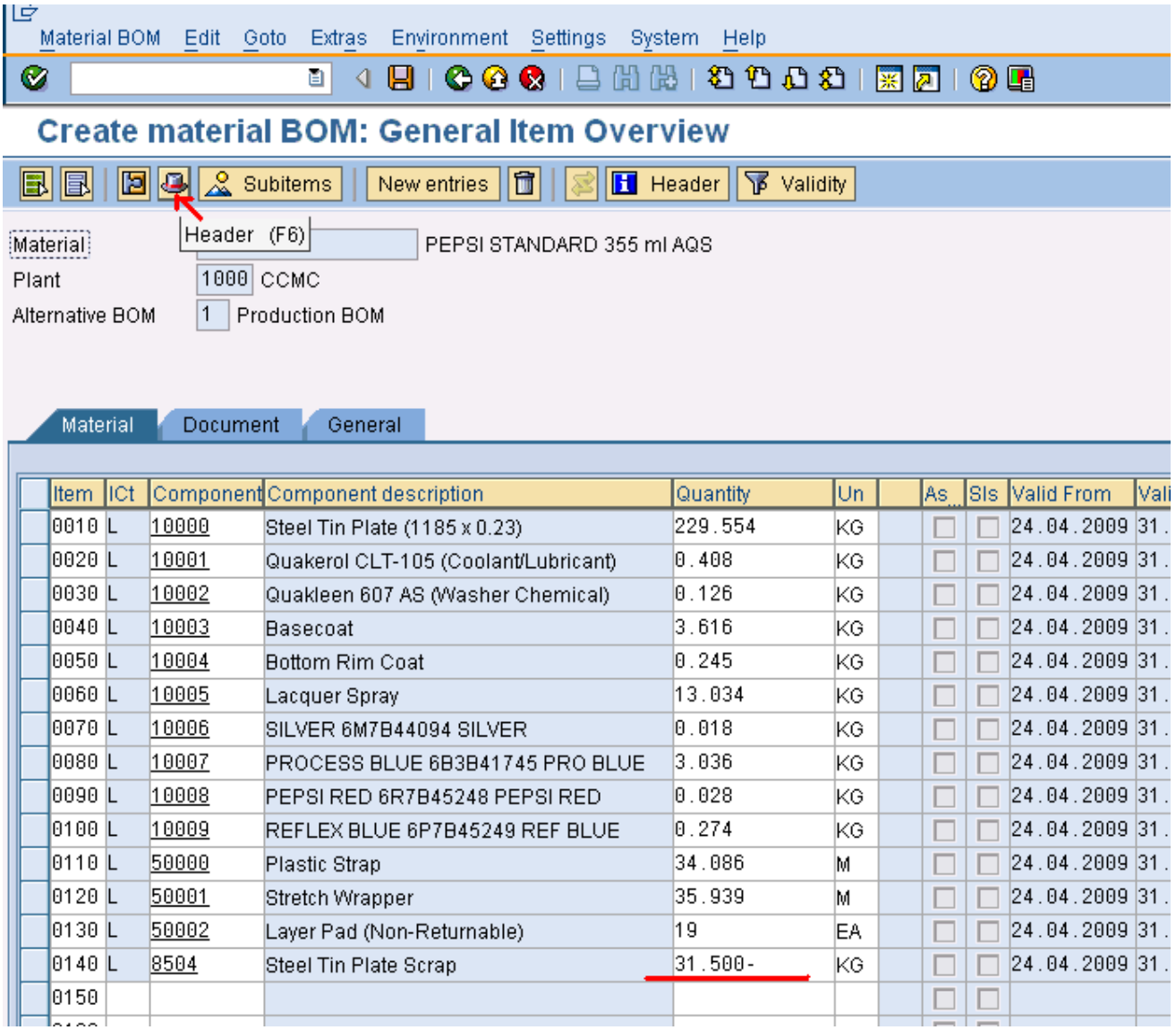
3.2.1 Bill of Material - Creation

SAP R/3 Menu	*Logistic* □ *Production* □ *Master data* □ Bills of Material □ *Bill of Material* □ *Material BOM* □ *Create*
Transaction code	CS01



Enter the Material
Enter Plant – 1000

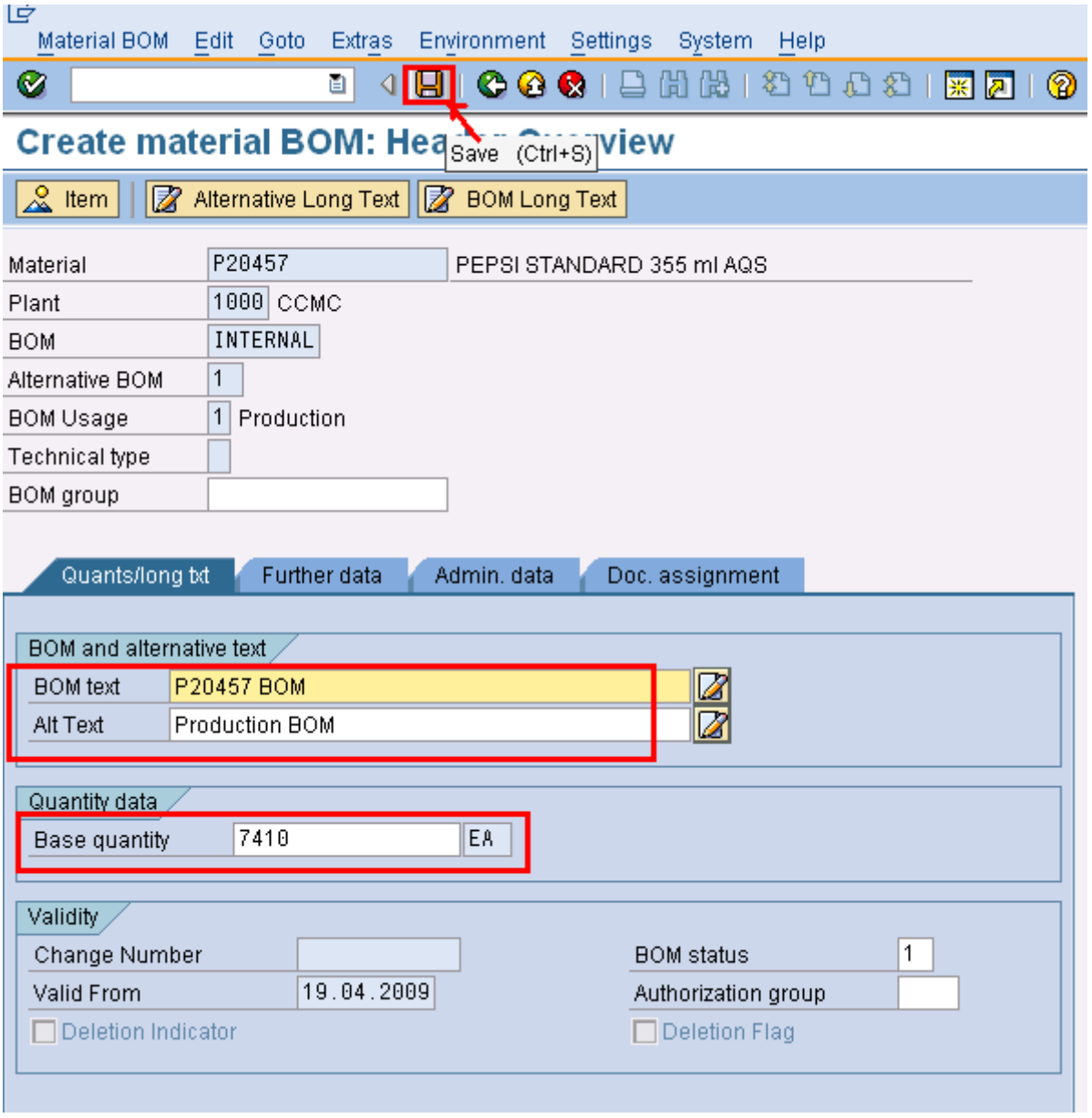
And BOM Usage – 1 (Production)



Item	ICt	Component	Component description	Quantity	Un	As	Sls	Valid From	Vali
0010	L	10000	Steel Tin Plate (1185 x 0.23)	229.554	KG			24.04.2009	31.
0020	L	10001	Quakerol CLT-105 (Coolant/Lubricant)	0.408	KG			24.04.2009	31.
0030	L	10002	Quakleen 607 AS (Washer Chemical)	0.126	KG			24.04.2009	31.
0040	L	10003	Basecoat	3.616	KG			24.04.2009	31.
0050	L	10004	Bottom Rim Coat	0.245	KG			24.04.2009	31.
0060	L	10005	Lacquer Spray	13.034	KG			24.04.2009	31.
0070	L	10006	SILVER 6M7B44094 SILVER	0.018	KG			24.04.2009	31.
0080	L	10007	PROCESS BLUE 6B3B41745 PRO BLUE	3.036	KG			24.04.2009	31.
0090	L	10008	PEPSI RED 6R7B45248 PEPSI RED	0.028	KG			24.04.2009	31.
0100	L	10009	REFLEX BLUE 6P7B45249 REF BLUE	0.274	KG			24.04.2009	31.
0110	L	50000	Plastic Strap	34.086	M			24.04.2009	31.
0120	L	50001	Stretch Wrapper	35.939	M			24.04.2009	31.
0130	L	50002	Layer Pad (Non-Returnable)	19	EA			24.04.2009	31.
0140	L	8504	Steel Tin Plate Scrap	31.500-	KG			24.04.2009	31.
0150									

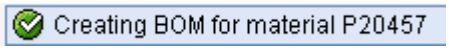
Item - This number is generated by default on the screen.
Item category - Enter Item category as 'L' - stock item.
Component - Enter the components needed to make the material.
Quantity - Enter quantity of material to be used. Negative sign will be given for By-Product.
UN - No entry is required, as it is automatically picked up from the material master of the component

And press Header to mention the Base quantity



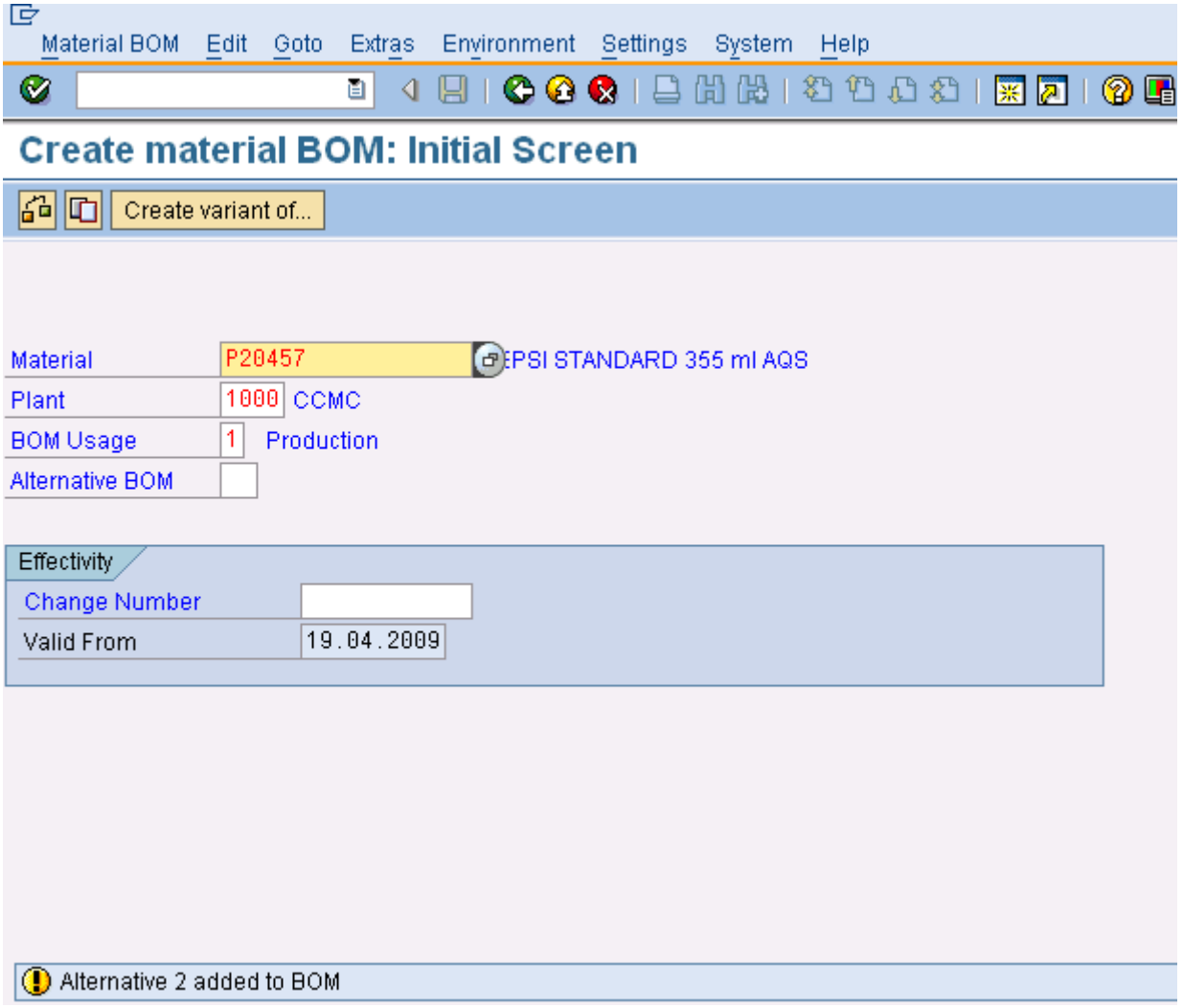
Enter the Base quantity
Enter as above in BOM text and Alt text description

And Press Save.



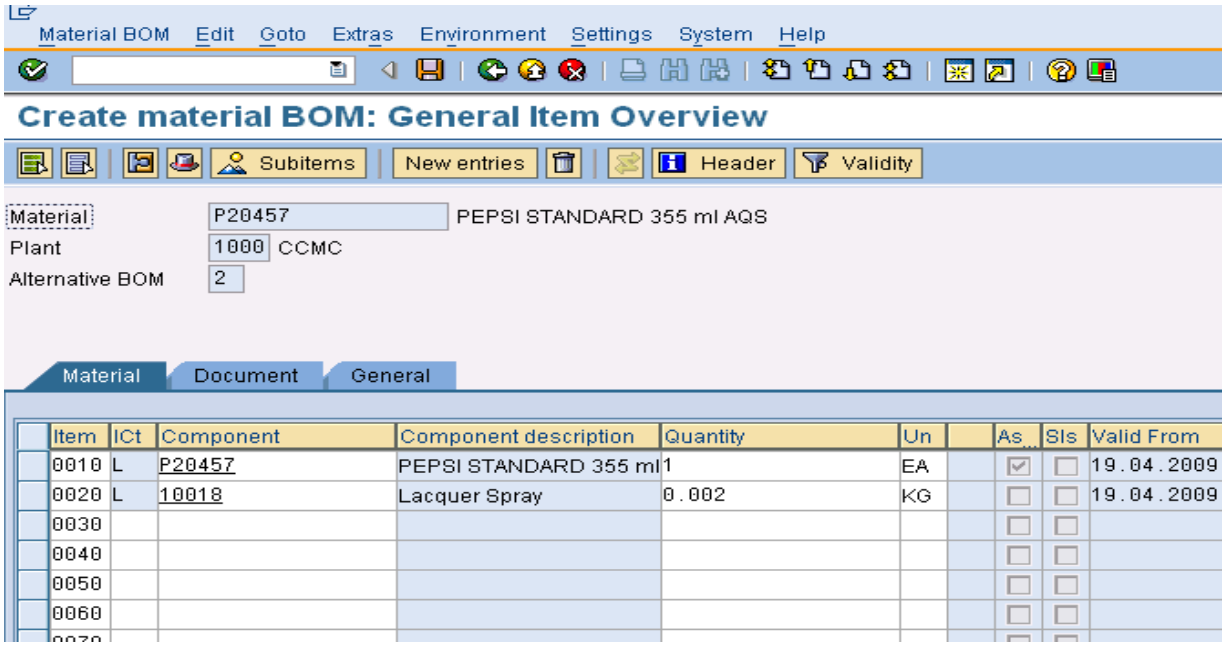
The Bill of Material of the material is saved.

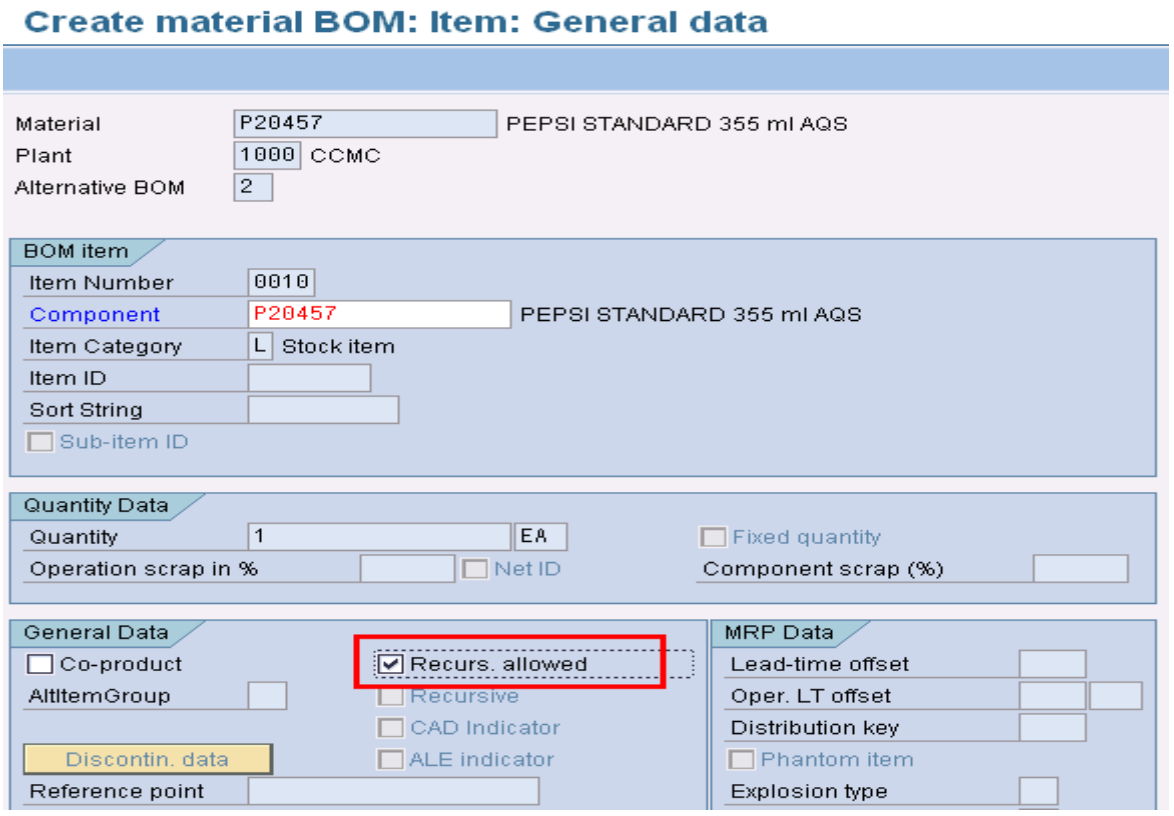
As the same, create Bill of Material for Rework



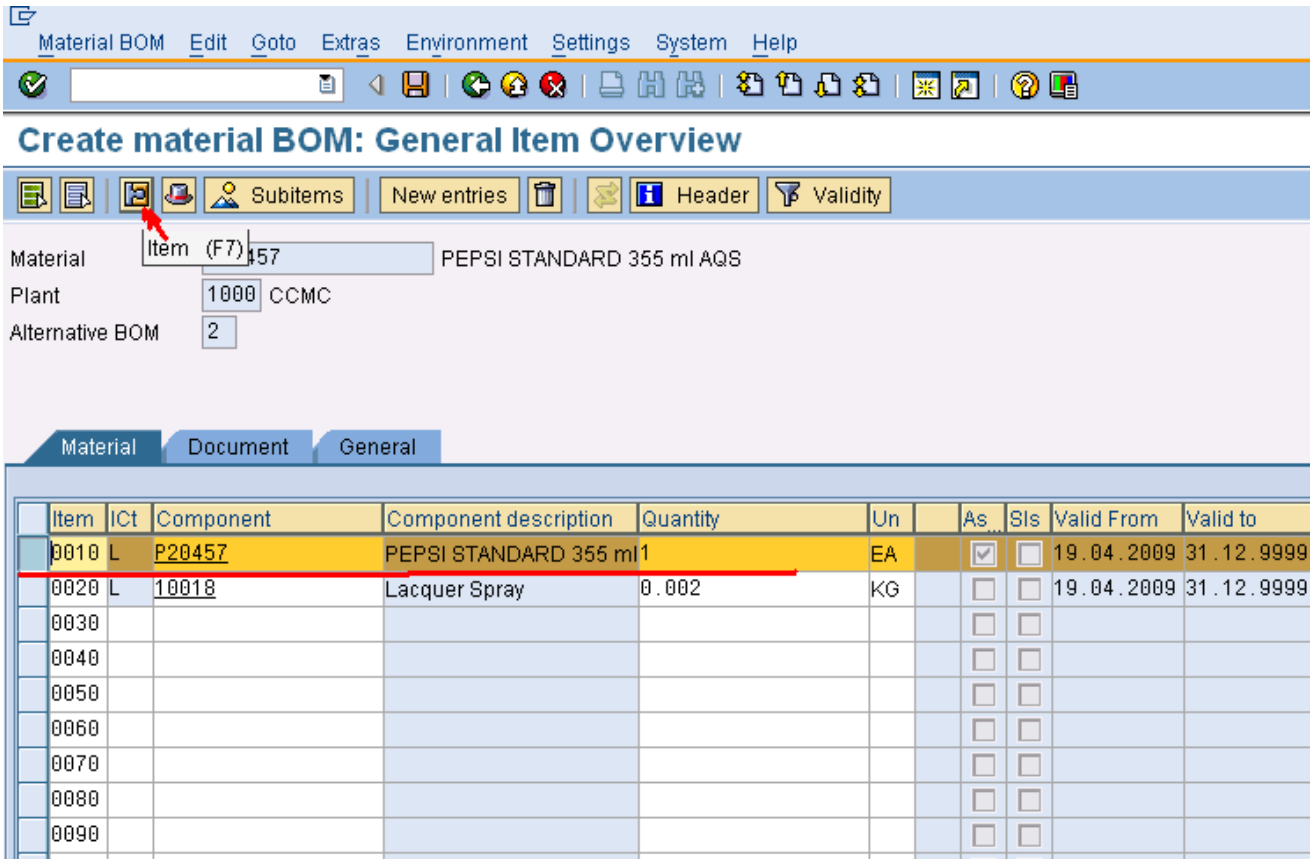
If the same material code is entered for BOM creation, it will ask for “Alternative 2 added to BOM”

Press enter.

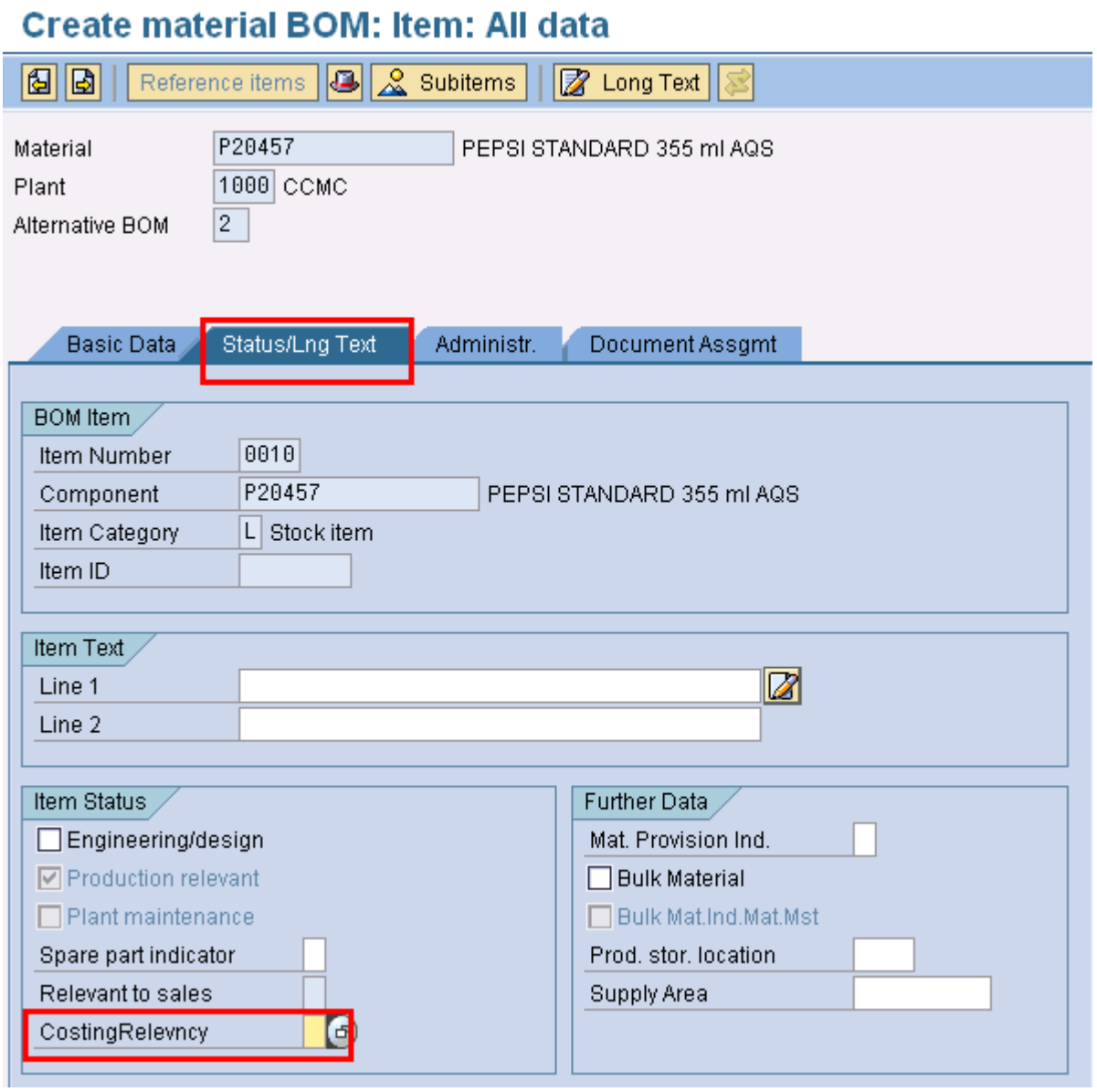

Material BOM Edit Goto Extras Environment Settings System Help
Create material BOM: General Item Overview
Subitems New entries Header Validity
Material P20457 PEPSI STANDARD 355 ml AQS
Plant 1000 CCMC
Alternative BOM 2
Material Document General
Item ICt Component Component description Quantity Un As Sls Valid From
0010 L P20457 PEPSI STANDARD 355 ml 1 EA 19.04.2009
0020 L 10018 Lacquer Spray 0.002 KG 19.04.2009
0030
0040
0050
0060


Create material BOM: Item: General data
Material P20457 PEPSI STANDARD 355 ml AQS
Plant 1000 CCMC
Alternative BOM 2
BOM item
Item Number 0010
Component P20457 PEPSI STANDARD 355 ml AQS
Item Category L Stock item
Item ID
Sort String
Sub-item ID
Quantity Data
Quantity 1 EA
Fixed quantity
Operation scrap in %
Net ID
Component scrap (%)
General Data
Co-product
Recurs. allowed
AltItemGroup
Recursive
CAD Indicator
ALE indicator
Discontin. data
Reference point
MRP Data
Lead-time offset
Oper. LT offset
Distribution key
Phantom item
Explosion type

If you enter the parent material itself in the component item, it will ask for recursive allowed.
So put tick mark as Recursive allowed box.

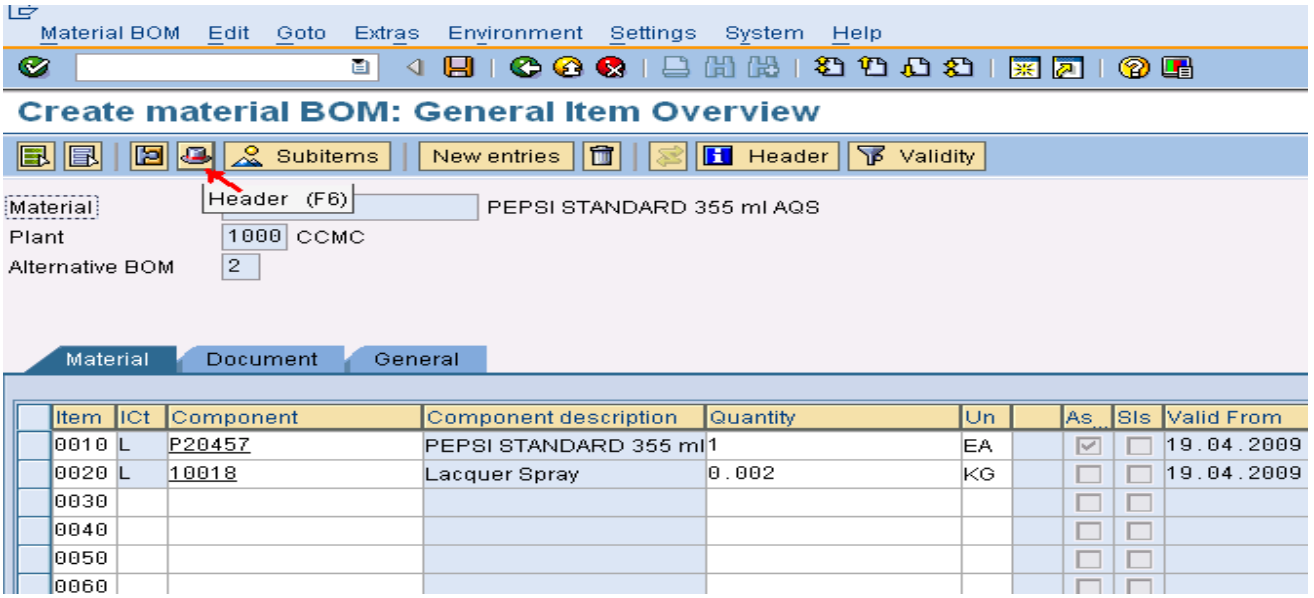


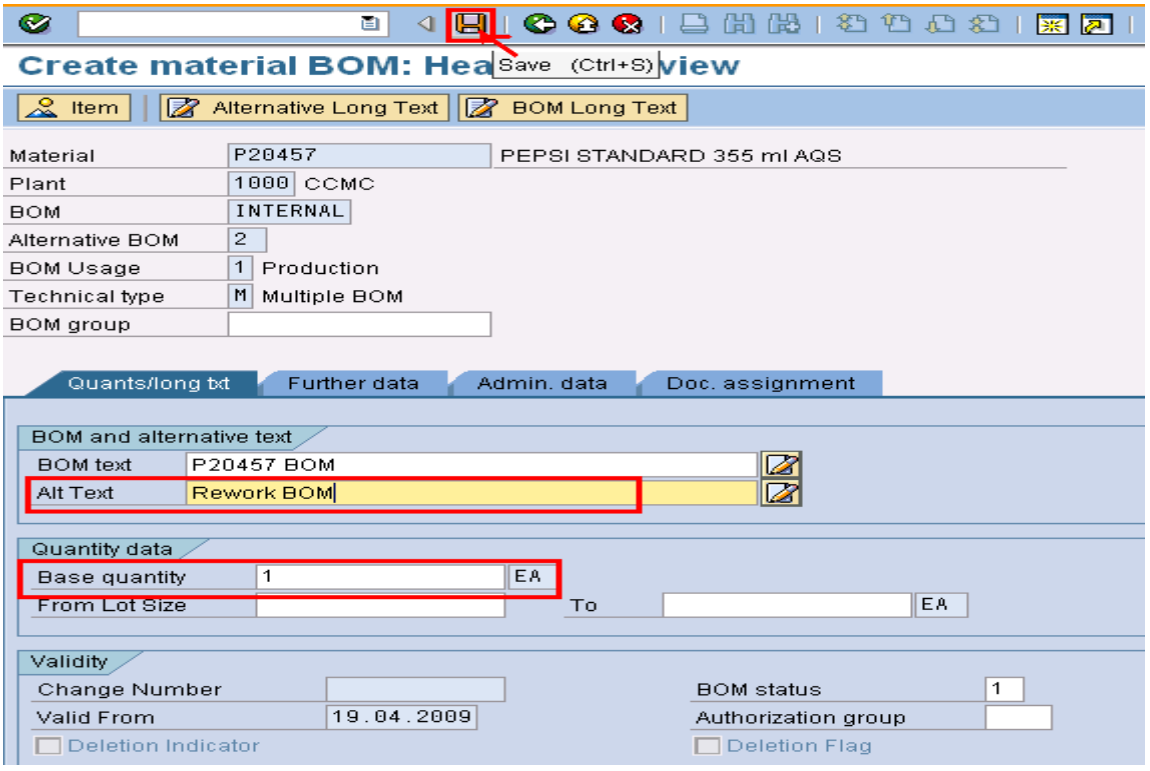
Select the component and click item box, to enter the details



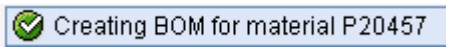
In the details of that item component, select the Status/Lng Text tab

In that remove the Costing Relevancy (Remove the X mark and make it blank)
And Go back.





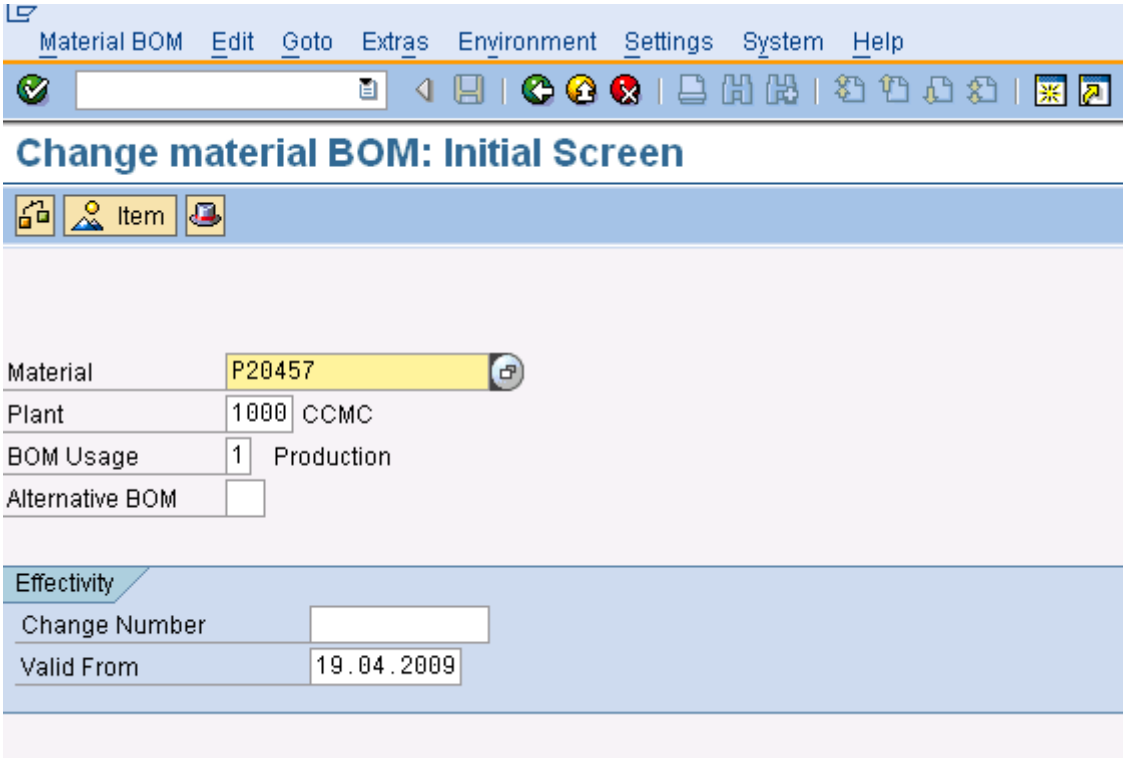
In Alt Text description, enter Rework BOM,
And if necessary change the Base quantity and save.



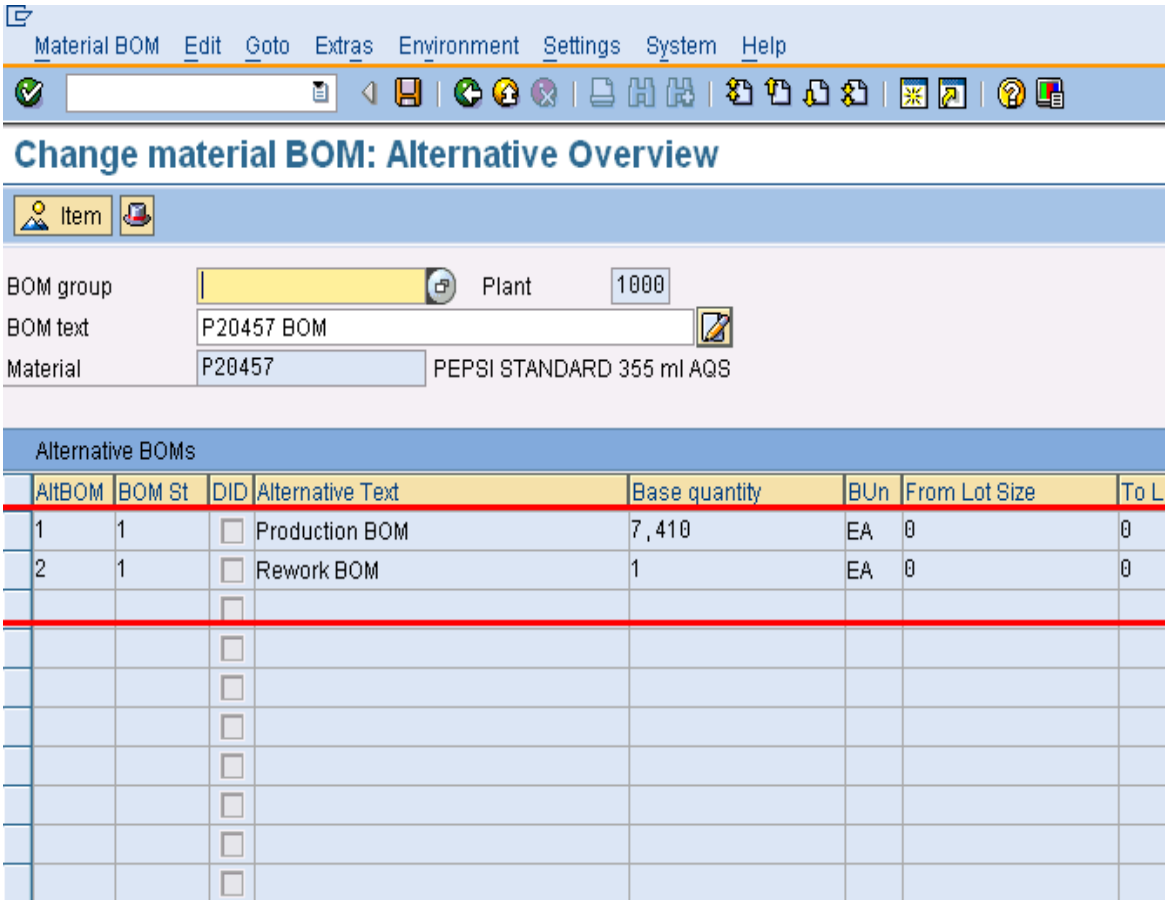
The Bill of Material of the material is saved.

3.2.2 Bill of Material - Change

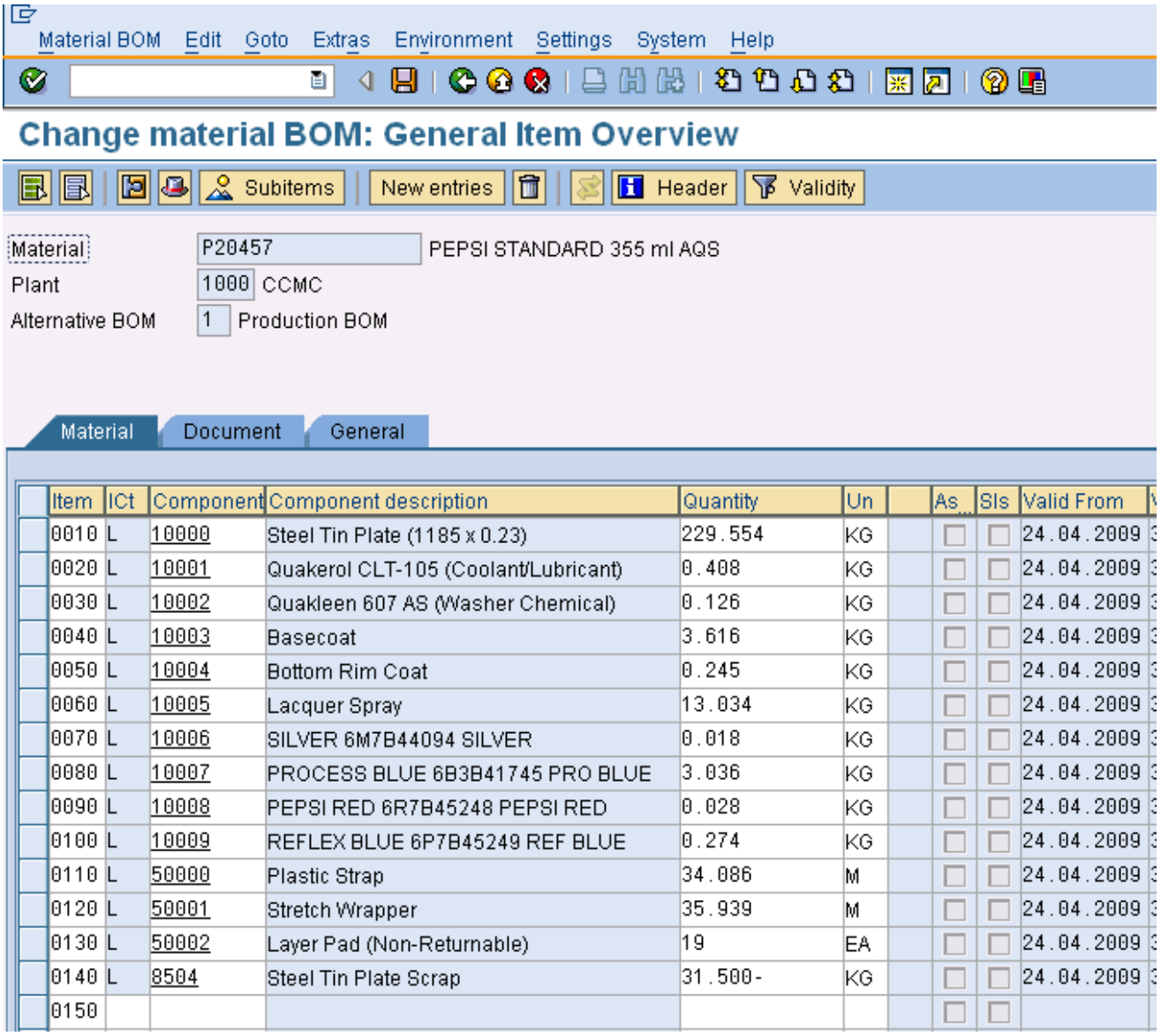
SAP R/3 Menu	*Logistic* □ *Production* □ *Master data* □ Bills of Material □ *Bill of Material* □ *Material BOM* □ *Change*
Transaction code	CS02



Enter the material of which BOM to be changed with plant and BOM usage. And Press Enter.



It will show as above if there is more than one BOM, double click the line which BOM you want to change.



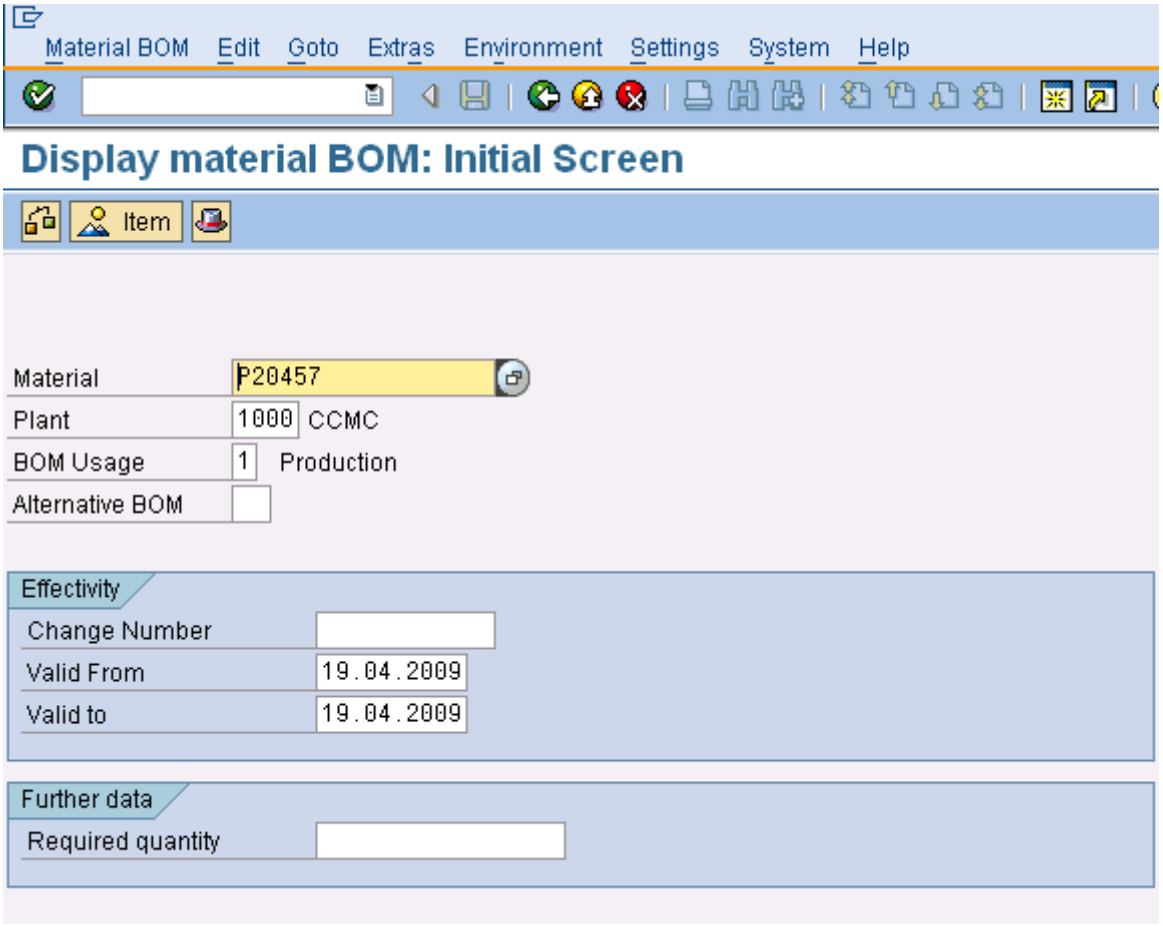
Item	ICt	Component	Component description	Quantity	Un	As	Sls	Valid From
0010	L	10000	Steel Tin Plate (1185 x 0.23)	229.554	KG			24.04.2009
0020	L	10001	Quakerol CLT-105 (Coolant/Lubricant)	0.408	KG			24.04.2009
0030	L	10002	Quakleen 607 AS (Washer Chemical)	0.126	KG			24.04.2009
0040	L	10003	Basecoat	3.616	KG			24.04.2009
0050	L	10004	Bottom Rim Coat	0.245	KG			24.04.2009
0060	L	10005	Lacquer Spray	13.034	KG			24.04.2009
0070	L	10006	SILVER 6M7B44094 SILVER	0.018	KG			24.04.2009
0080	L	10007	PROCESS BLUE 6B3B41745 PRO BLUE	3.036	KG			24.04.2009
0090	L	10008	PEPSI RED 6R7B45248 PEPSI RED	0.028	KG			24.04.2009
0100	L	10009	REFLEX BLUE 6P7B45249 REF BLUE	0.274	KG			24.04.2009
0110	L	50000	Plastic Strap	34.086	M			24.04.2009
0120	L	50001	Stretch Wrapper	35.939	M			24.04.2009
0130	L	50002	Layer Pad (Non-Returnable)	19	EA			24.04.2009
0140	L	8504	Steel Tin Plate Scrap	31.500-	KG			24.04.2009
0150								

It will show the component screen, Make changes if necessary and save it.

Changes will be saved.

3.2.3 Bill of Material - Display

SAP R/3 Menu	*Logistic* □ *Production* □ *Master data* □ Bills of Material □ *Bill of Material* □ *Material BOM* □ Display
Transaction code	CS03

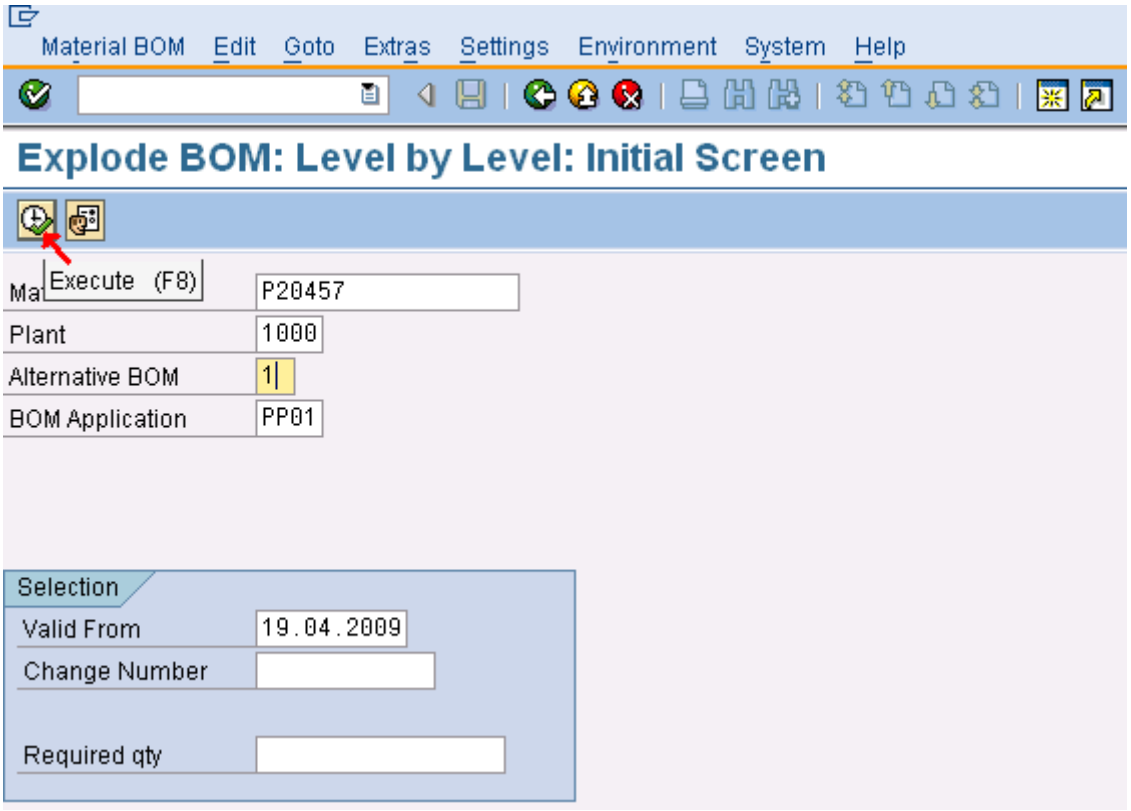


Enter the material for which BOM to be displayed with plant and BOM usage. And Press Enter.

And process as above as BOM change.

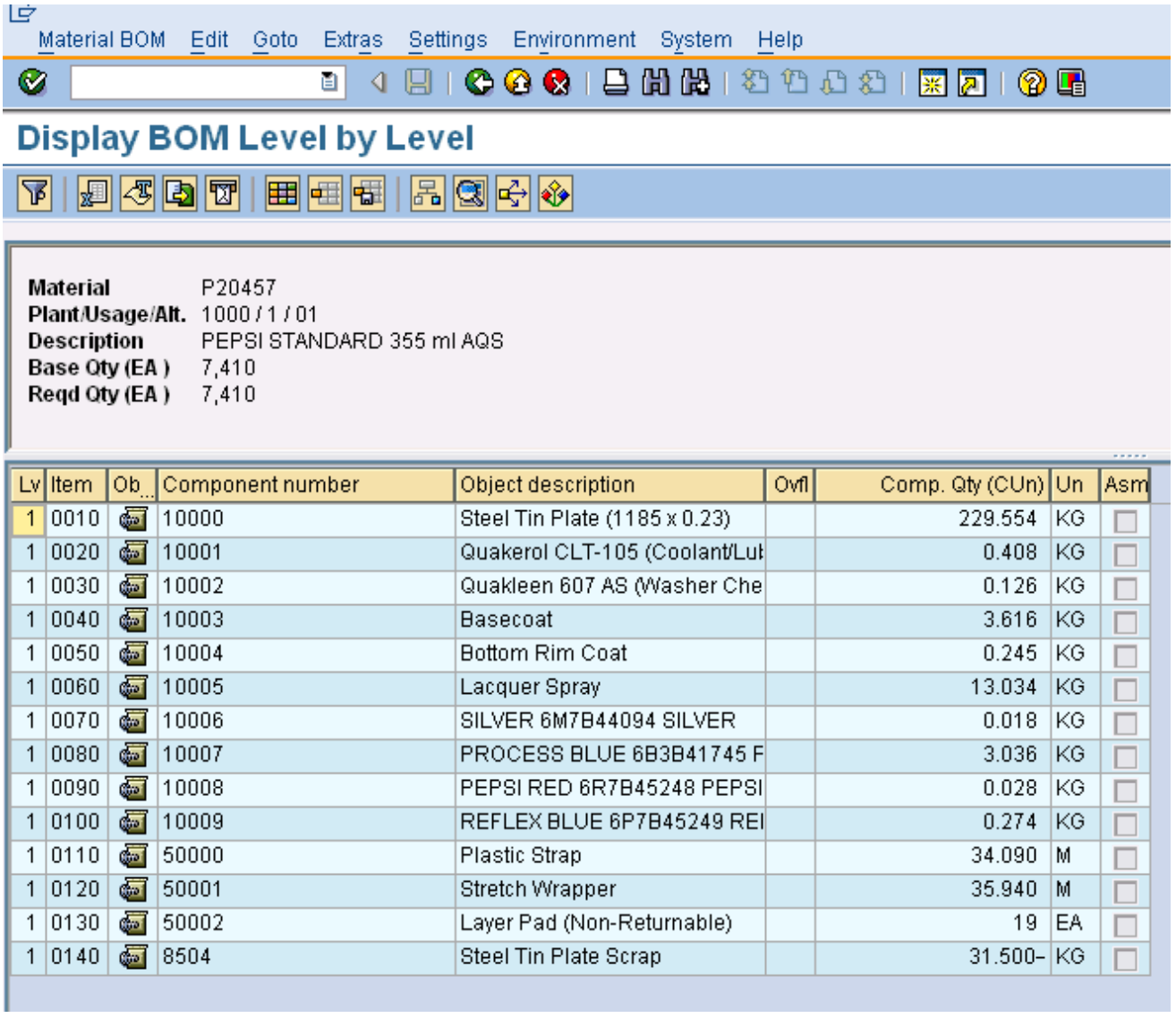
3.2.4 Bill of Material – Level by Level

SAP R/3 Menu	*Logistic* □ *Production* □ *Master data* □ Bills of Material □ *Bill of Material* □ *Reporting* □ *BOM Explosion* □ *Material BOM* □ *BOM Level by Level*
Transaction code	CS11



Enter the Material to be exploded, Plant, Alternative BOM and BOM Application PP01.

On selecting the options click on Execute push button.



Lv	Item	Ob...	Component number	Object description	Ovfl	Comp. Qty (CUn)	Un	Asm
1	0010		10000	Steel Tin Plate (1185 x 0.23)		229.554	KG	
1	0020		10001	Quakerol CLT-105 (Coolant/Lub		0.408	KG	
1	0030		10002	Quakleen 607 AS (Washer Che		0.126	KG	
1	0040		10003	Basecoat		3.616	KG	
1	0050		10004	Bottom Rim Coat		0.245	KG	
1	0060		10005	Lacquer Spray		13.034	KG	
1	0070		10006	SILVER 6M7B44094 SILVER		0.018	KG	
1	0080		10007	PROCESS BLUE 6B3B41745 F		3.036	KG	
1	0090		10008	PEPSI RED 6R7B45248 PEPSI		0.028	KG	
1	0100		10009	REFLEX BLUE 6P7B45249 REI		0.274	KG	
1	0110		50000	Plastic Strap		34.090	M	
1	0120		50001	Stretch Wrapper		35.940	M	
1	0130		50002	Layer Pad (Non-Returnable)		19	EA	
1	0140		8504	Steel Tin Plate Scrap		31.500-	KG	

The following options are available from this screen.

Item:
If the details of a component in the BOM are to be seen, place the cursor on the component, and select the option Go to □ Item data.

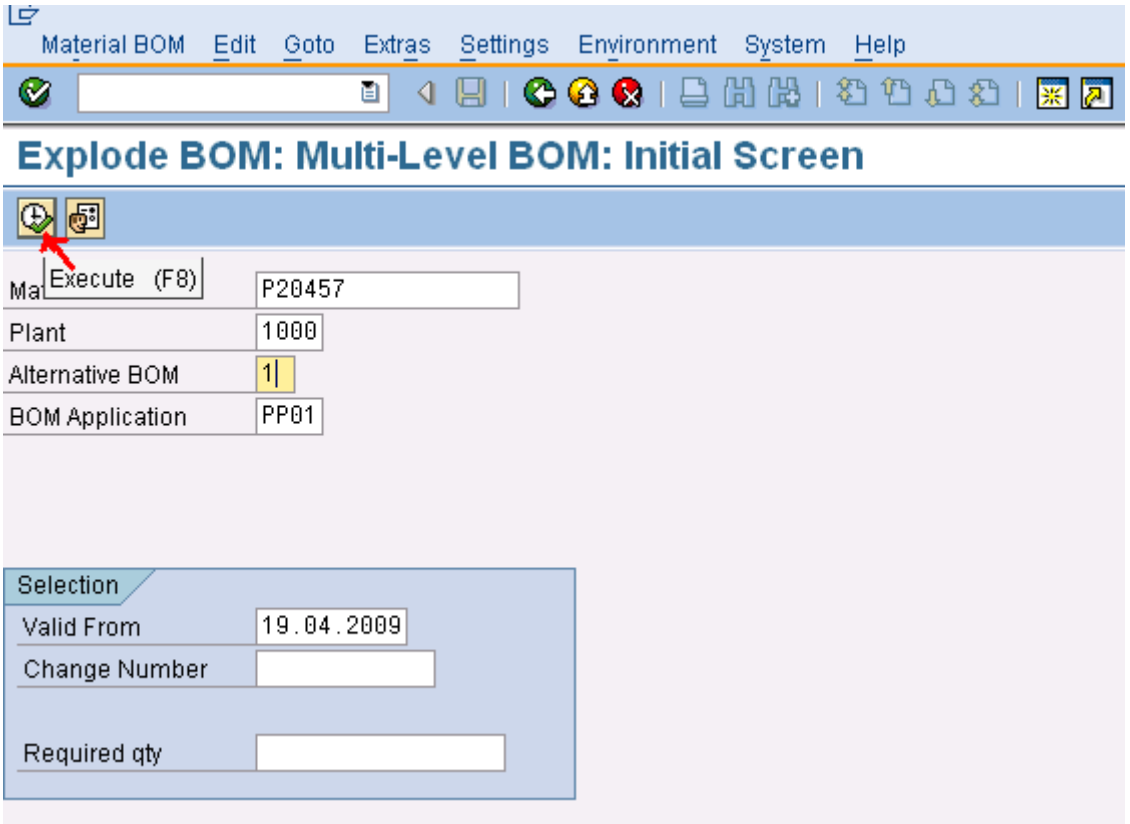
Detail:
If the material master views of any of the components in this plant are to be viewed, place the cursor on the component and select the option Environment □ Detail.

Where-used list:
To get a where-used list, place cursor on the component and select the option Environment □ Where-used list.

The above list can be converted into Excel file.

3.2.5 Bill of Material – Level by Level

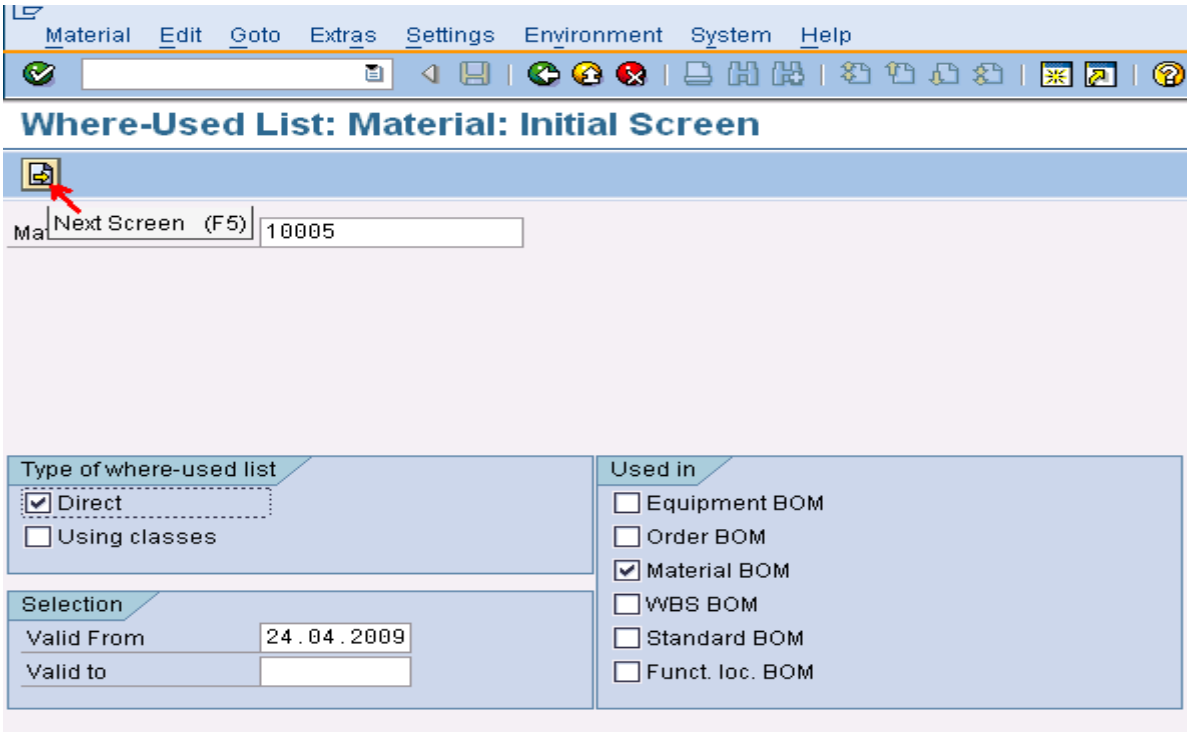
SAP R/3 Menu	*Logistic* □ *Production* □ *Master data* □ Bills of Material □ *Bill of Material* □ *Reporting* □ *BOM Explosion* □ *Material BOM* □ *Multilevel BOM*
Transaction code	CS12



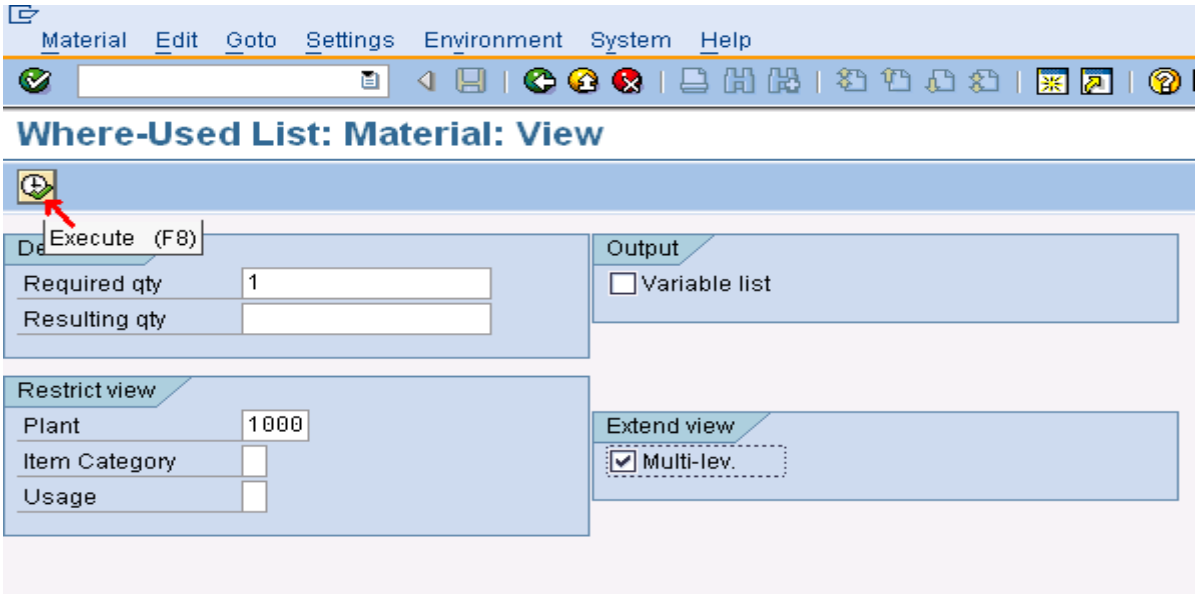
The selection fields are the same as for the BOM level-by-level reporting. It will be in the different display format which will be used for Multi Level BOM explosion.

3.2.6 Bill of Material – Where used list

SAP R/3 Menu	*Logistic* □ *Production* □ *Master data* □ Bills of Material □ *Bill of Material* □ *Reporting* □ *Where-used List* □ *Material*
Transaction code	CS15



Enter the material where it is used; enter tick mark in Selection field ‘direct’ and ‘Material BOM’ And click next screen.



Enter the required quantity, Check the plant, mark a tick mark in Multi-level and execute.

Material Where-Used List

Material 10005
Description Lacquer Spray
Key date 24.04.2009

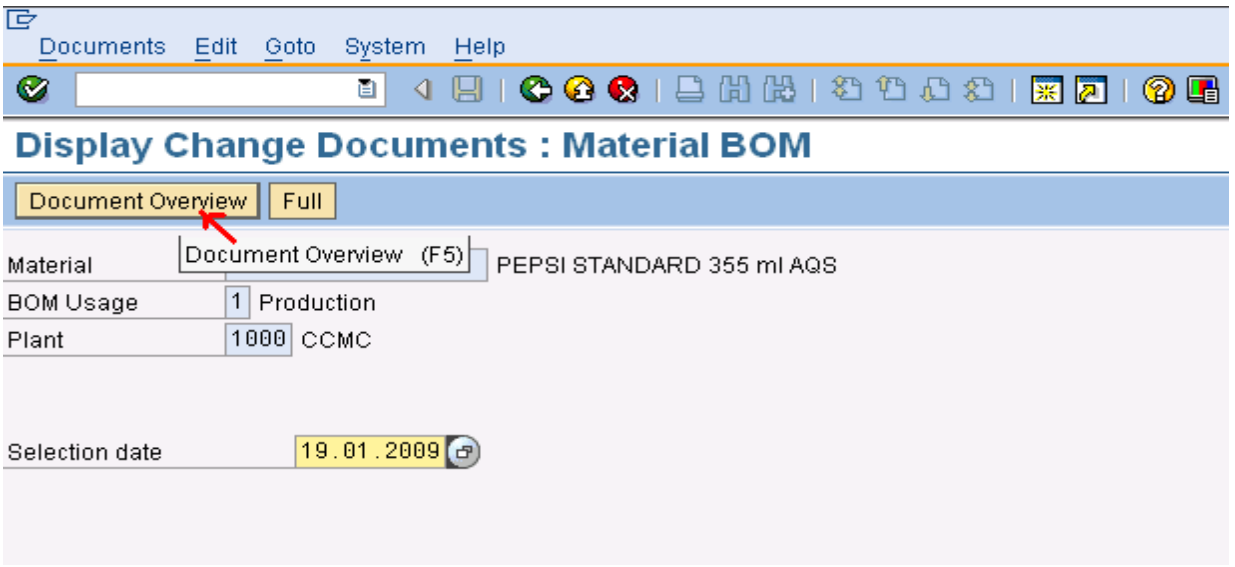
Lv	U	Plant	Ob...	Component number	Alt.	Item	R	Required quantity	Un	R	Resulting qty	B...
1	1	1000		I01060		0060		1.000	KG		609.378	EA
1	1	1000		I01061		0060		1.000	KG		609.378	EA
1	1	1000		I01062		0060		1.000	KG		609.378	EA
1	1	1000		I01071		0060		1.000	KG		609.378	EA
1	1	1000		I01091		0060		1.000	KG		609.378	EA
1	1	1000		I01092		0060		1.000	KG		609.378	EA
1	1	1000		I01093		0060		1.000	KG		609.378	EA
1	1	1000		I01099		0070		1.000	KG		600.969	EA
1	1	1000		I01104		0060		1.000	KG		600.969	EA
1	1	1000		I01105		0060		1.000	KG		600.969	EA
1	1	1000		I01108		0060		1.000	KG		609.378	EA
1	1	1000		I01111		0060		1.000	KG		609.378	EA
1	1	1000		I01113		0060		1.000	KG		609.378	EA
1	1	1000		I01114		0060		1.000	KG		609.378	EA
1	1	1000		I01122		0060		1.000	KG		600.969	EA
1	1	1000		I01125		0060		1.000	KG		600.969	EA
1	1	1000		I01126		0060		1.000	KG		600.969	EA
1	1	1000		J01065		0060		1.000	KG		609.378	EA
1	1	1000		J01067		0060		1.000	KG		609.378	EA
1	1	1000		J01097		0060		1.000	KG		600.969	EA
1	1	1000		J01103		0060		1.000	KG		600.969	EA
1	1	1000		J01126		0060		1.000	KG		600.969	EA
1	1	1000		J01133		0060		1.000	KG		609.378	EA

The output will be as above according to Alternative BOM's.

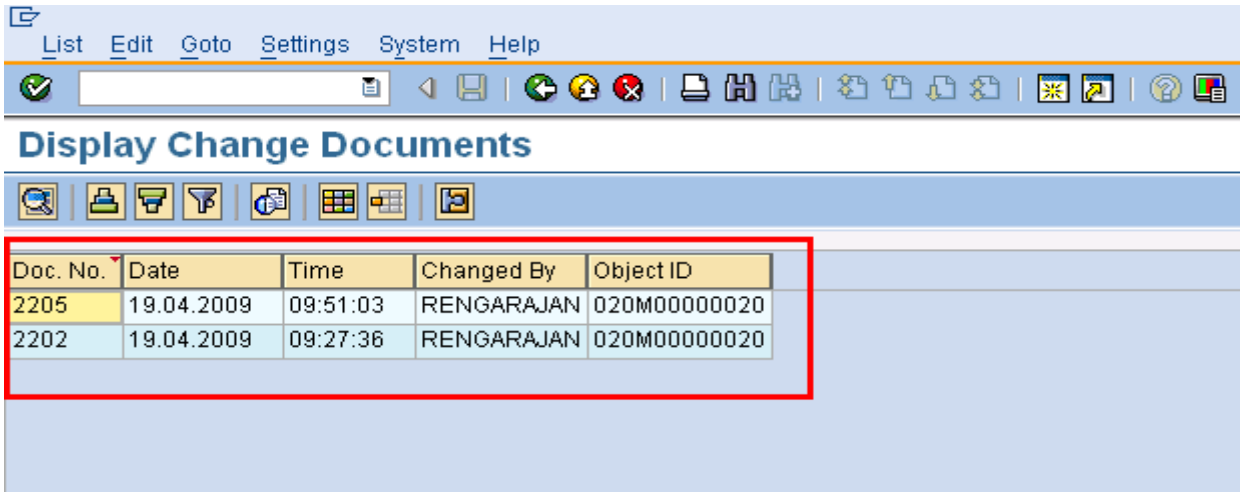
Layout format can be changed; and the list can be converted into Excel file for reference.

3.2.7 Bill of Material – Change Documents for BOM change

SAP R/3 Menu	*Logistic □ Production □ Master data □ Bills of Material □ Bill of Material □ Reporting □ Change Documents □ Material BOM*
Transaction code	CS80



Specify the material, plant and BOM usage in the fields and press Enter. The next screen is displayed.
In this screen, specify the date from which the changes are to be viewed. By default, the system displays a date.
Click on the Document overview button, or select the option Go to □ Document overview. The following screen is displayed.

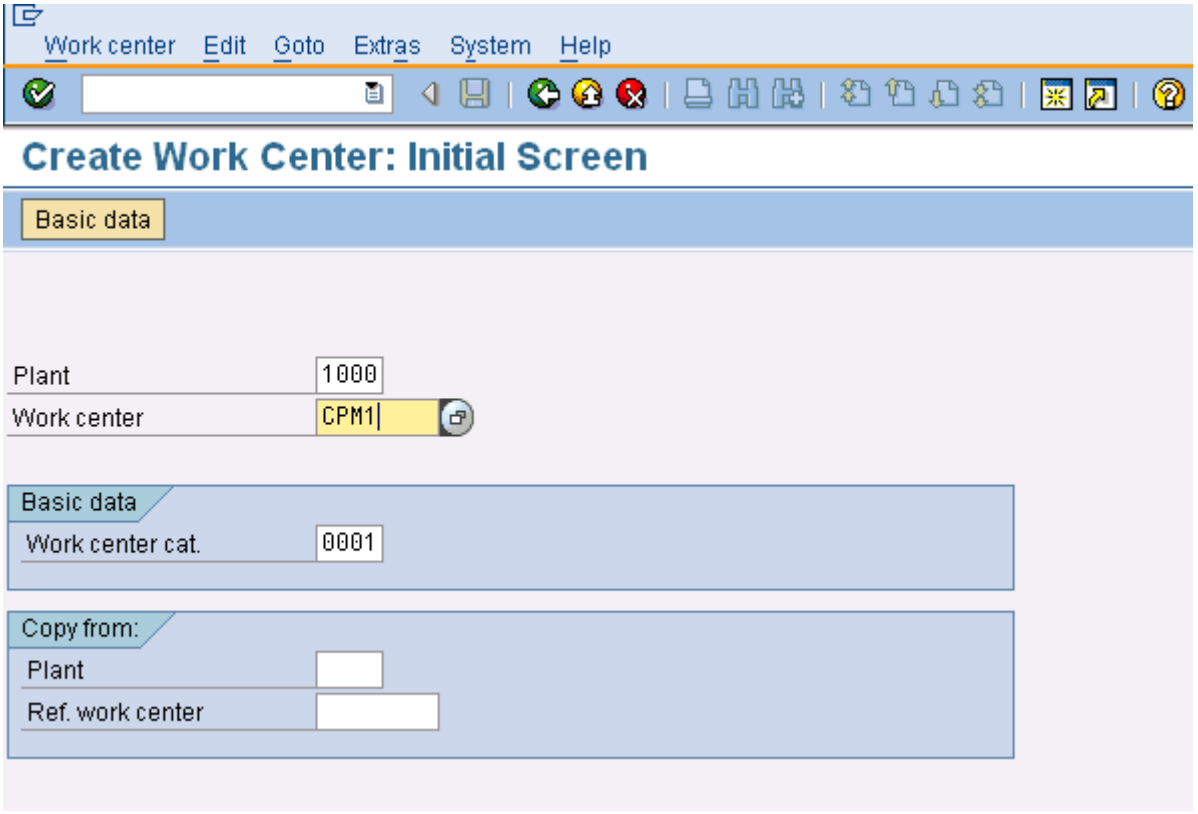


Changed document will be displayed with date, time, and user.

3.3 Work Center

3.3.1 Work Center - Creation

SAP R/3 Menu	*Logistic □ Production □ Master Data □ Work Centers □ Work Center □ Create*
Transaction code	**CR01**



Enter Plant, Work Center
And Work Center category – 0001 Machine.

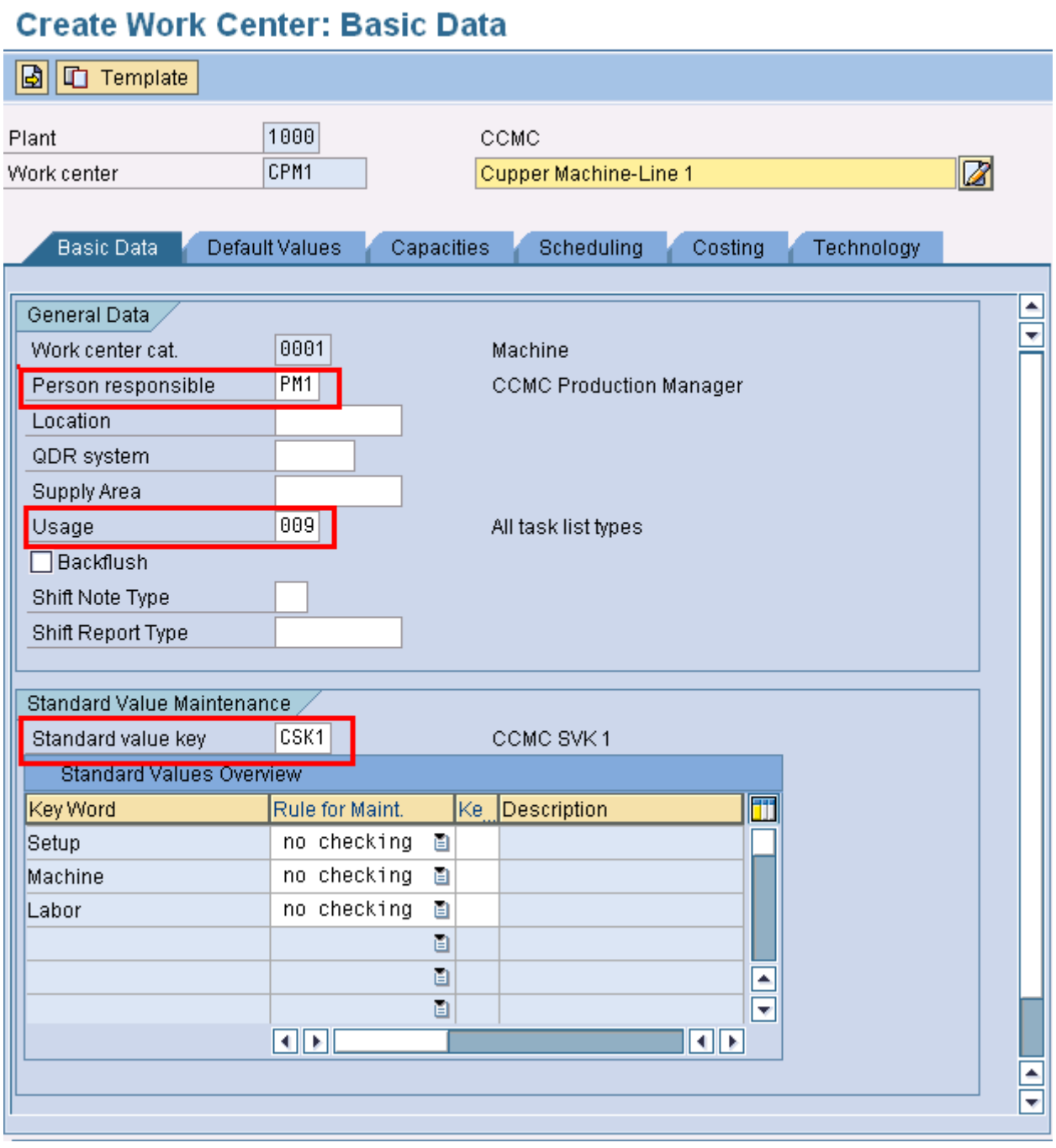
And press enter.

Work Center has the following views:

- Basic data
- Default data
- Capacities

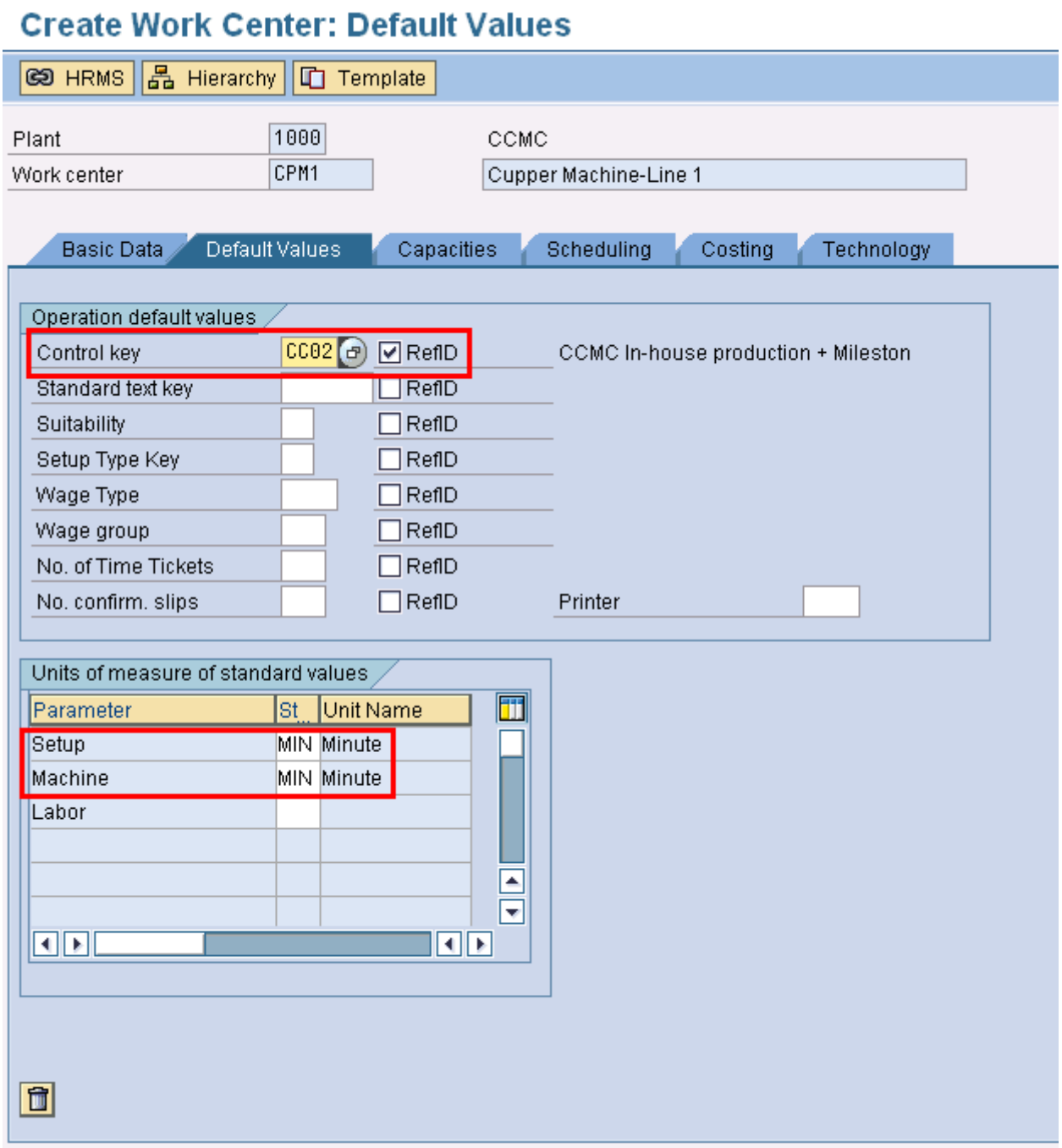
- Scheduling
- Costing

In Basic Data Tab:



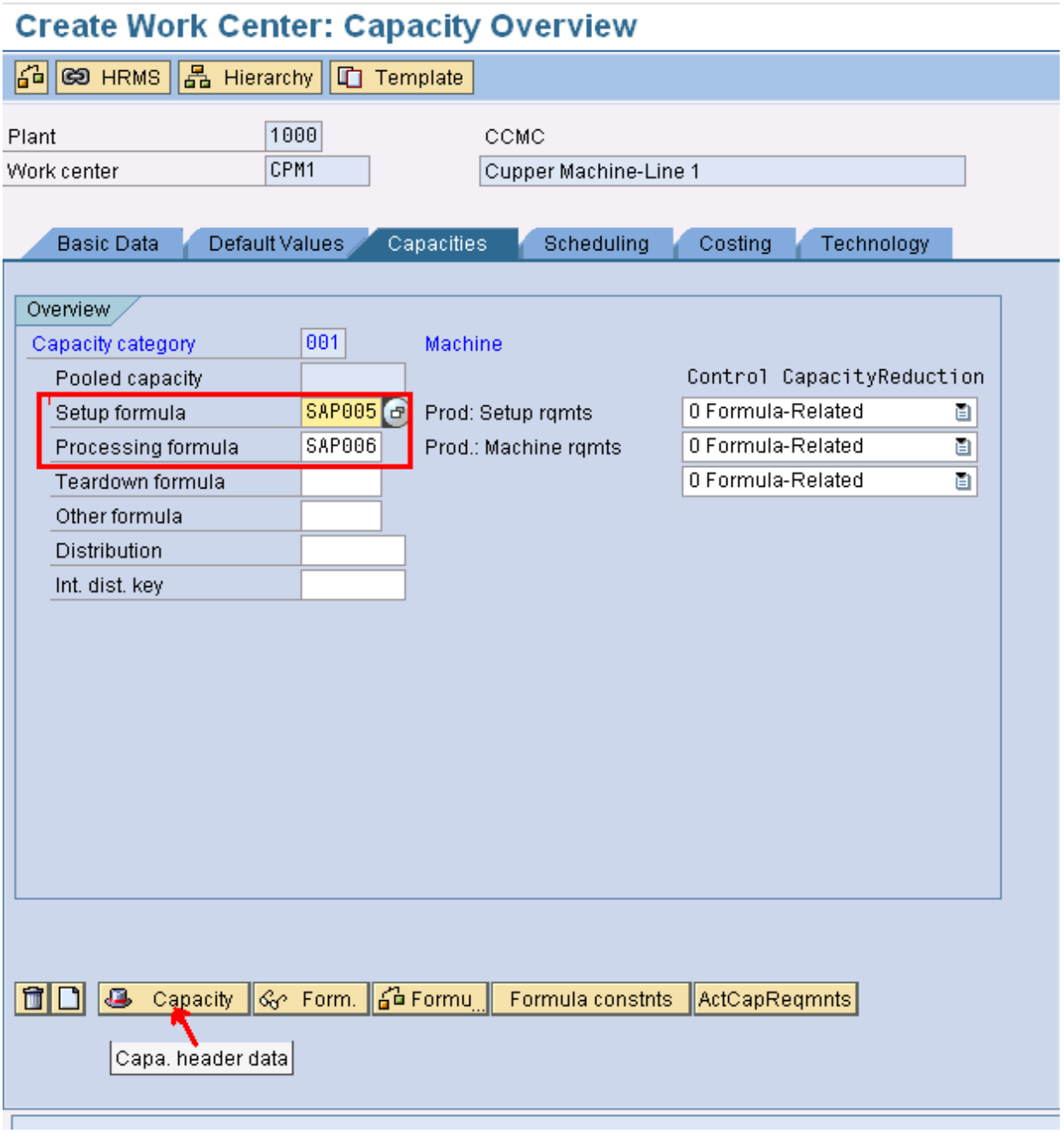
Enter the description of the Work Center
And enter Person responsible – PM1 CCMC Production Manager
Usage – 009 All task list types
Standard value key – CSK1 CCMC SVK 1

In Default values Tab:



Enter Control key – CC02 CCMC In-house production + Milestone confirmation,
Tick mark in the Ref ID,
In Setup and Machine field enter the units for standard values – min

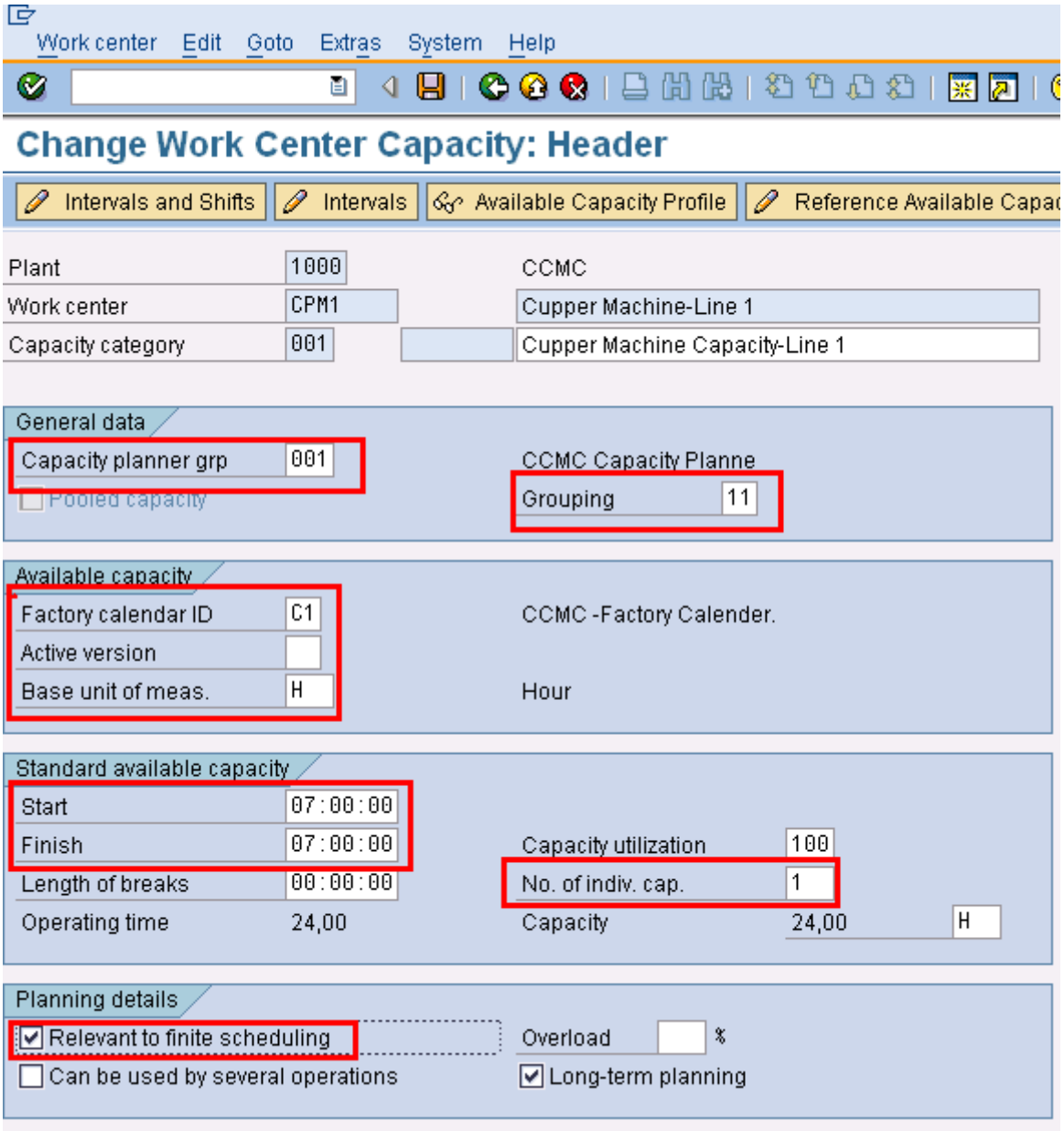
In Capacities Tab:



Enter in the Setup formula field – SAP005 Prod: Setup rqmts
And in the Processing formula field – SAP006 Prod: Machine rqmts

And click the Capacity button.

In Capacity Header screen:



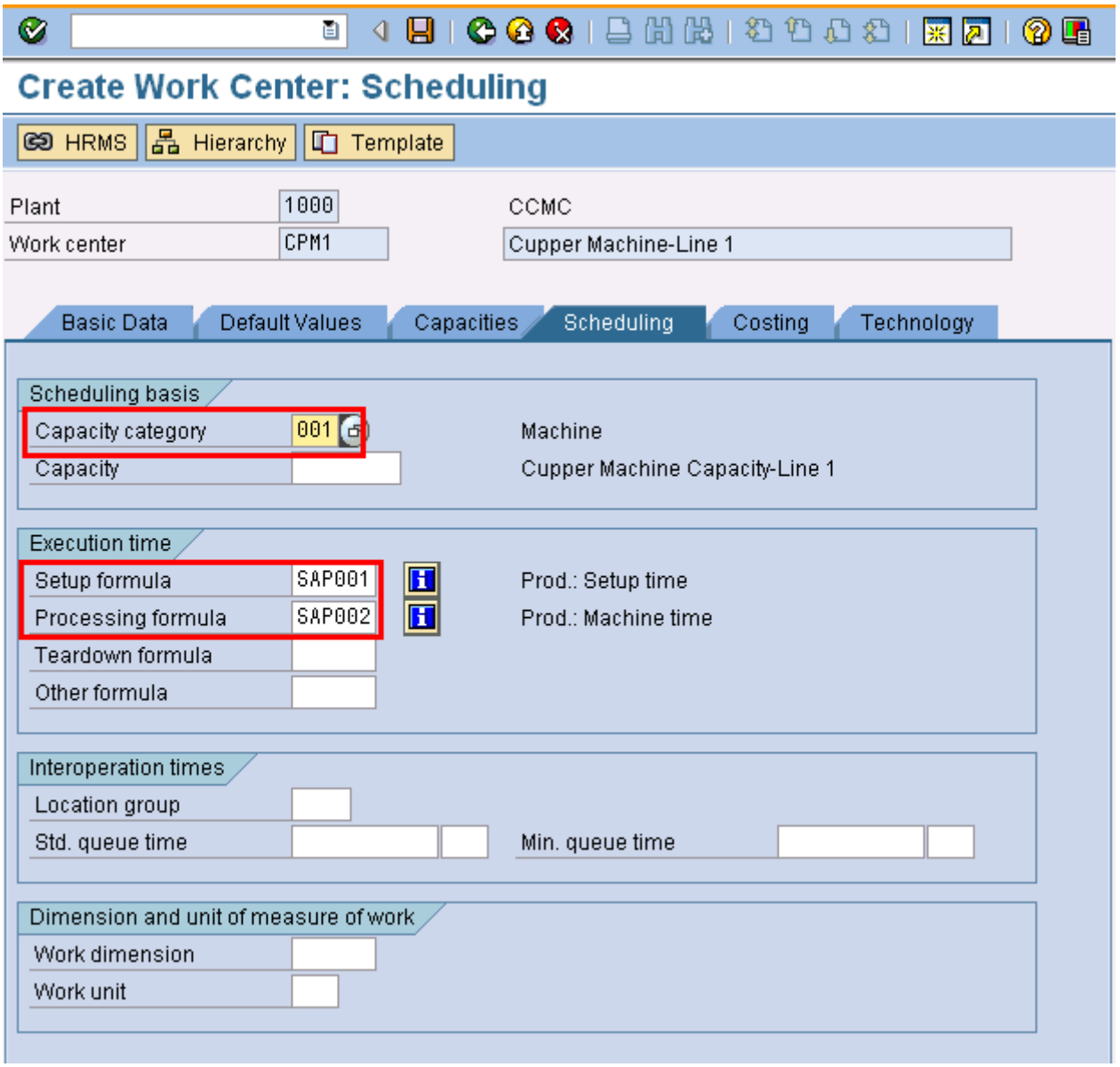
Enter Capacity category description,

Capacity planner group – 001 CCMC Capacity Planner
Grouping – 11
Factory calendar ID – C1 CCMC Factory Calendar
Base unit of measure – H Hour

Standard available capacity, start and finish time
No of individual capacity

And enter tick mark in 'Relevant to finite scheduling' box

In Scheduling Tab:



Enter the Capacity category – 001 Machine

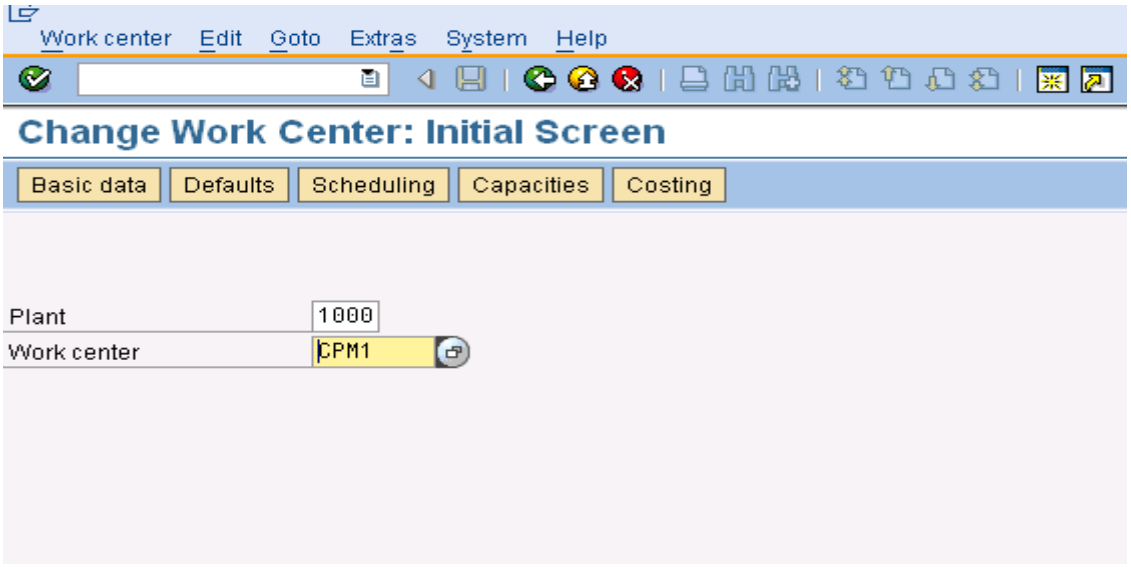
Setup formula – SAP001
Processing formula – SAP002

In Costing Tab:

Screen shot

3.3.2 Work Center - Change

SAP R/3 Menu	*Logistic □ Production □ Master Data □ Work Centers □ Work Center □ Change*
Transaction code	CR02



Enter plant and work center number, for the work center which is to be changed.
After changing, click on “Save” icon to save & exit.

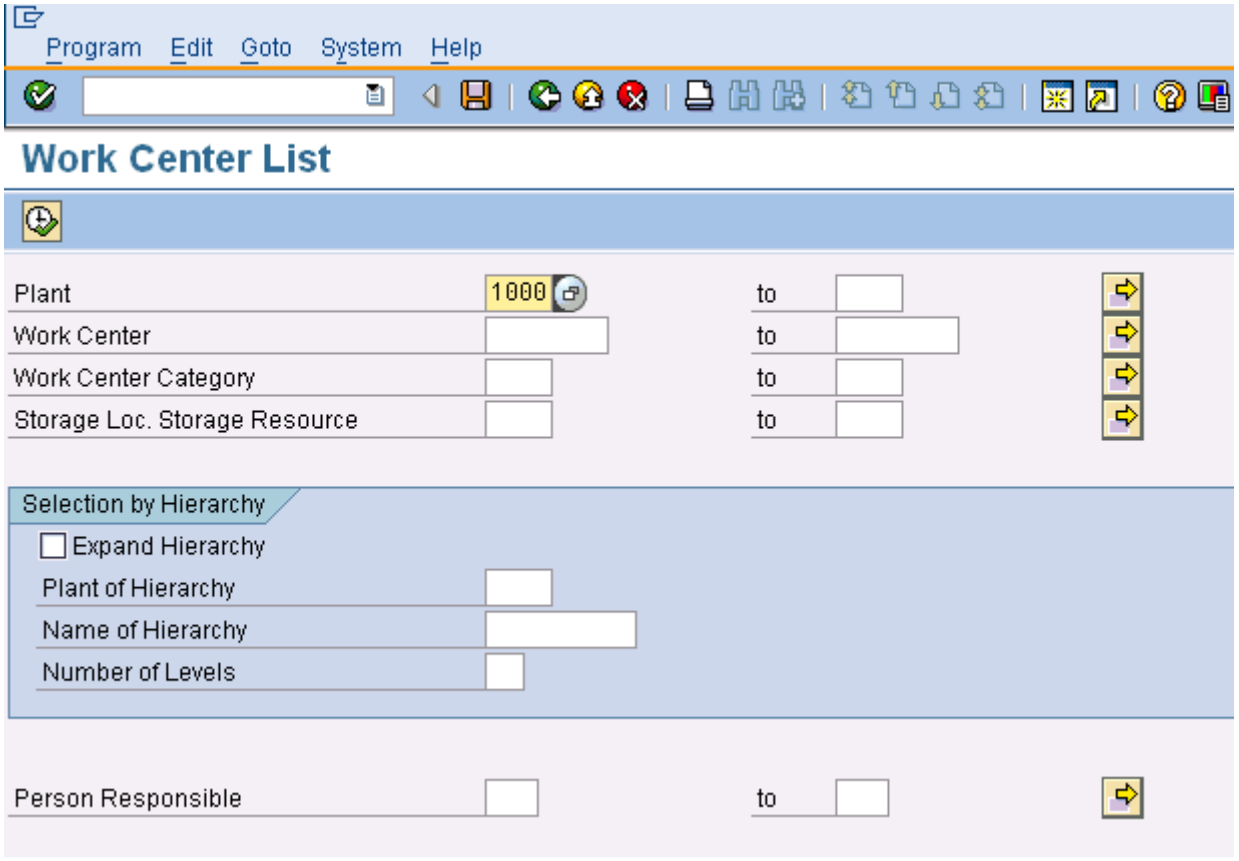
3.3.3 Work Center - Display

SAP R/3 Menu	*Logistic □ Production □ Master Data □ Work Centers □ Work Center □ Display*
Transaction code	CR03

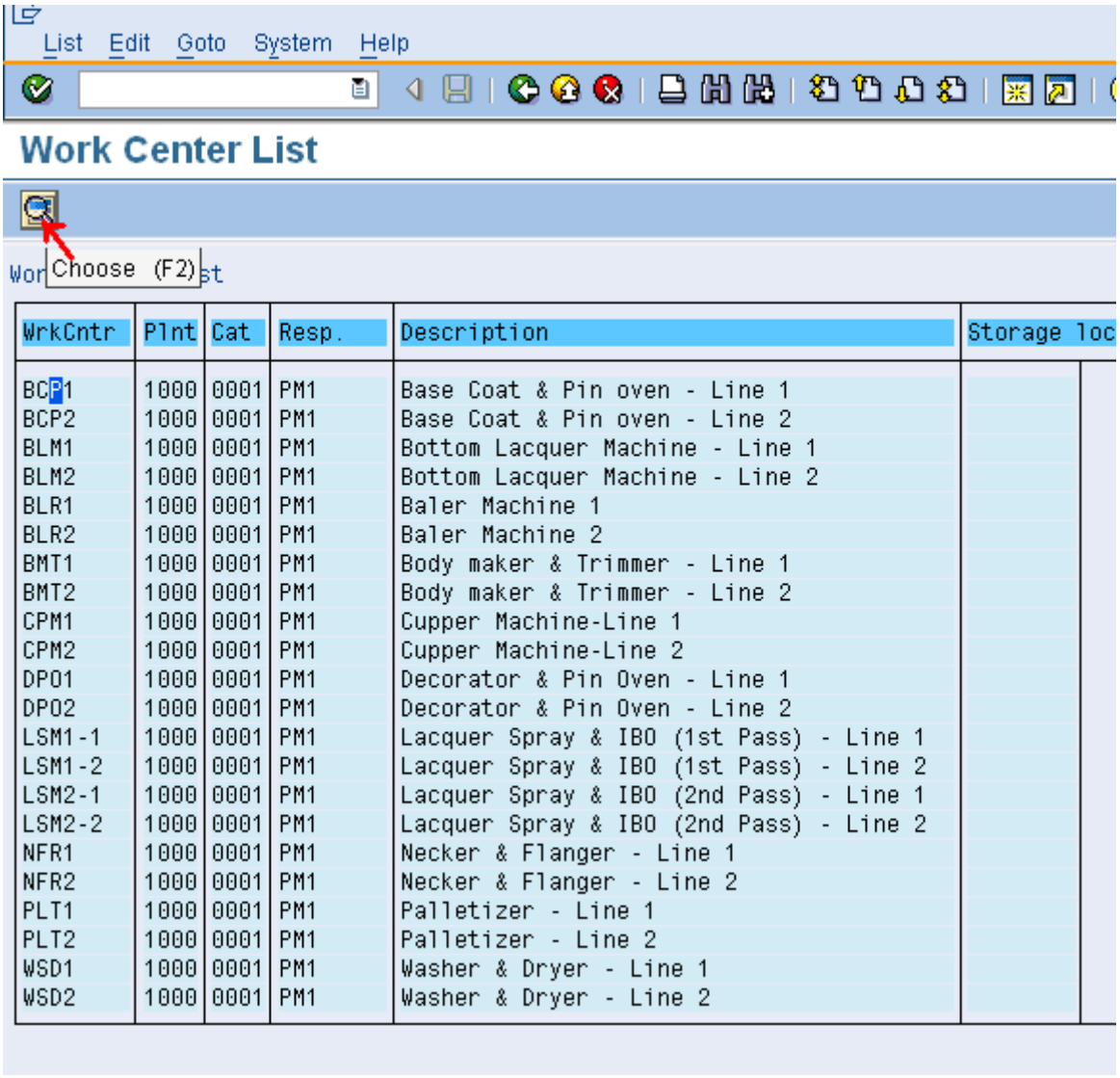
As the same as change work center, Enter plant and work center number to display the work center.

3.3.4 Work Center – Work Center list

SAP R/3 Menu	*Logistic □ Production □ Master Data □ Work Centers □ Work Center □ Reporting □ Work Center list*
Transaction code	CR05



Enter the name of the plant and execute , All the Work Centers in the plant views.

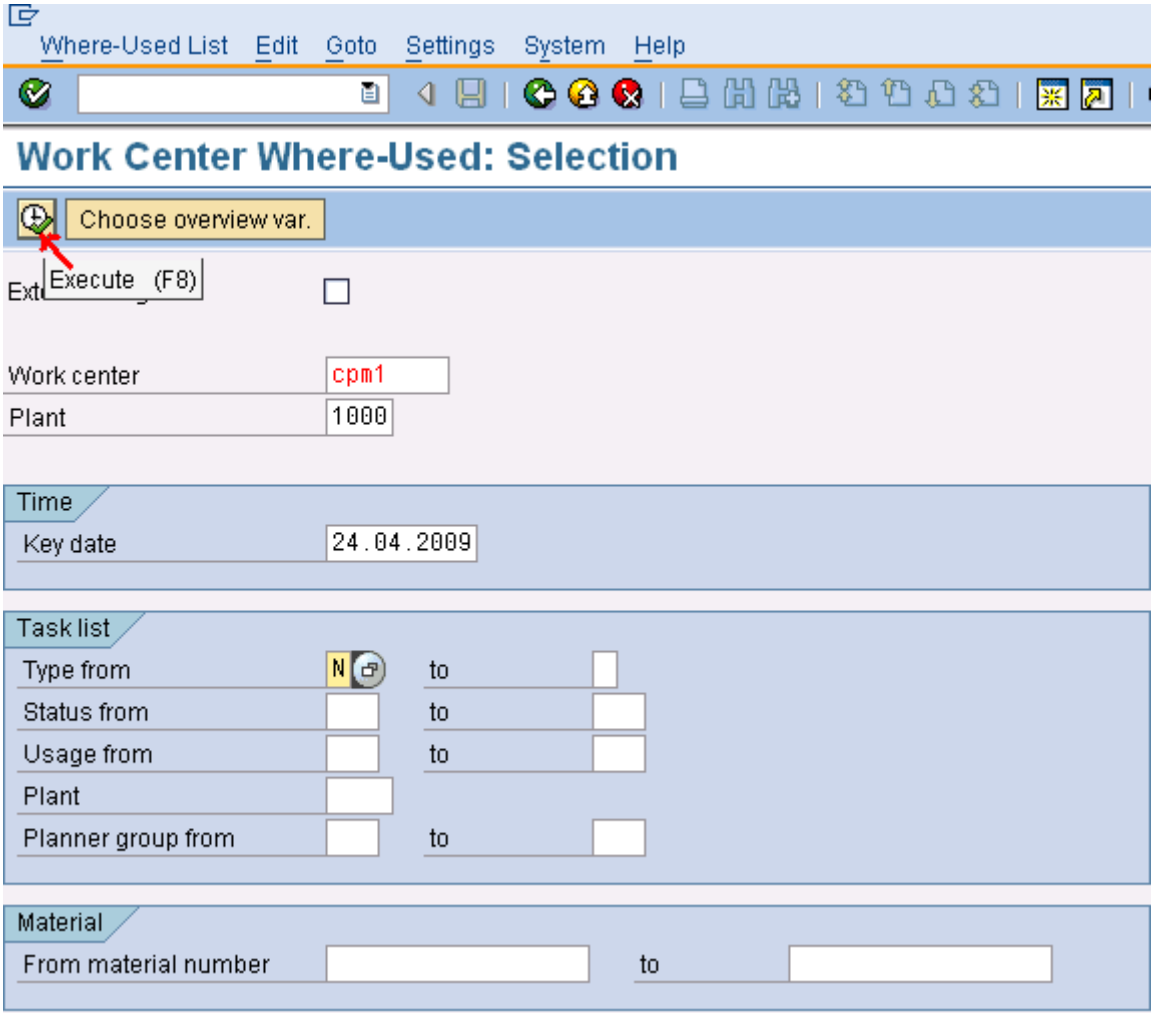


WrkCntr	Plnt	Cat	Resp.	Description	Storage loc
BCP1	1000	0001	PM1	Base Coat & Pin oven - Line 1	
BCP2	1000	0001	PM1	Base Coat & Pin oven - Line 2	
BLM1	1000	0001	PM1	Bottom Lacquer Machine - Line 1	
BLM2	1000	0001	PM1	Bottom Lacquer Machine - Line 2	
BLR1	1000	0001	PM1	Baler Machine 1	
BLR2	1000	0001	PM1	Baler Machine 2	
BMT1	1000	0001	PM1	Body maker & Trimmer - Line 1	
BMT2	1000	0001	PM1	Body maker & Trimmer - Line 2	
CPM1	1000	0001	PM1	Cupper Machine-Line 1	
CPM2	1000	0001	PM1	Cupper Machine-Line 2	
DPO1	1000	0001	PM1	Decorator & Pin Oven - Line 1	
DPO2	1000	0001	PM1	Decorator & Pin Oven - Line 2	
LSM1-1	1000	0001	PM1	Lacquer Spray & IBO (1st Pass) - Line 1	
LSM1-2	1000	0001	PM1	Lacquer Spray & IBO (1st Pass) - Line 2	
LSM2-1	1000	0001	PM1	Lacquer Spray & IBO (2nd Pass) - Line 1	
LSM2-2	1000	0001	PM1	Lacquer Spray & IBO (2nd Pass) - Line 2	
NFR1	1000	0001	PM1	Necker & Flanger - Line 1	
NFR2	1000	0001	PM1	Necker & Flanger - Line 2	
PLT1	1000	0001	PM1	Palletizer - Line 1	
PLT2	1000	0001	PM1	Palletizer - Line 2	
WSD1	1000	0001	PM1	Washer & Dryer - Line 1	
WSD2	1000	0001	PM1	Washer & Dryer - Line 2	

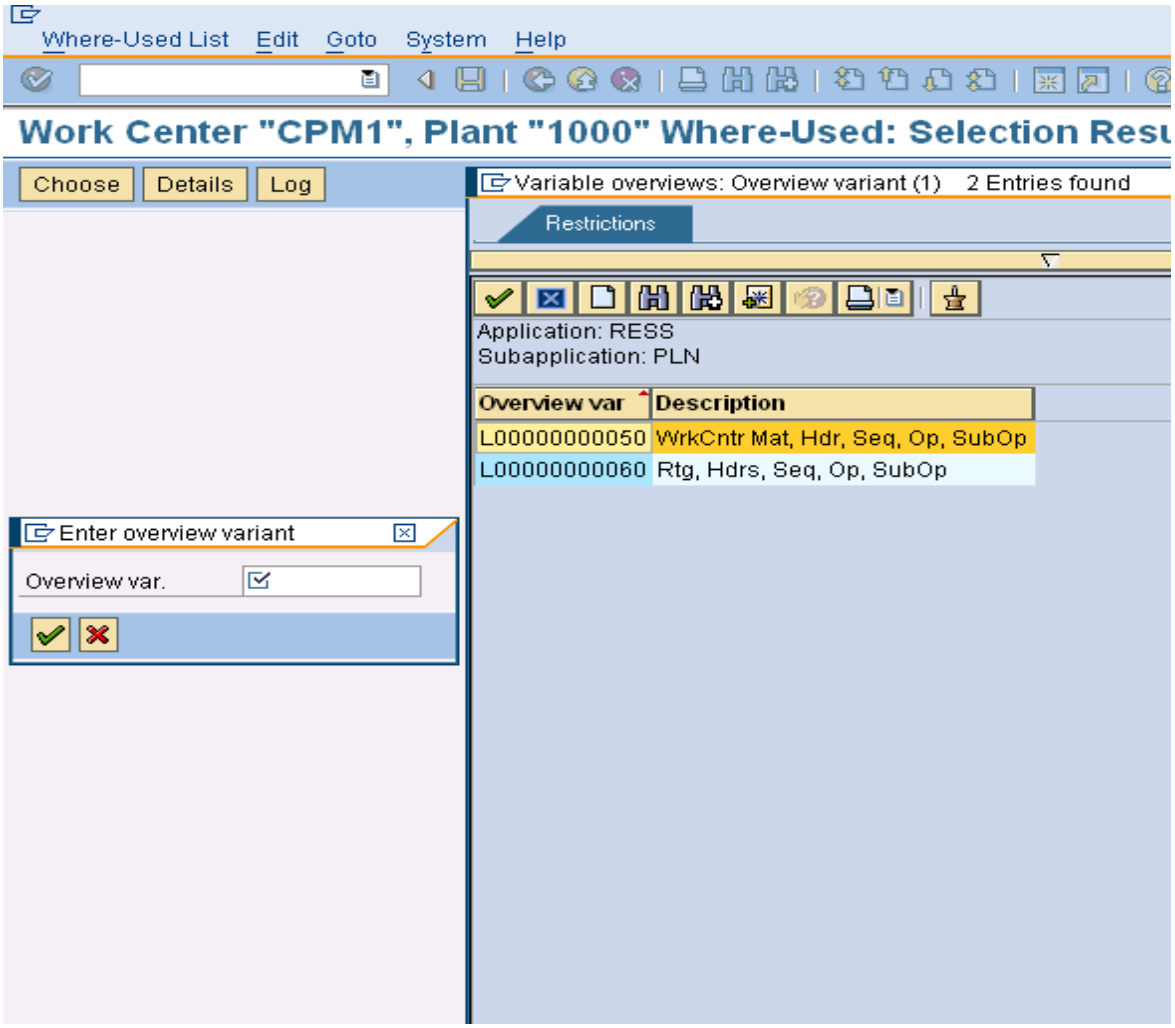
If further want to see the details of particular work center, select the work center and click choose. That particular work center is viewed.

3.3.5 Work Center – Where Used

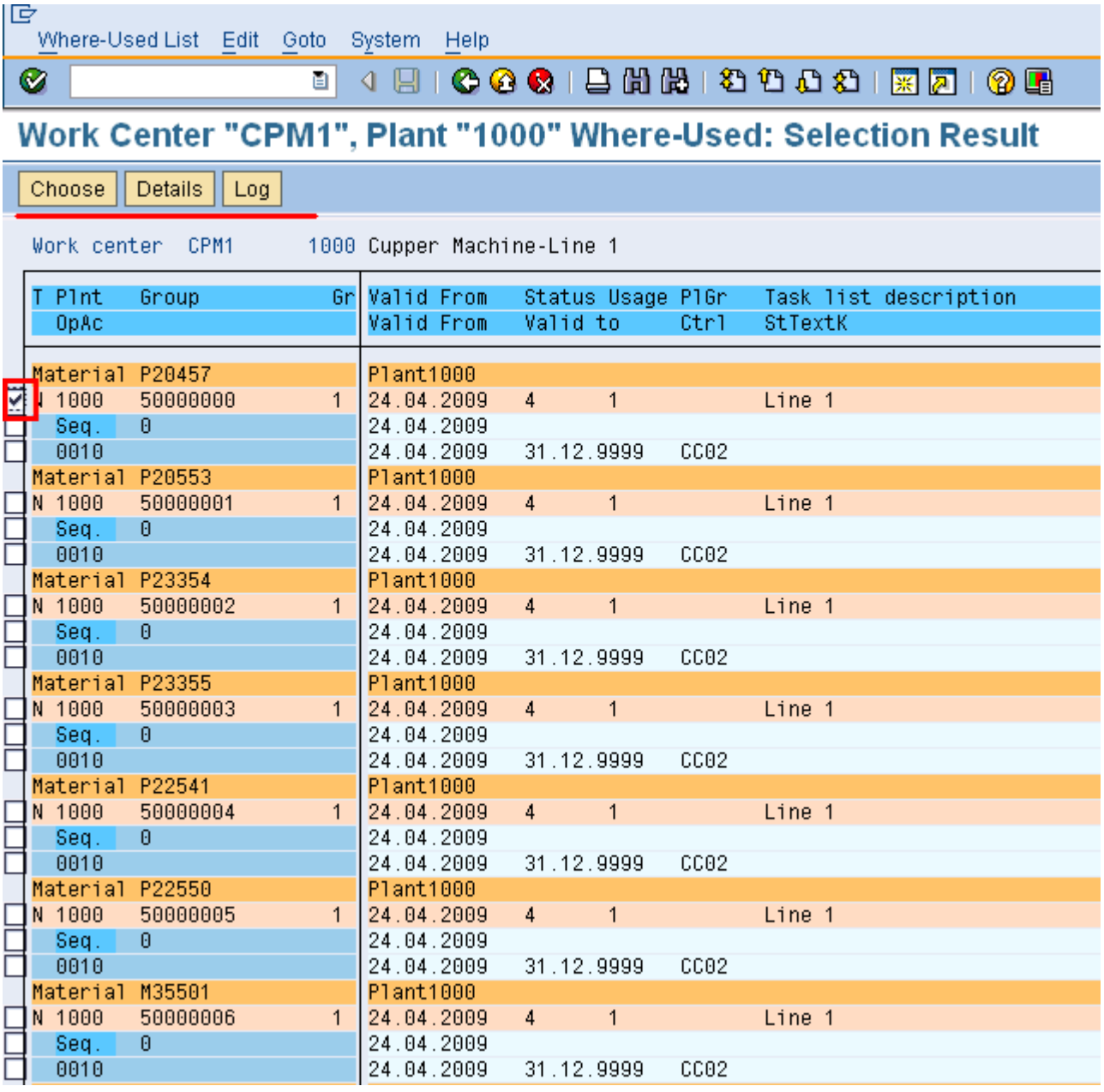
SAP R/3 Menu	*Logistic □ Production □ Master Data □ Work Centers □ Work Center □ Reporting □ Where used □ Work Center*
Transaction code	CA80



Fill the Work Center, Plant and Task List type (N – Routing)



In the Overview variant, select L00000000060 and click continue



Where-Used List Edit Goto System Help

Work Center "CPM1", Plant "1000" Where-Used: Selection Result

Choose | Details | Log

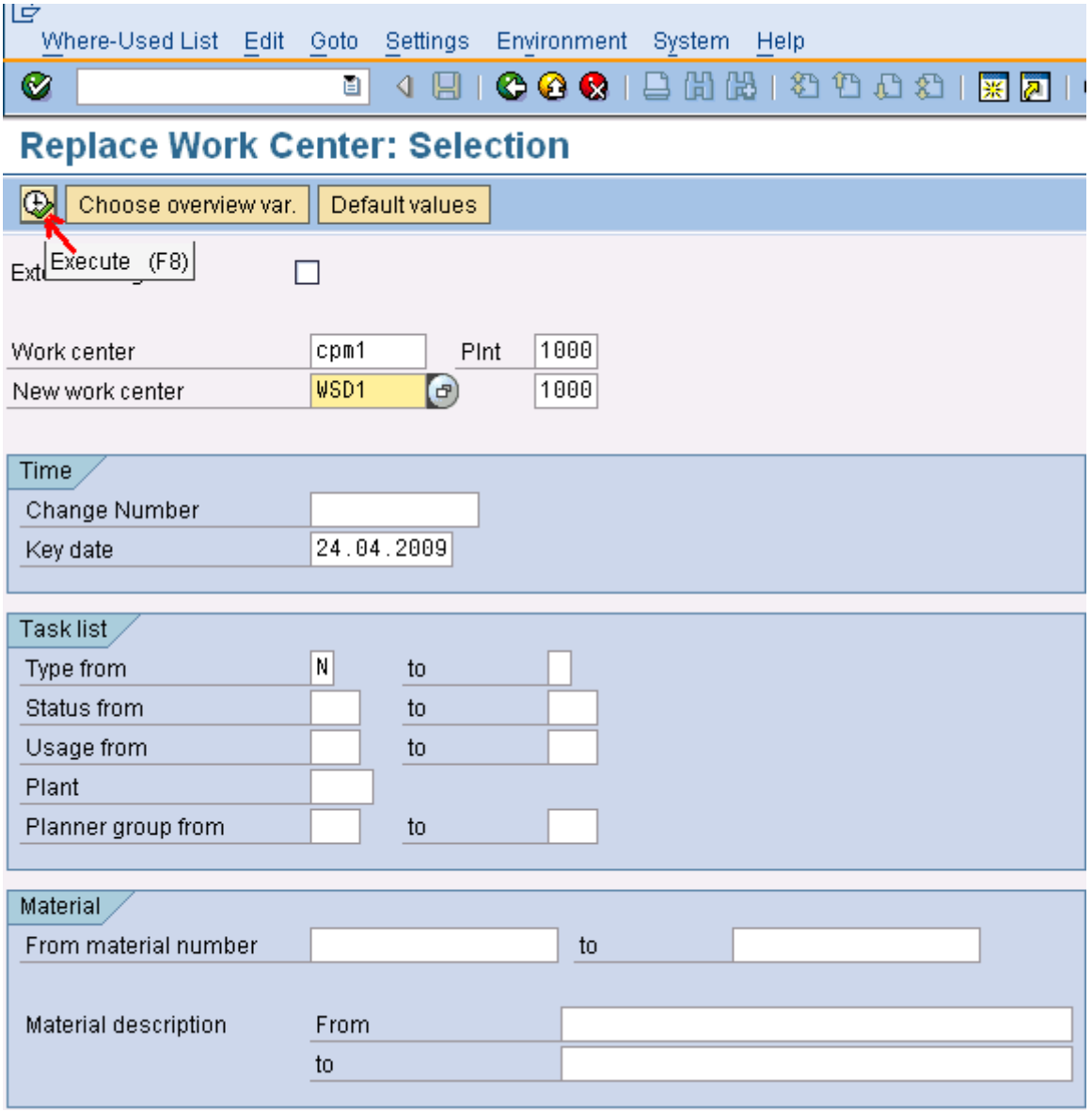
Work center CPM1 1000 Cupper Machine-Line 1

T	Plnt	Group	Gr	Valid From	Status	Usage	PlGr	Task list description
	OpAc			Valid From	Valid to		Ctrl	StTextK
	Material	P20457		Plant1000				
N	1000	50000000	1	24.04.2009	4	1		Line 1
	Seq.	0		24.04.2009				
	0010			24.04.2009	31.12.9999		CC02	
	Material	P20553		Plant1000				
N	1000	50000001	1	24.04.2009	4	1		Line 1
	Seq.	0		24.04.2009				
	0010			24.04.2009	31.12.9999		CC02	
	Material	P23354		Plant1000				
N	1000	50000002	1	24.04.2009	4	1		Line 1
	Seq.	0		24.04.2009				
	0010			24.04.2009	31.12.9999		CC02	
	Material	P23355		Plant1000				
N	1000	50000003	1	24.04.2009	4	1		Line 1
	Seq.	0		24.04.2009				
	0010			24.04.2009	31.12.9999		CC02	
	Material	P22541		Plant1000				
N	1000	50000004	1	24.04.2009	4	1		Line 1
	Seq.	0		24.04.2009				
	0010			24.04.2009	31.12.9999		CC02	
	Material	P22550		Plant1000				
N	1000	50000005	1	24.04.2009	4	1		Line 1
	Seq.	0		24.04.2009				
	0010			24.04.2009	31.12.9999		CC02	
	Material	M35501		Plant1000				
N	1000	50000006	1	24.04.2009	4	1		Line 1
	Seq.	0		24.04.2009				
	0010			24.04.2009	31.12.9999		CC02	

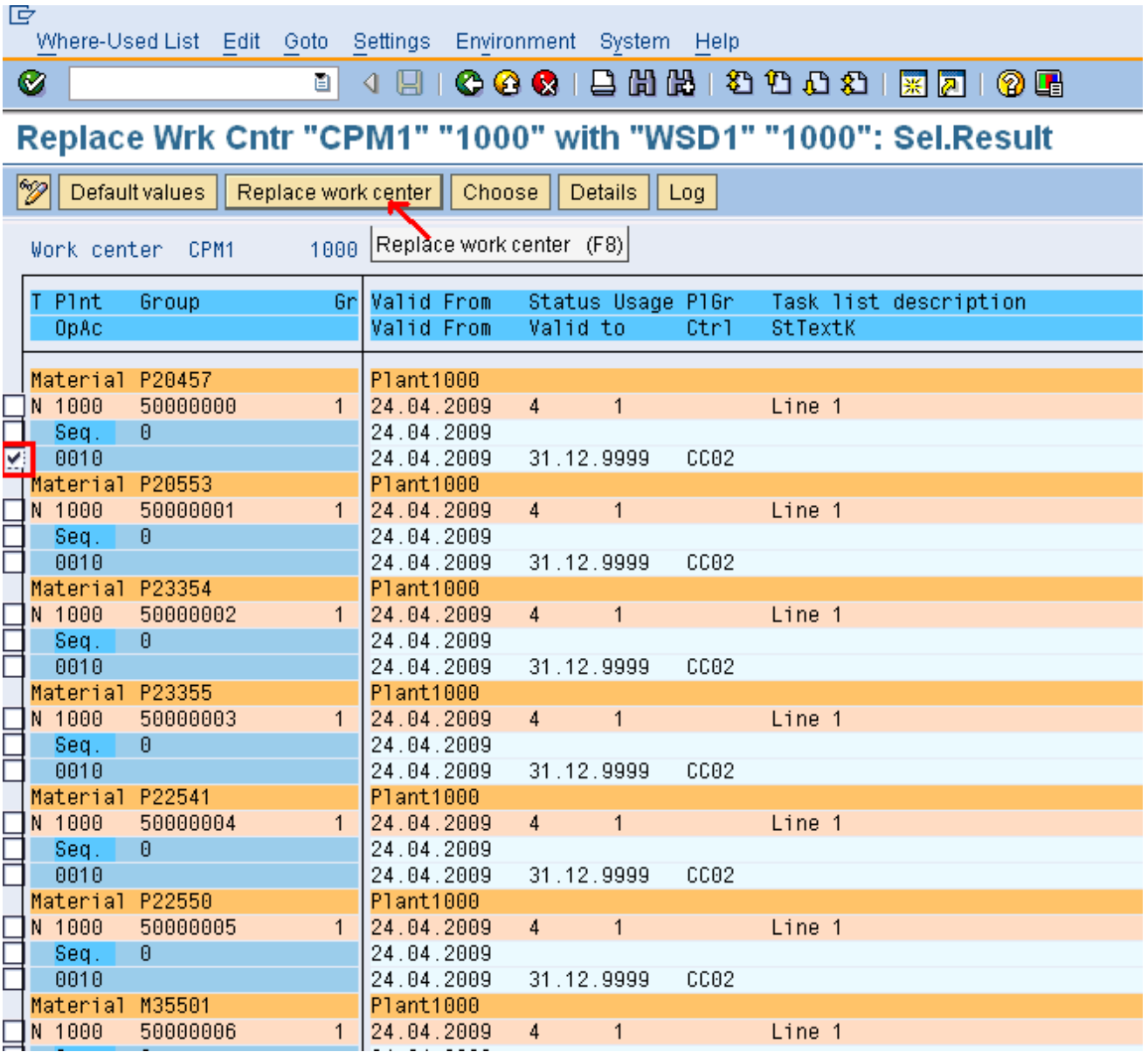
In which task list this work center is used will be displayed, by selecting the work center box and click the choose or details button, it will display the task list and the details.

3.3.6 Work Center - Replace

SAP R/3 Menu	*Logistic □ Production □ Master Data □ Work Centers □ Work Center □ Replace*
Transaction code	**CA85**



Update the New Work Center with the work center to be replaced with Plant, Task list Type and Material Number. Then click execute.

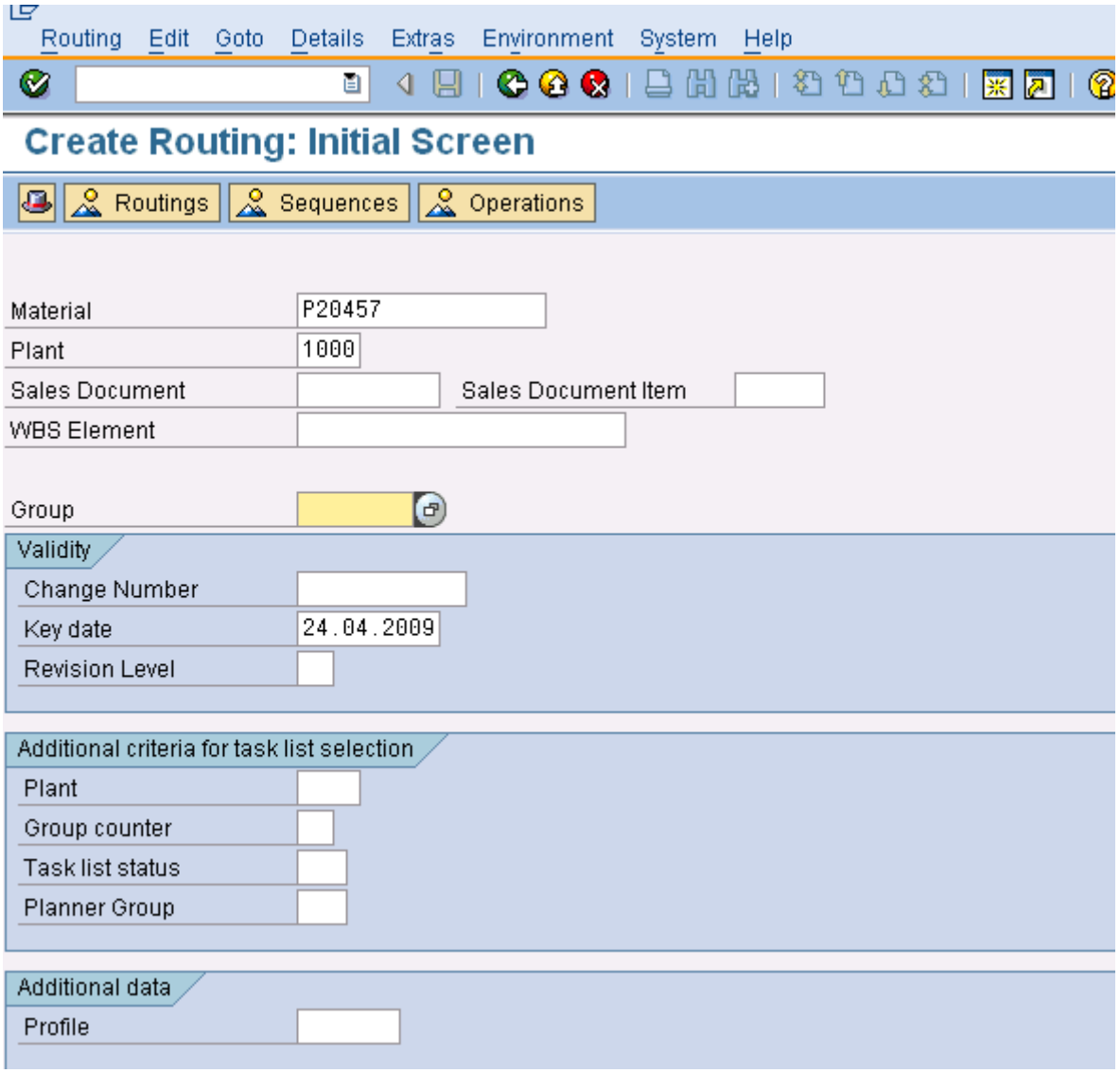


Select the operation where you want to replace the Work Center and Press F8 (Replace)
And Work Center is updated in the task list.

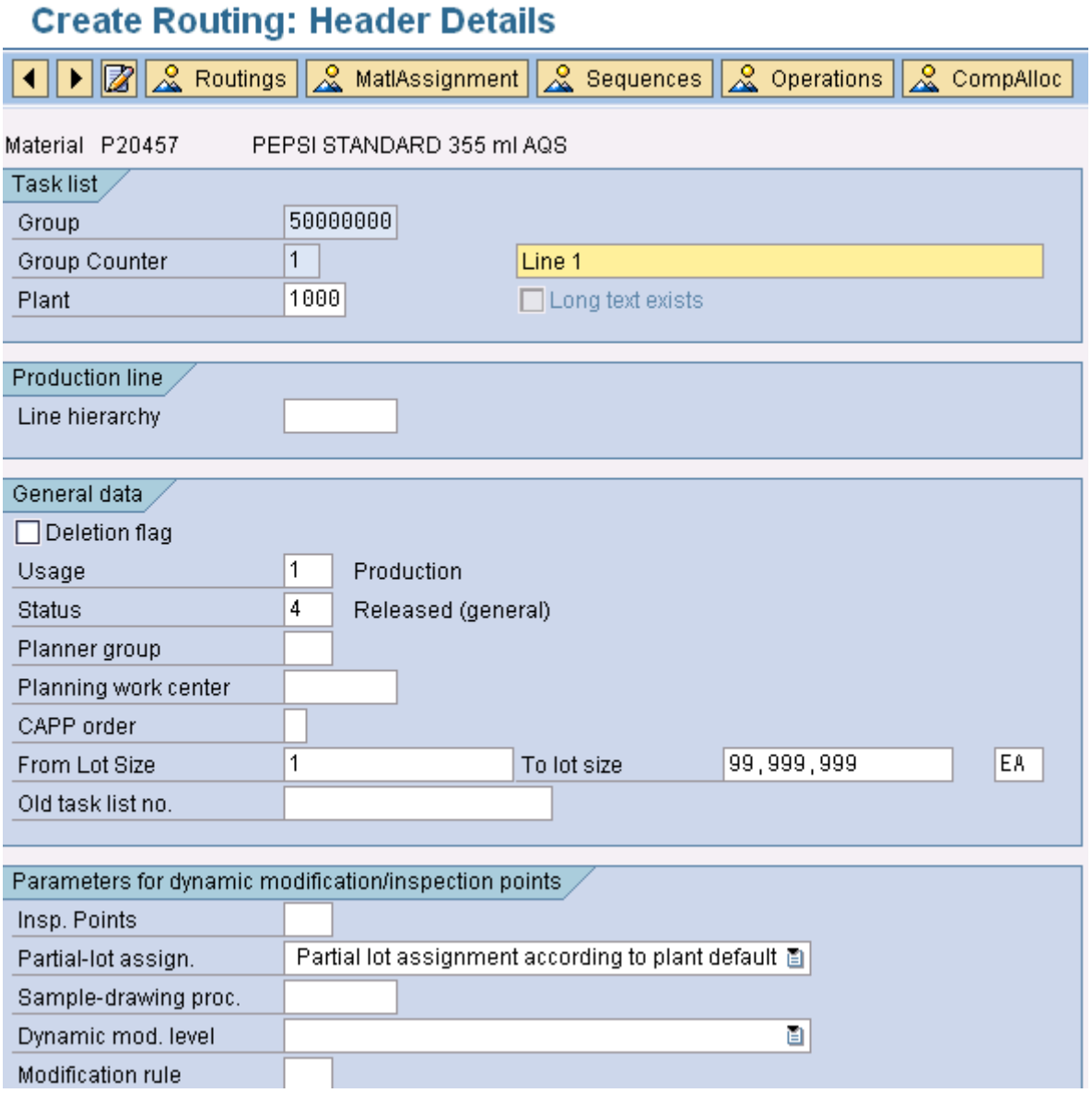
3.4 Routing

3.4.1 Routing - Creation

SAP R/3 Menu	*Logistic □ Production □ Master Data □ Routings □ Routings □ Standard Routings □ Create*
Transaction code	**CA01**

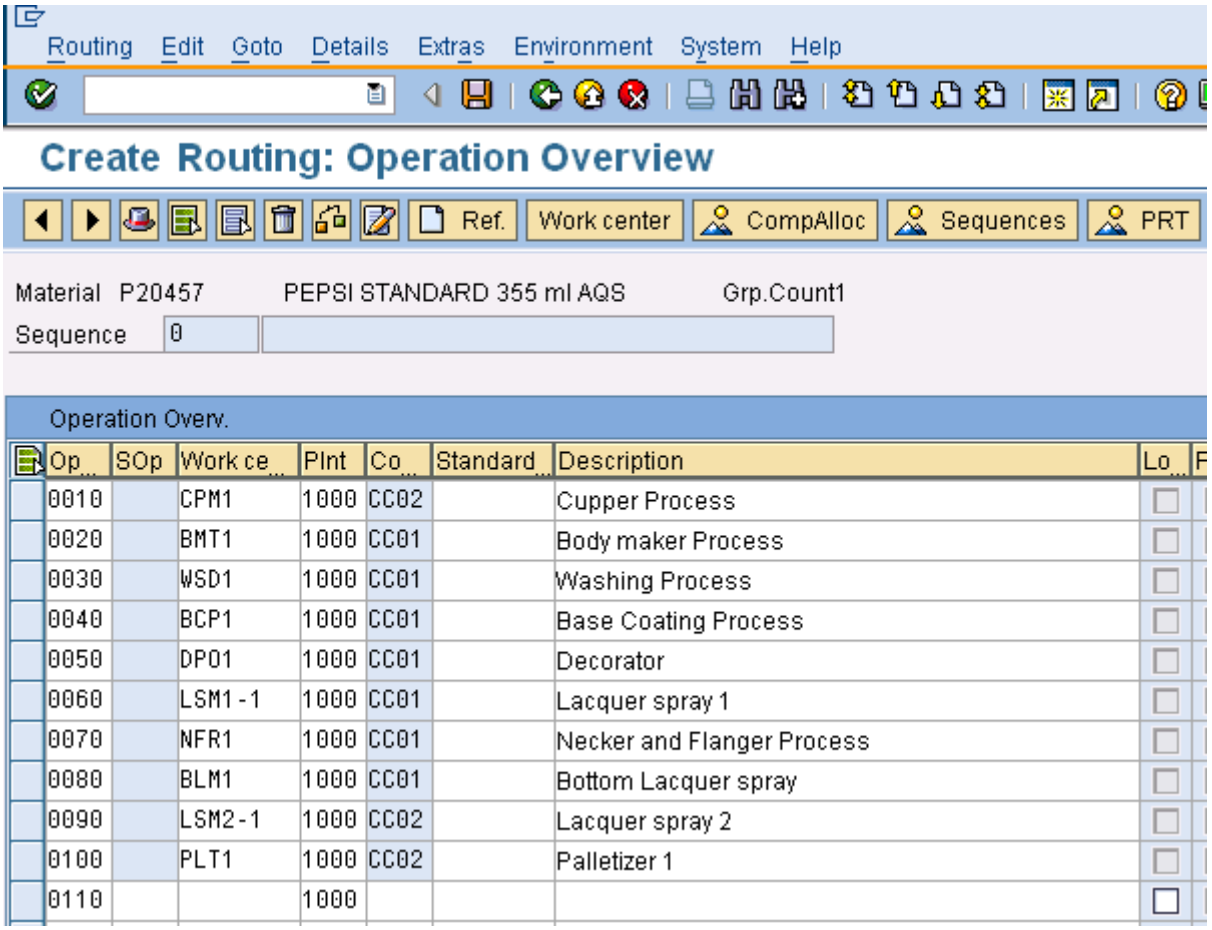


Fill the material and plant fields and press enter.

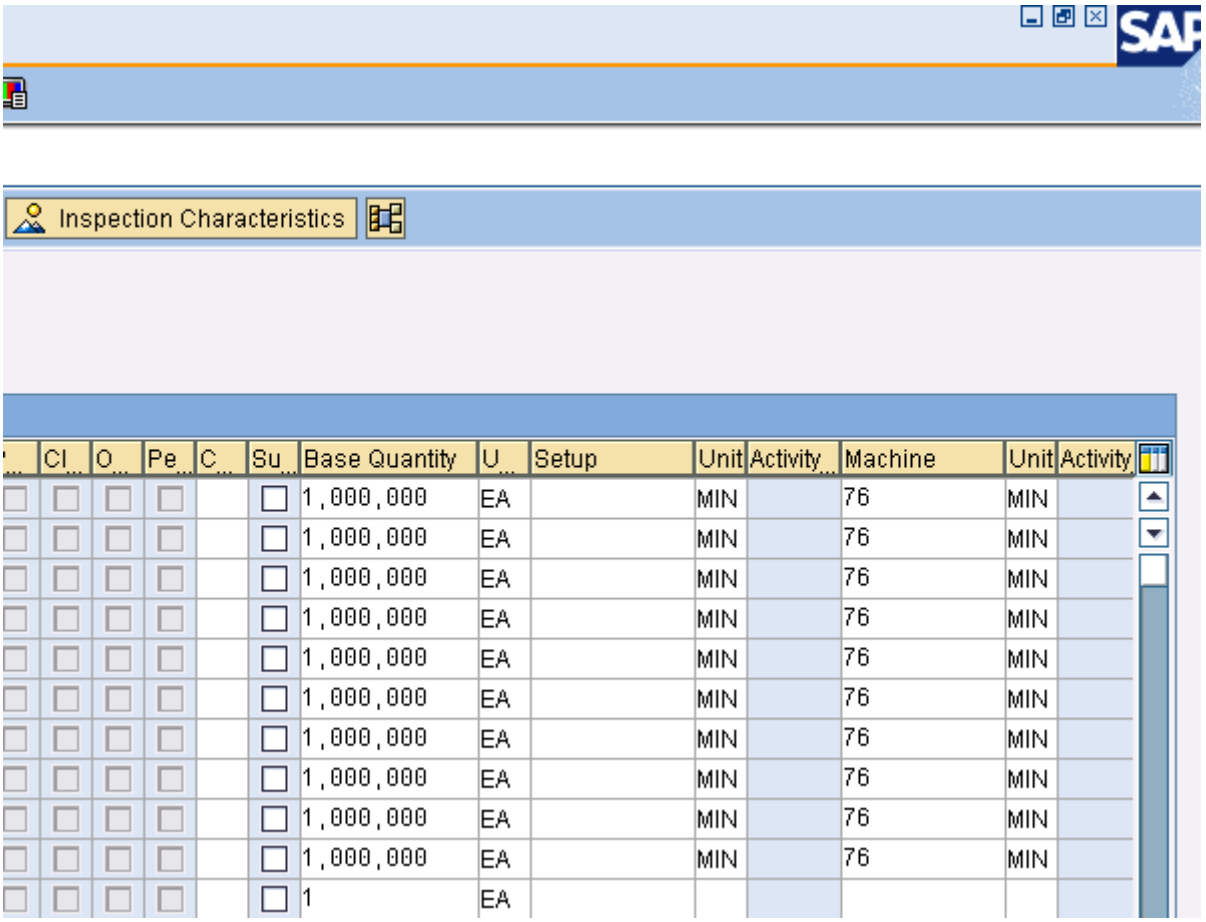


Enter in the description field as Line 1
In Usage field, enter 1 always for Production.
In Status field, Set Status 4 – Released.
In Lot size field, Default setting can be used. No additional data needed.

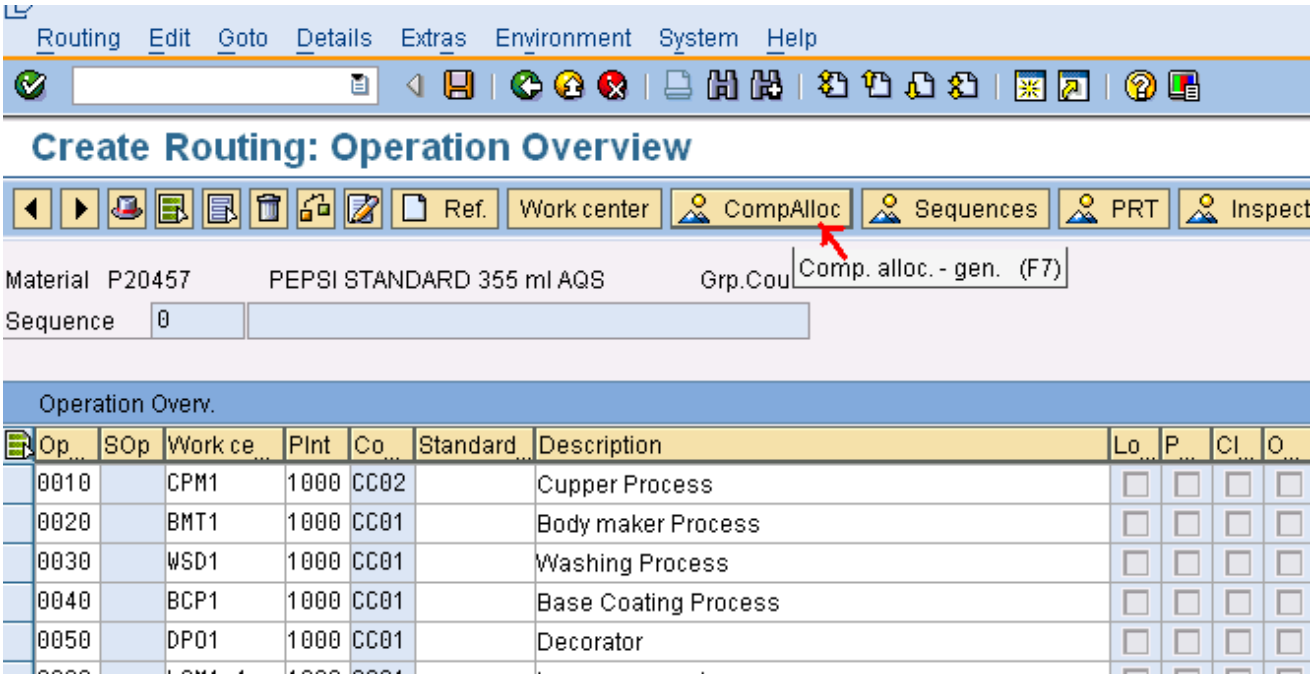
Press enter after the above entries are made. Click on the operations button.



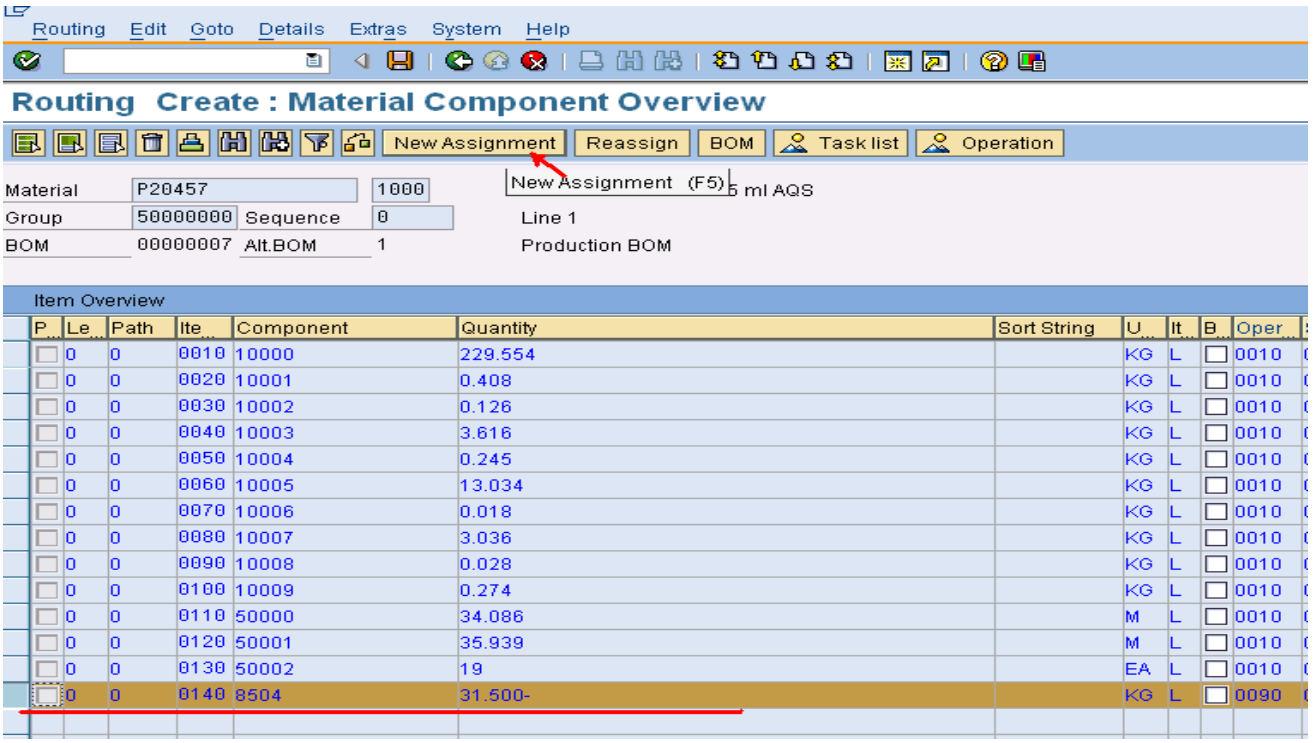
Op	SOp	Work ce	Plnt	Co	Standard	Description	Lo
0010		CPM1	1000	CC02		Cupper Process	
0020		BMT1	1000	CC01		Body maker Process	
0030		WSD1	1000	CC01		Washing Process	
0040		BCP1	1000	CC01		Base Coating Process	
0050		DPO1	1000	CC01		Decorator	
0060		LSM1-1	1000	CC01		Lacquer spray 1	
0070		NFR1	1000	CC01		Necker and Flanger Process	
0080		BLM1	1000	CC01		Bottom Lacquer spray	
0090		LSM2-1	1000	CC02		Lacquer spray 2	
0100		PLT1	1000	CC02		Palletizer 1	
0110			1000				



1. Operation Number: It need not be changed.
2. In Work center field, enter the work center number.
3. In Plant field, plant will come as default.
4. In Control Key field – It will be display as default (Because of reference id indicator in Work center)
5. In the Description field, enter the description to the operation.
6. In the Base quantity field, enter the base quantity for which set up time and the processing Time is defined.
7. In Machine the time for the operation respectively.



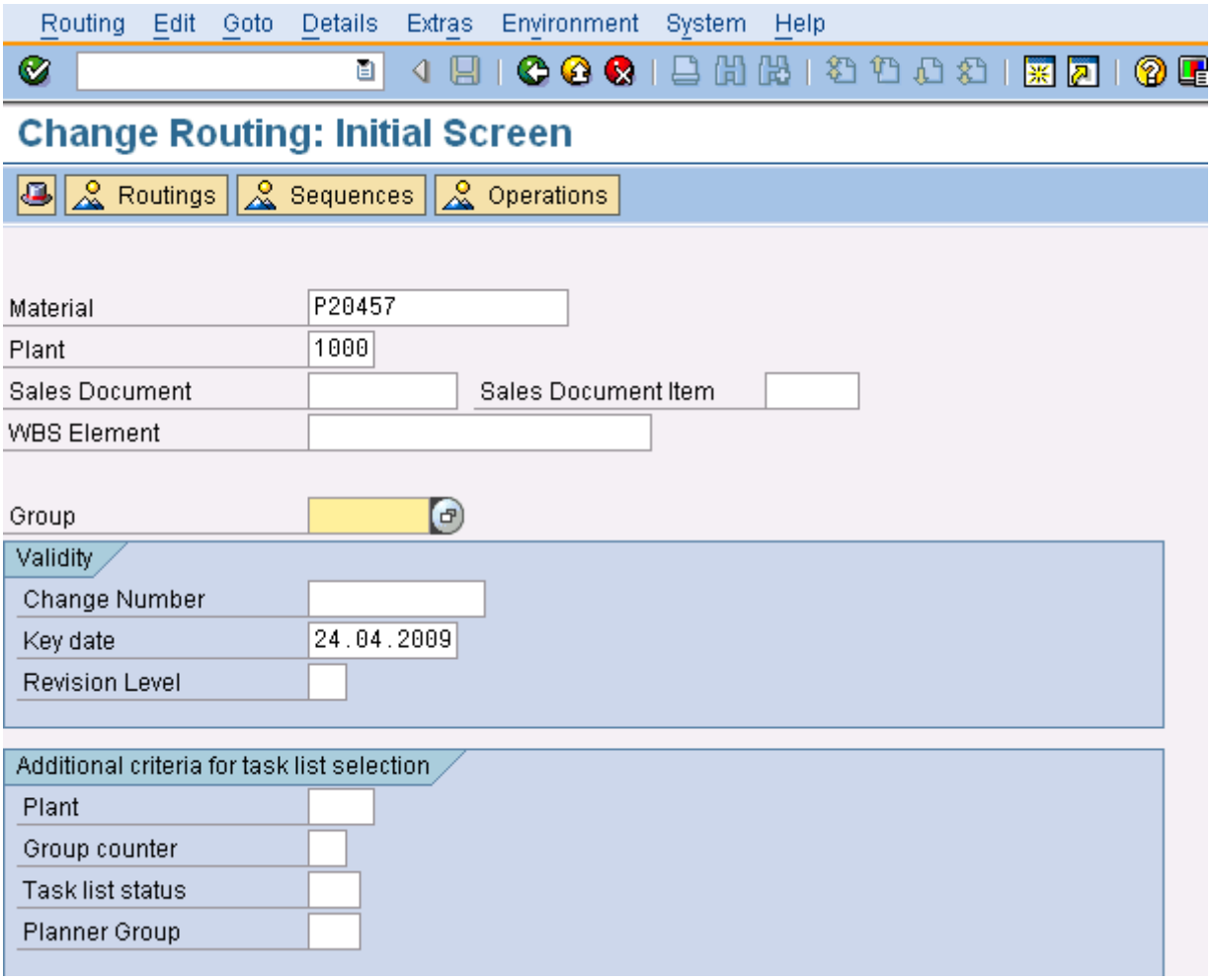
In the tool bar click, Component Allocation tab,



It will list the components for the material from the BOM, Select the component item and click New assignment and assign the operation and save.

3.4.2 Routing - Change

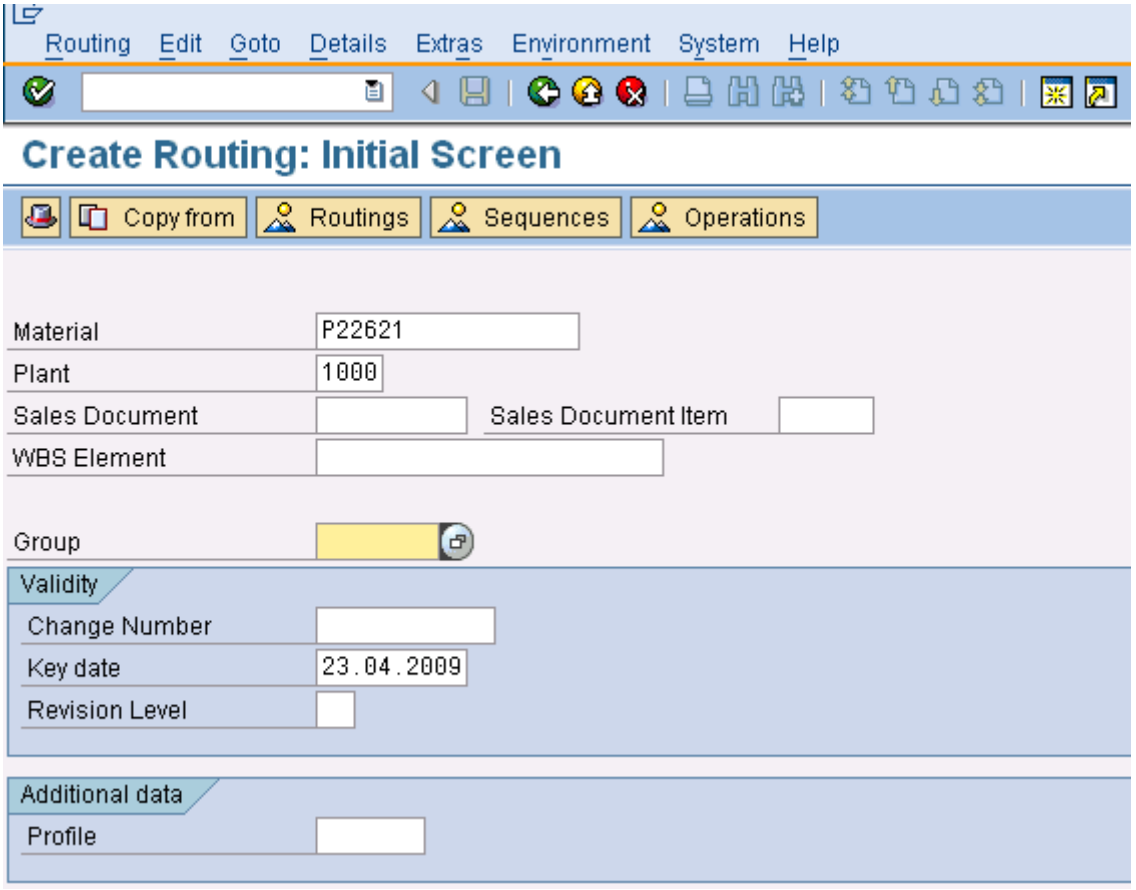
SAP R/3 Menu	*Logistic □ Production □ Master Data □ Routings □ Routings □ Standard Routings □ Change*
Transaction code	**CA02**



Update the Material and plant. Routing will be opened for further changes.
Make changes and save it, routing is changed.

3.4.3 Routing – Alternative Routing Creation

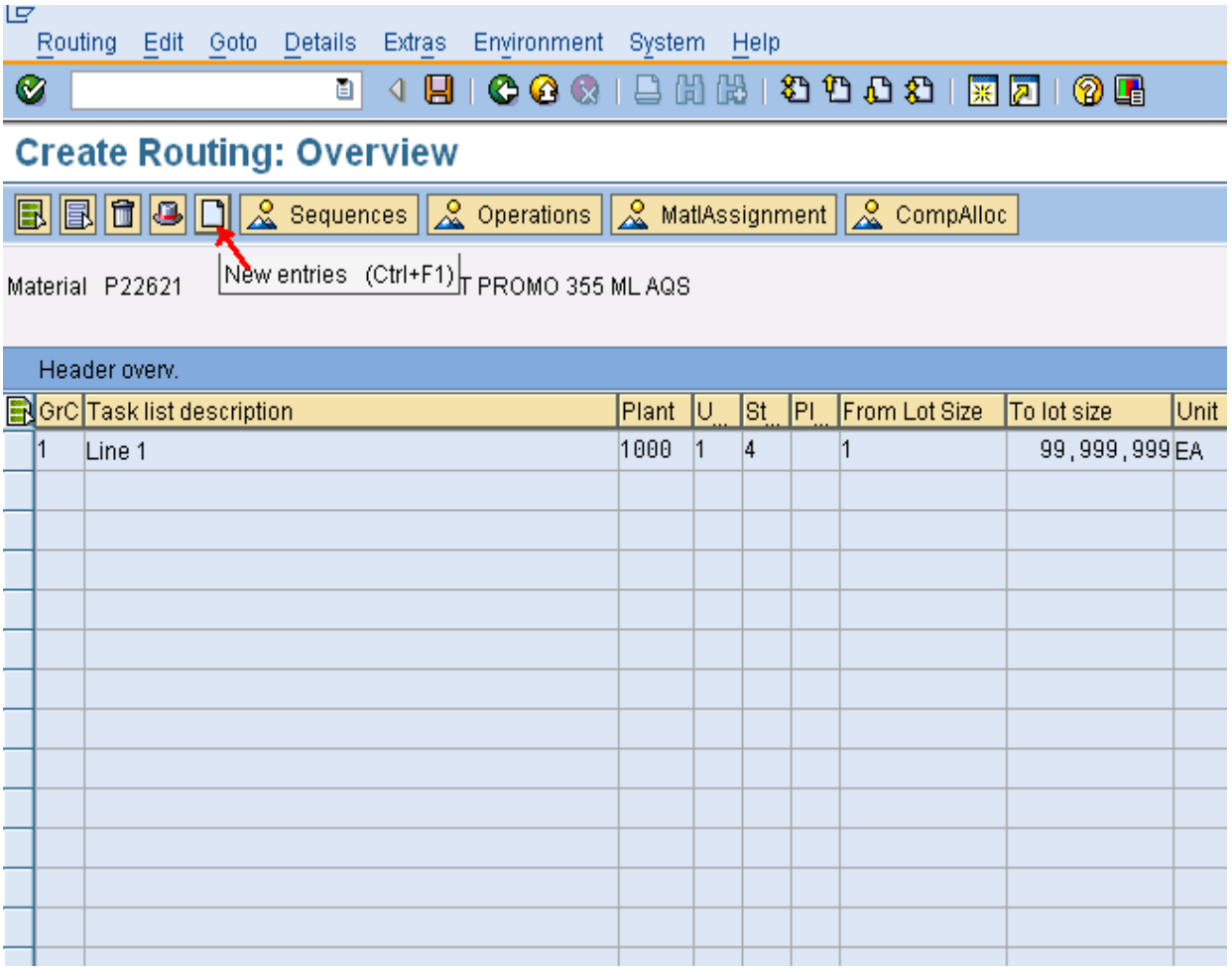
SAP R/3 Menu	*Logistic □ Production □ Master Data □ Routings □ Routings □ Standard Routings □ Create*
Transaction code	**CA01**



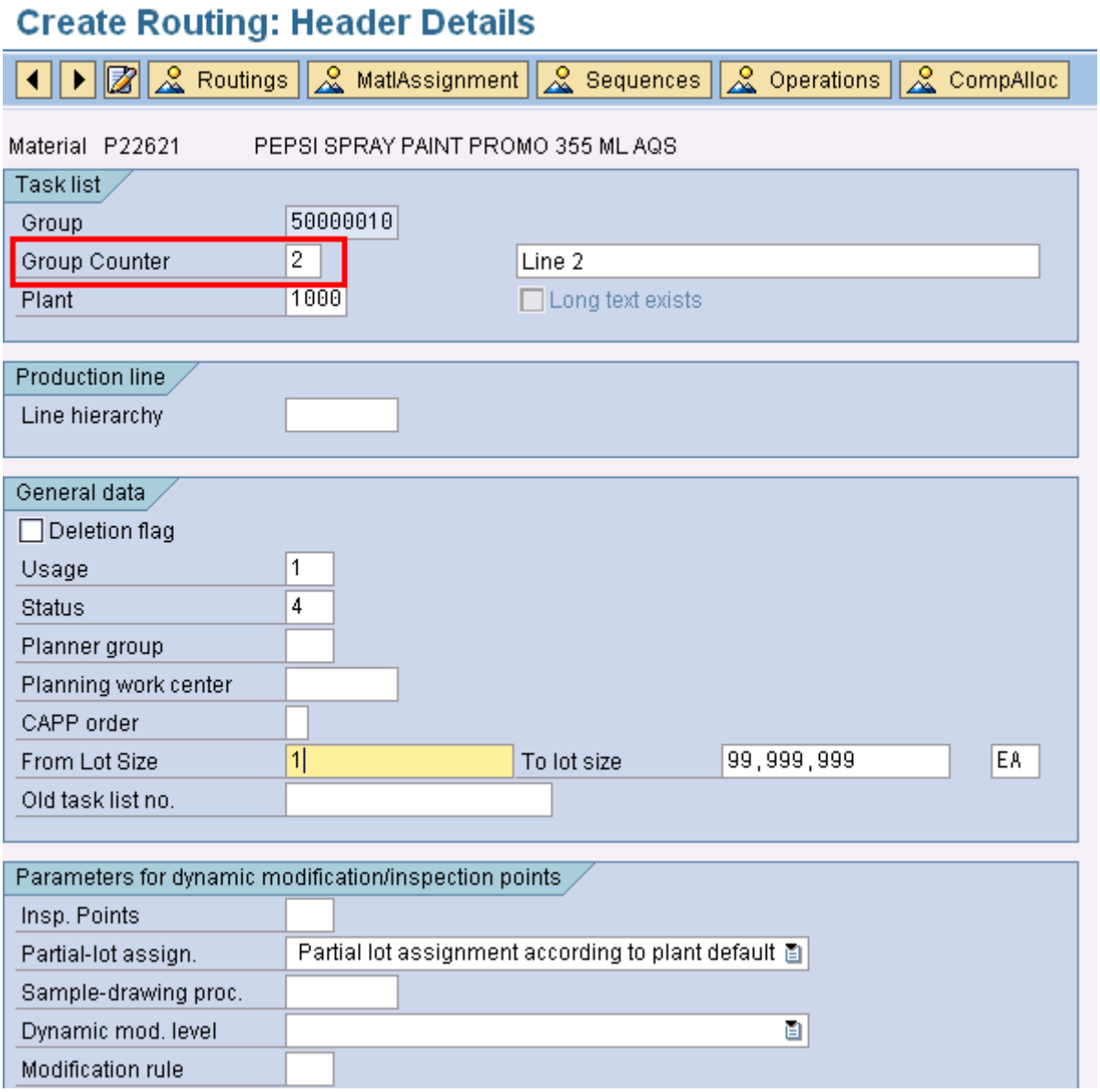
Update the Material and plant to create alternative routing. Press enter.

.

Alternative routing is generated with same group but with different group counter.



Existing Task list will be there, from the tool box, click new entries to create new routing.

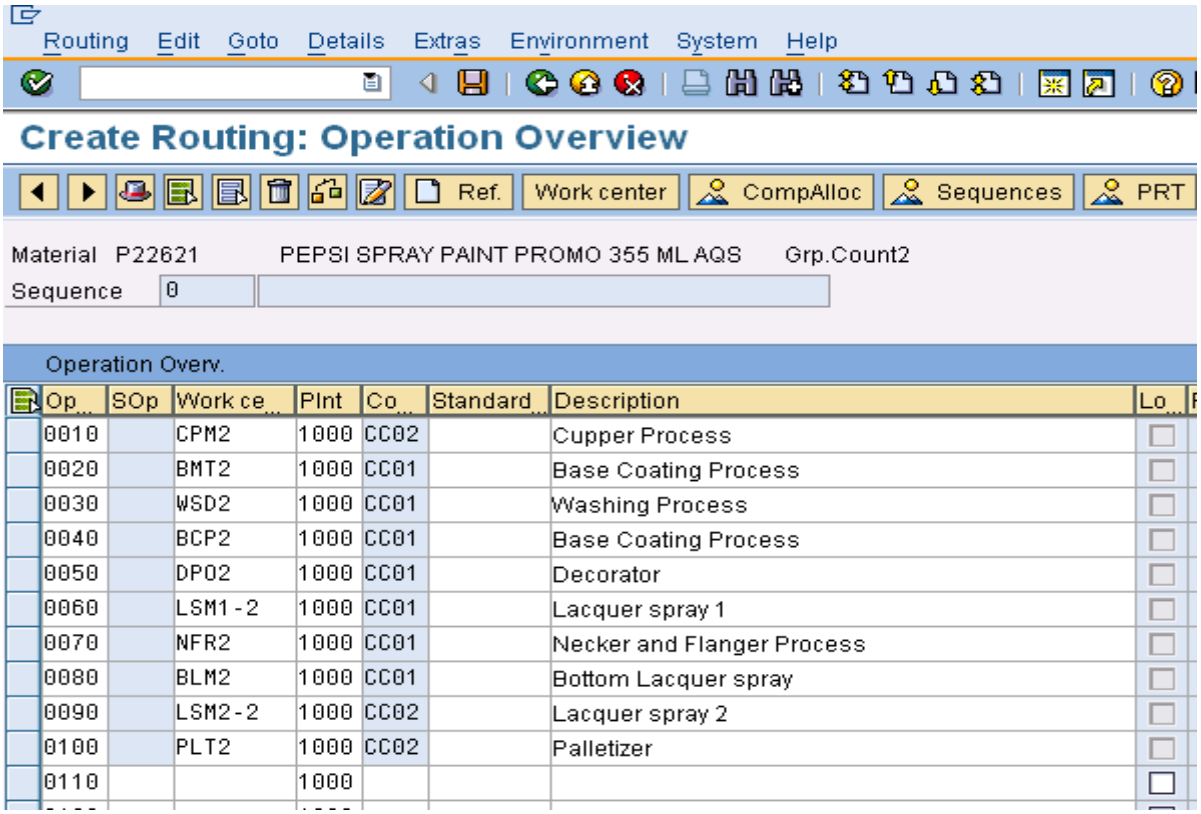


Alternative routing is generated with same group but with different group counter as shown in the box.

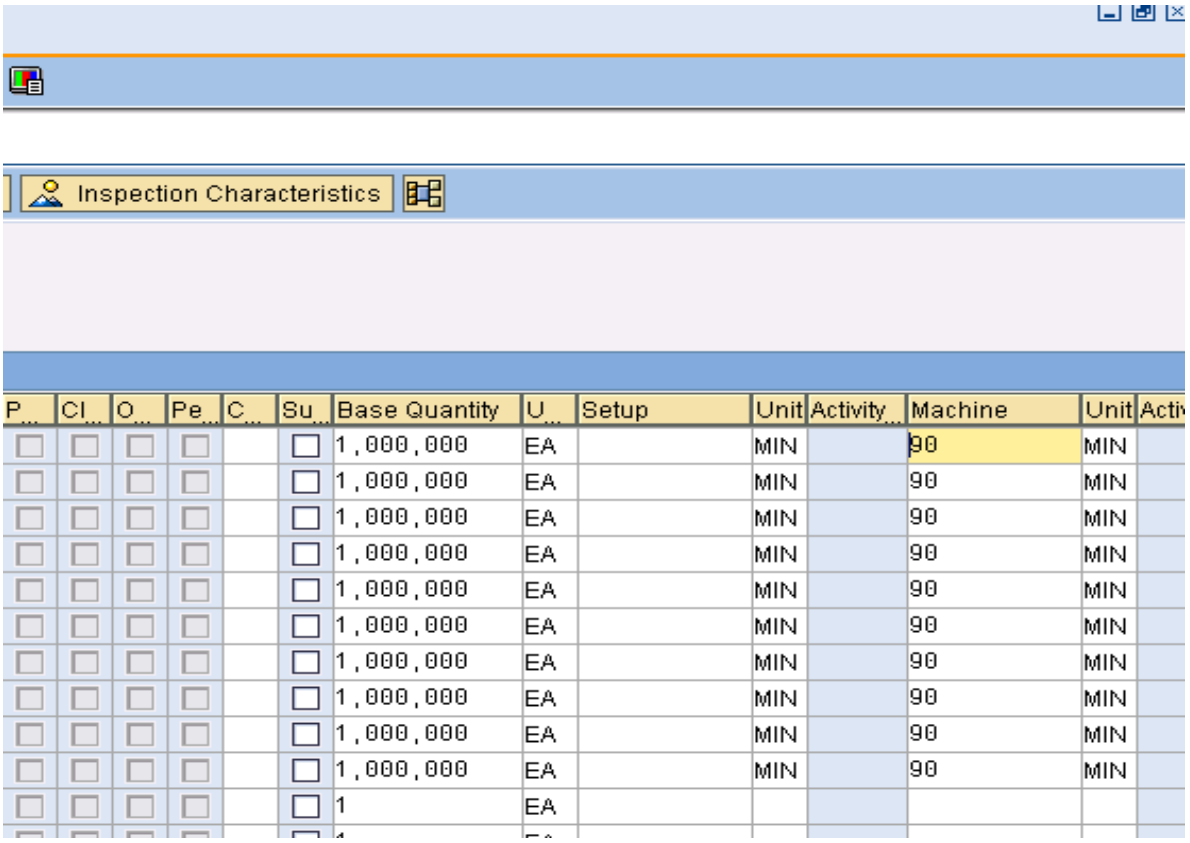
Follow the same steps as you did in routing creation:

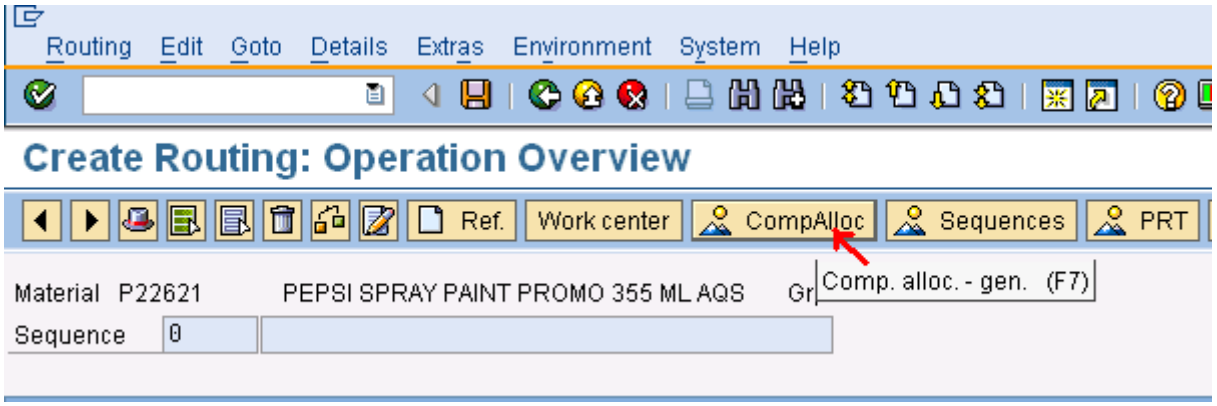
Enter in the description field as Line 2
In Usage field, enter 1 always for Production.
In Status field, Set Status 4 – Released.
In Lot size field, Default setting can be used. No additional data needed.

Press enter after the above entries are made. Click on the operations button.



Op	SOp	Work ce	Plnt	Co	Standard	Description	Lo
0010		CPM2	1000	CC02		Cupper Process	
0020		BMT2	1000	CC01		Base Coating Process	
0030		WSD2	1000	CC01		Washing Process	
0040		BCP2	1000	CC01		Base Coating Process	
0050		DPO2	1000	CC01		Decorator	
0060		LSM1-2	1000	CC01		Lacquer spray 1	
0070		NFR2	1000	CC01		Necker and Flanger Process	
0080		BLM2	1000	CC01		Bottom Lacquer spray	
0090		LSM2-2	1000	CC02		Lacquer spray 2	
0100		PLT2	1000	CC02		Palletizer	
0110			1000				





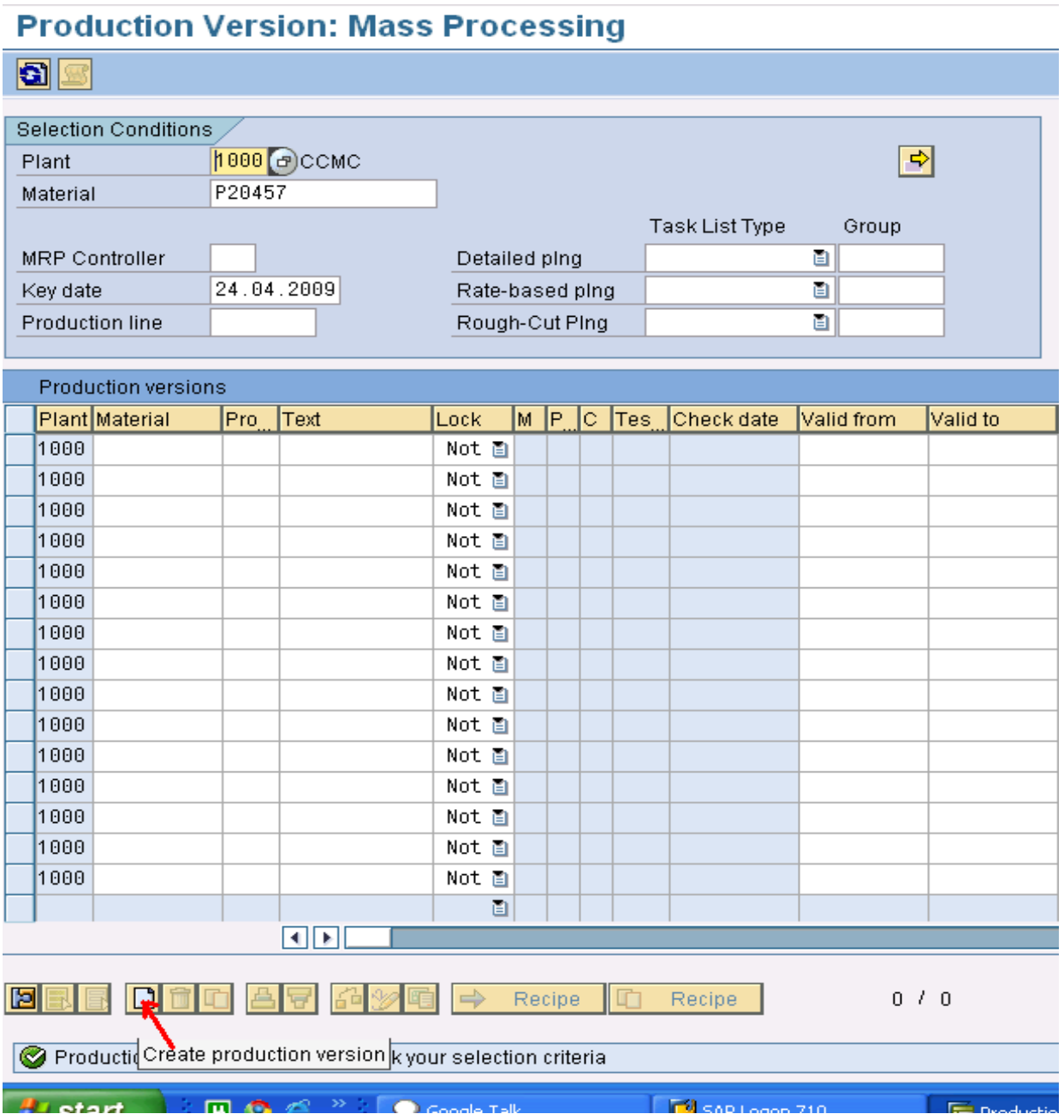
And click the Component Allocation tab to set the component allocation for the operation.

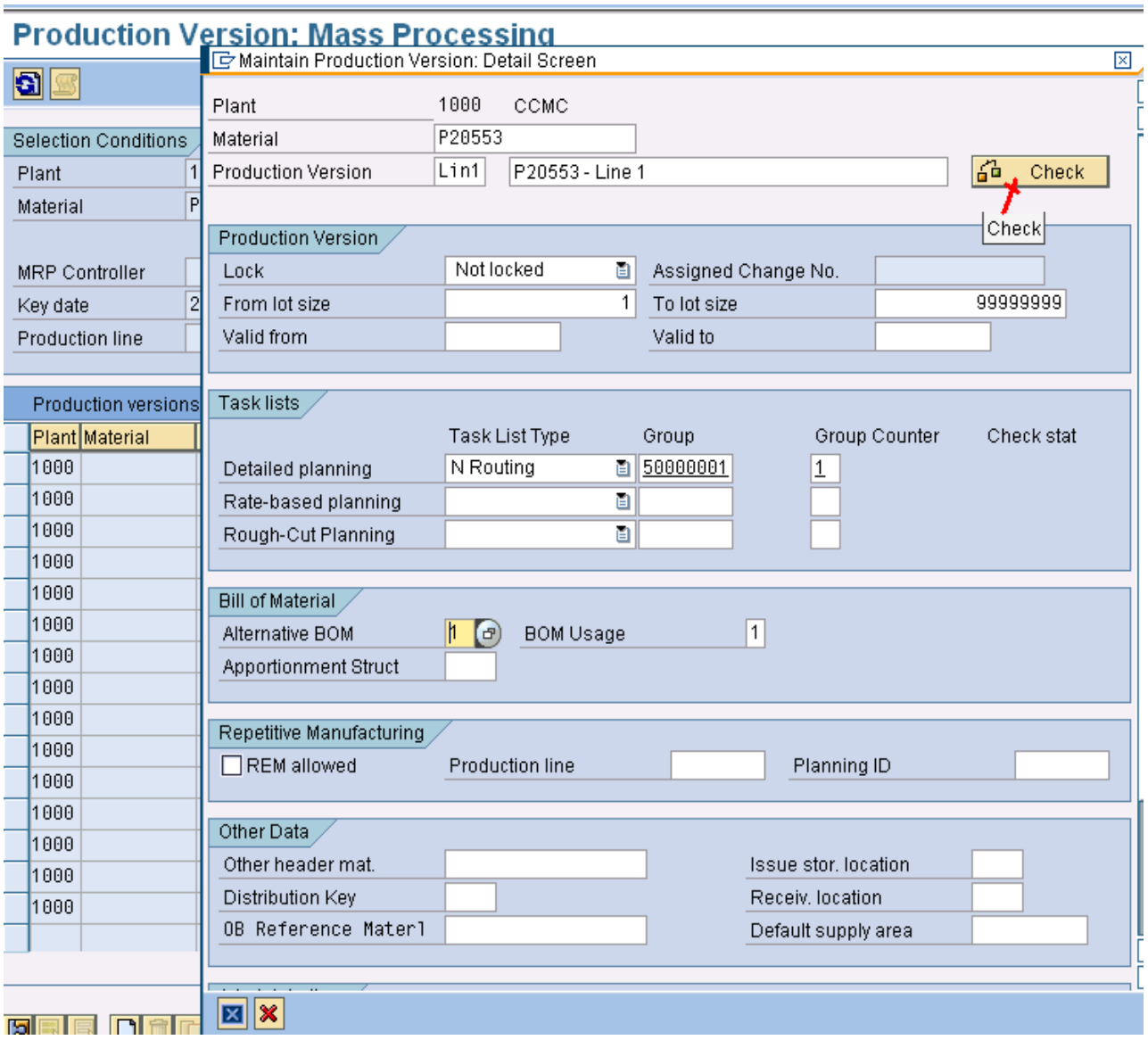
Check it by Transaction Routing Change CA02. Both routing with same group will be displayed. View according the group counter you want.

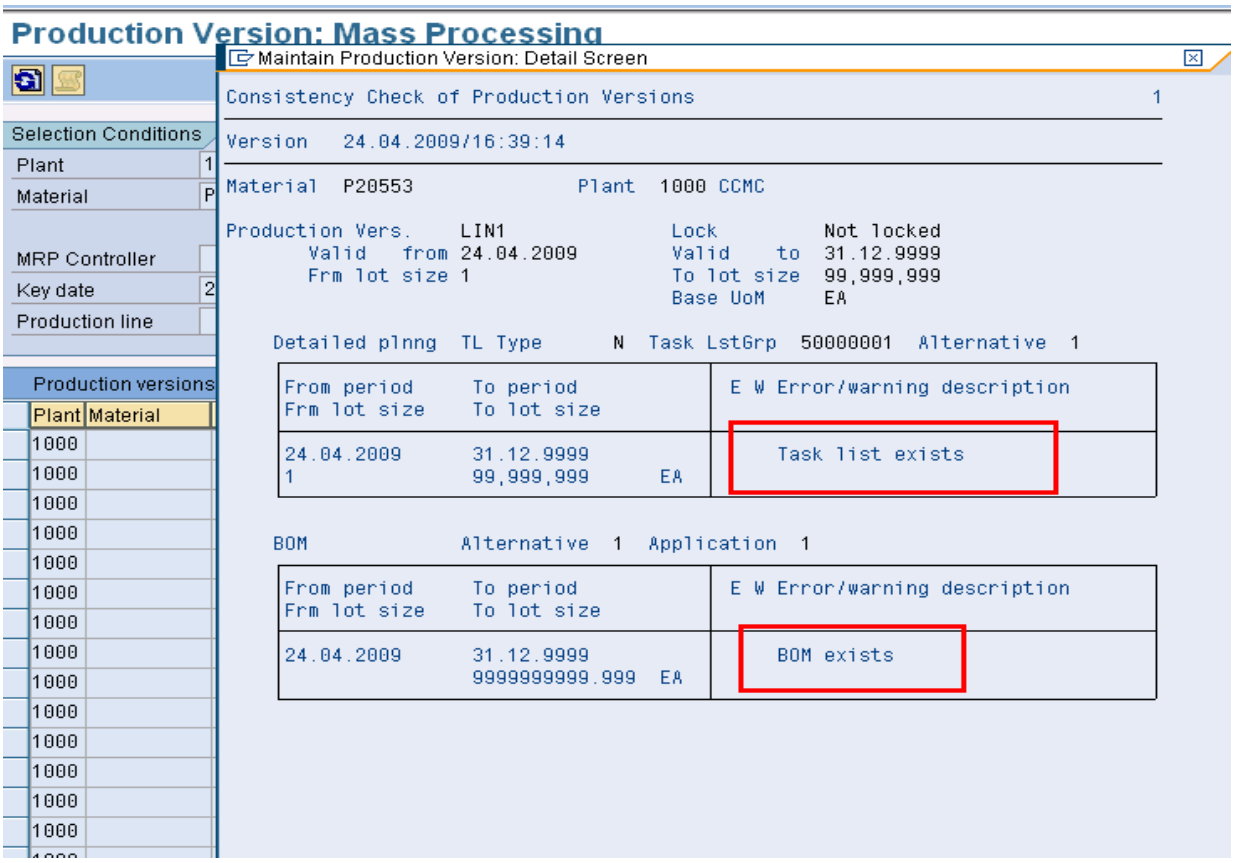
3.5 Production Version

3.5.1 Production Version

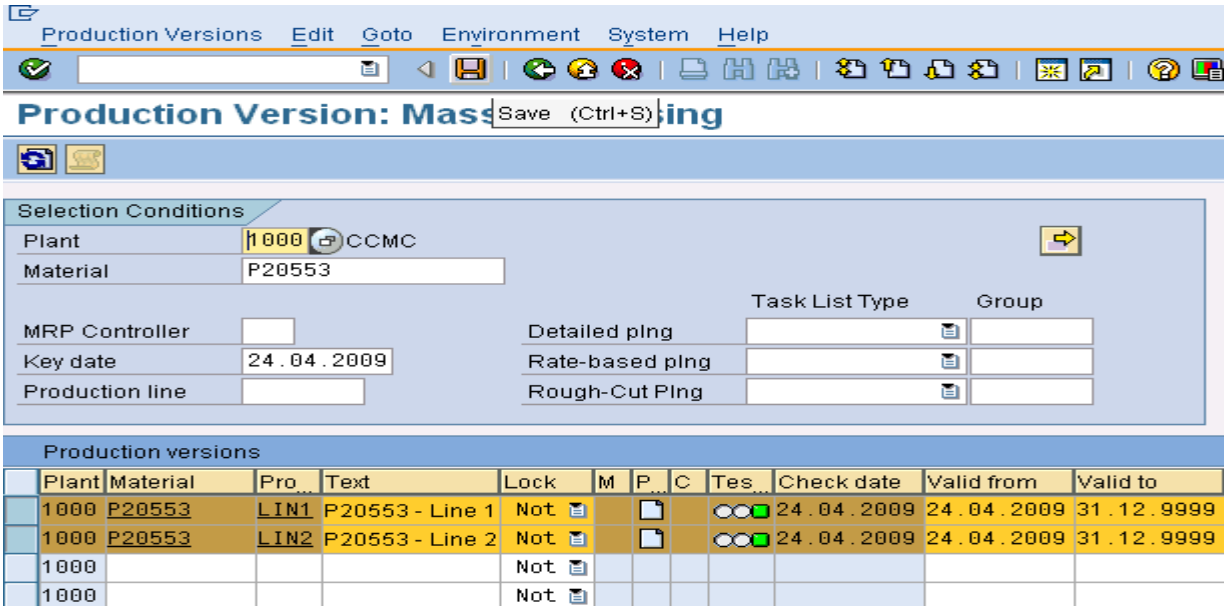
SAP R/3 Menu	*Logistic □ Production □ Master Data □ Production Versions*
Transaction code	C223


Production Version: Mass Processing
Selection Conditions
Plant 1000 CCMC
Material P20457
Task List Type
Group
MRP Controller
Detailed plng
Key date 24.04.2009
Rate-based plng
Production line
Rough-Cut Plng
Production versions
Plant Material Pro... Text Lock M P... C Tes... Check date Valid from Valid to
1000 Not
Recipe
Recipe
0 / 0
Create production version
k your selection criteria


Production Version: Mass Processing
Maintain Production Version: Detail Screen
Selection Conditions
Plant
Material
MRP Controller
Key date
Production line
Production versions
Plant Material
Plant 1000 CCMC
Material P20553
Production Version Lin1 P20553 - Line 1
Check
Check
Production Version
Lock Not locked
Assigned Change No.
From lot size 1
To lot size 99999999
Valid from
Valid to
Task lists
Task List Type
Group
Group Counter
Check stat
Detailed planning N Routing 50000001 1
Rate-based planning
Rough-Cut Planning
Bill of Material
Alternative BOM 1
BOM Usage 1
Apportionment Struct
Repetitive Manufacturing
REM allowed
Production line
Planning ID
Other Data
Other header mat.
Distribution Key
OB Reference Materl
Issue stor. location
Receiv. location
Default supply area



Enter the Plant, Material, Version name and press create
In that screen maintain the Routing – Group number and Counter
And Alternative BOM and usage and press check for Consistency.
If inputs are OK, green light will appear.

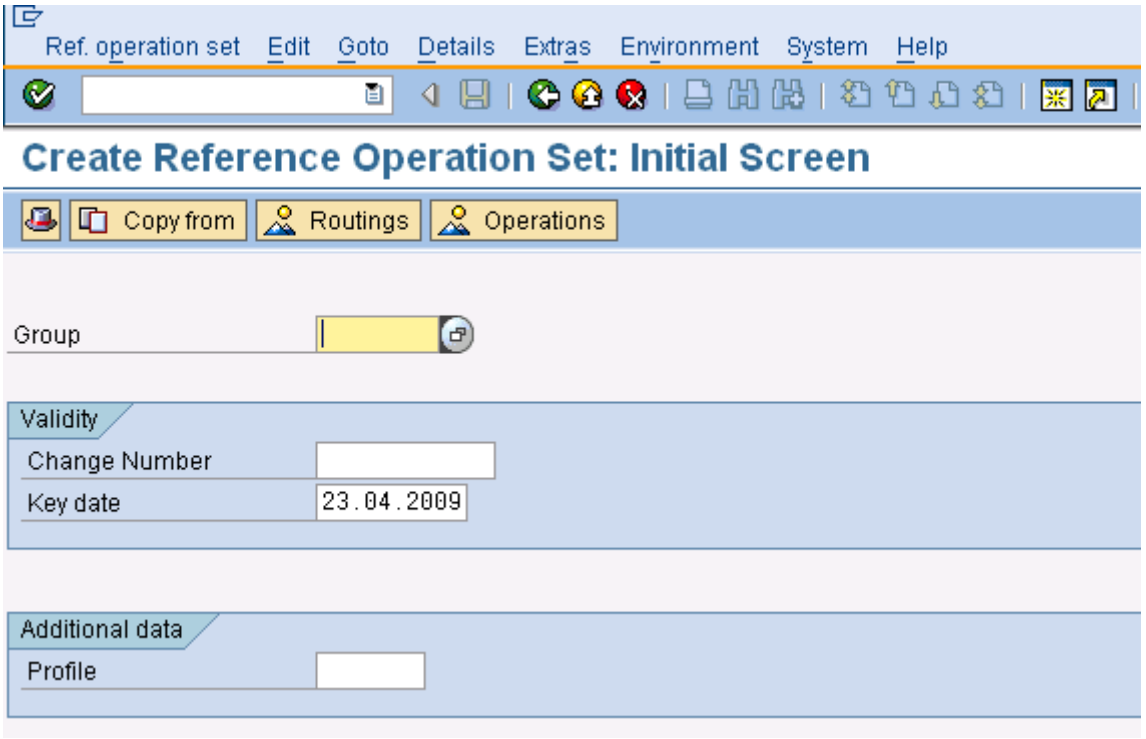


Then save the Production version.

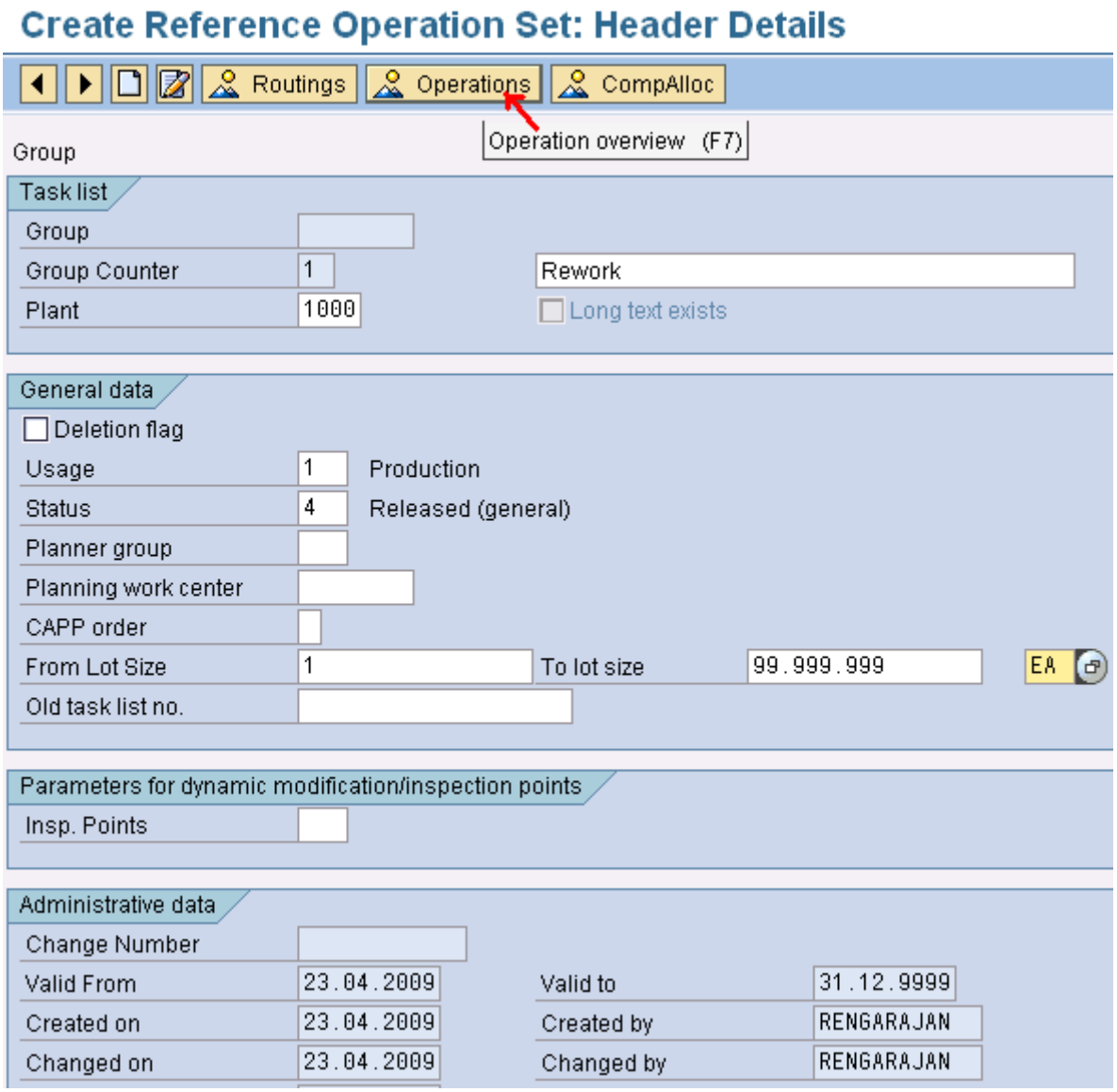
3.6 Reference Operation Set

3.6.1 Reference Operation Set - Creation

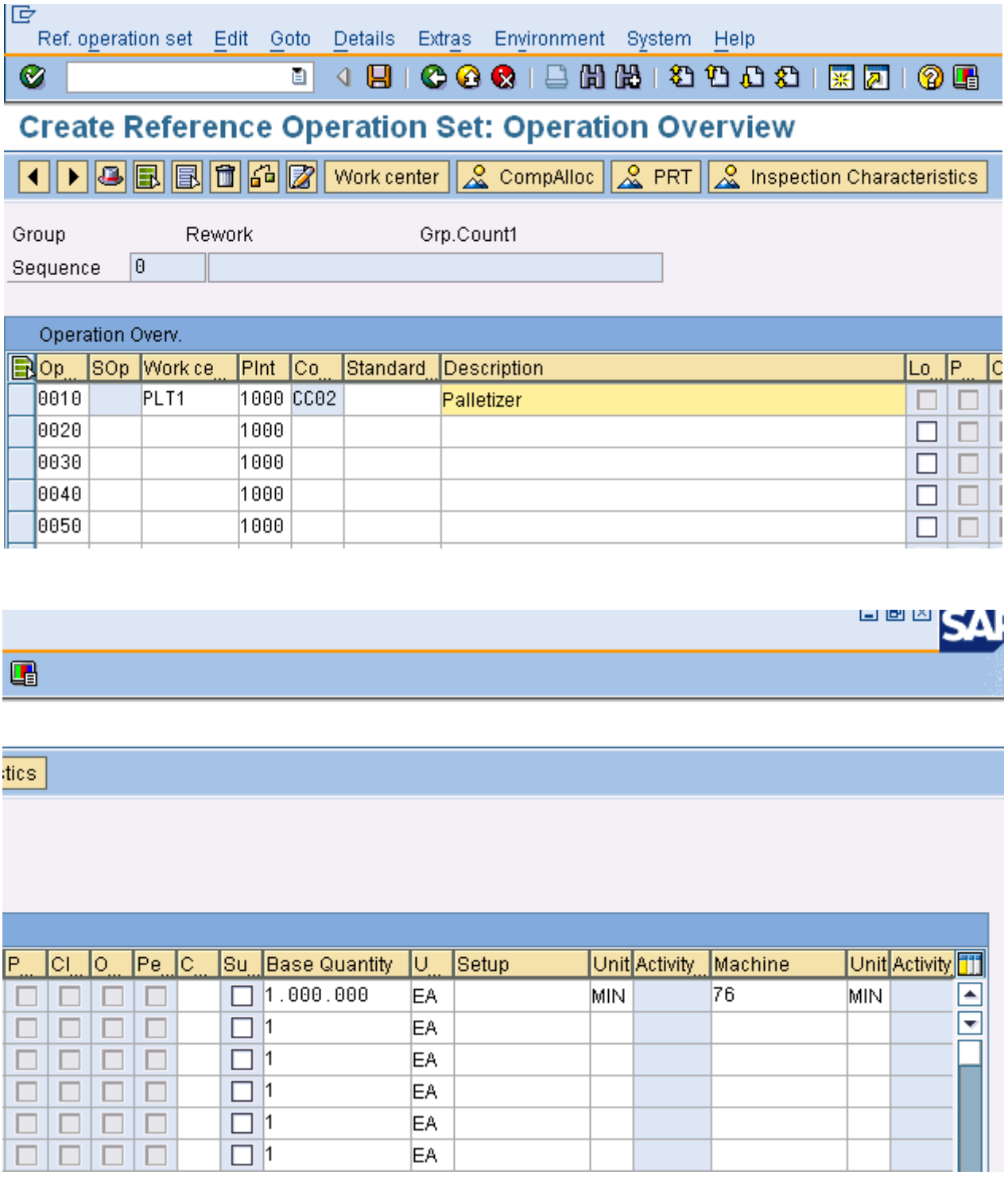
SAP R/3 Menu	*Logistic □ Production □ Routings □ Routings □ Reference Operation Sets □ Create*
Transaction code	**CA11**



And press enter

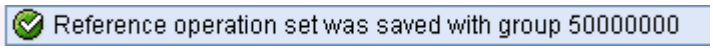


Enter the description, plant in the Task list details tab,
Enter the Usage – 1 Production, Status – 4 Released (general) and the lot size as above in the General data field and click Operation tab from the tool box.



Enter the Work Center, description, base quantity and the Machine time as mentioned in routing.

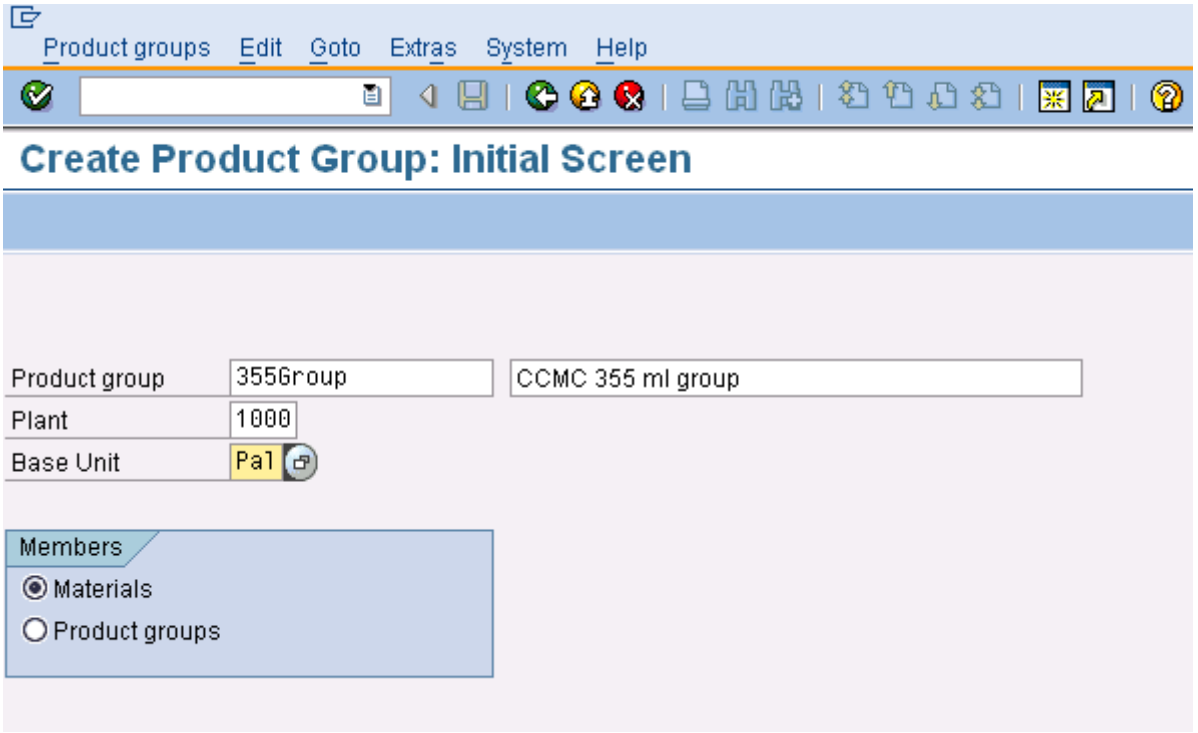
And Save.



3.7 Product Group

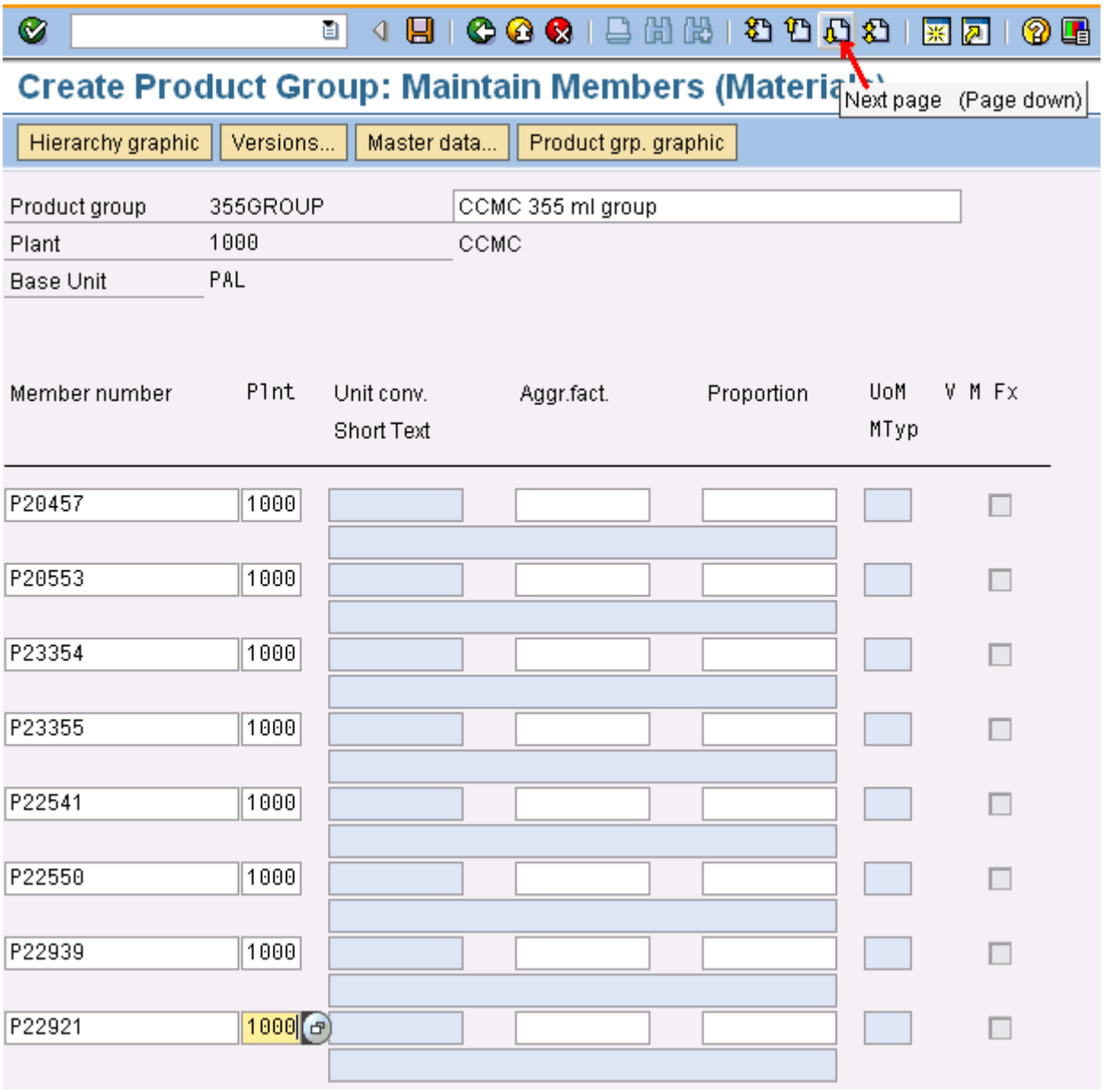
3.7.1 Product Group - Creation

SAP R/3 Menu	*Logistic □ Production □ SOP □ Product Group □ Create*
Transaction code	**MC84**

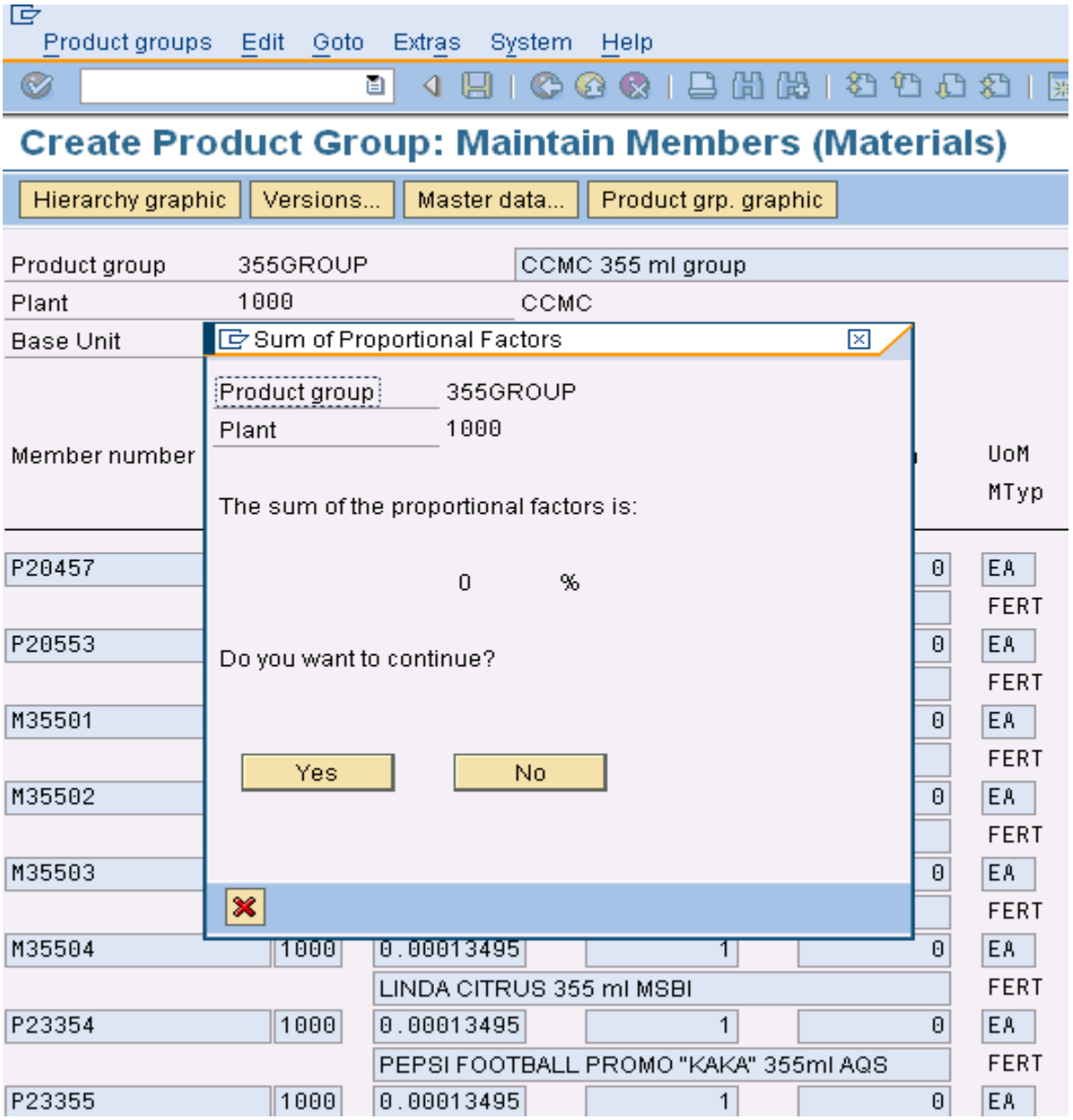


Enter the Product group, description, Plant and base unit of measure

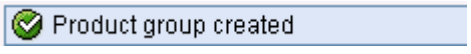
Then press enter.



In the next screen, enter the member numbers and plant for the product group 355ml and save.



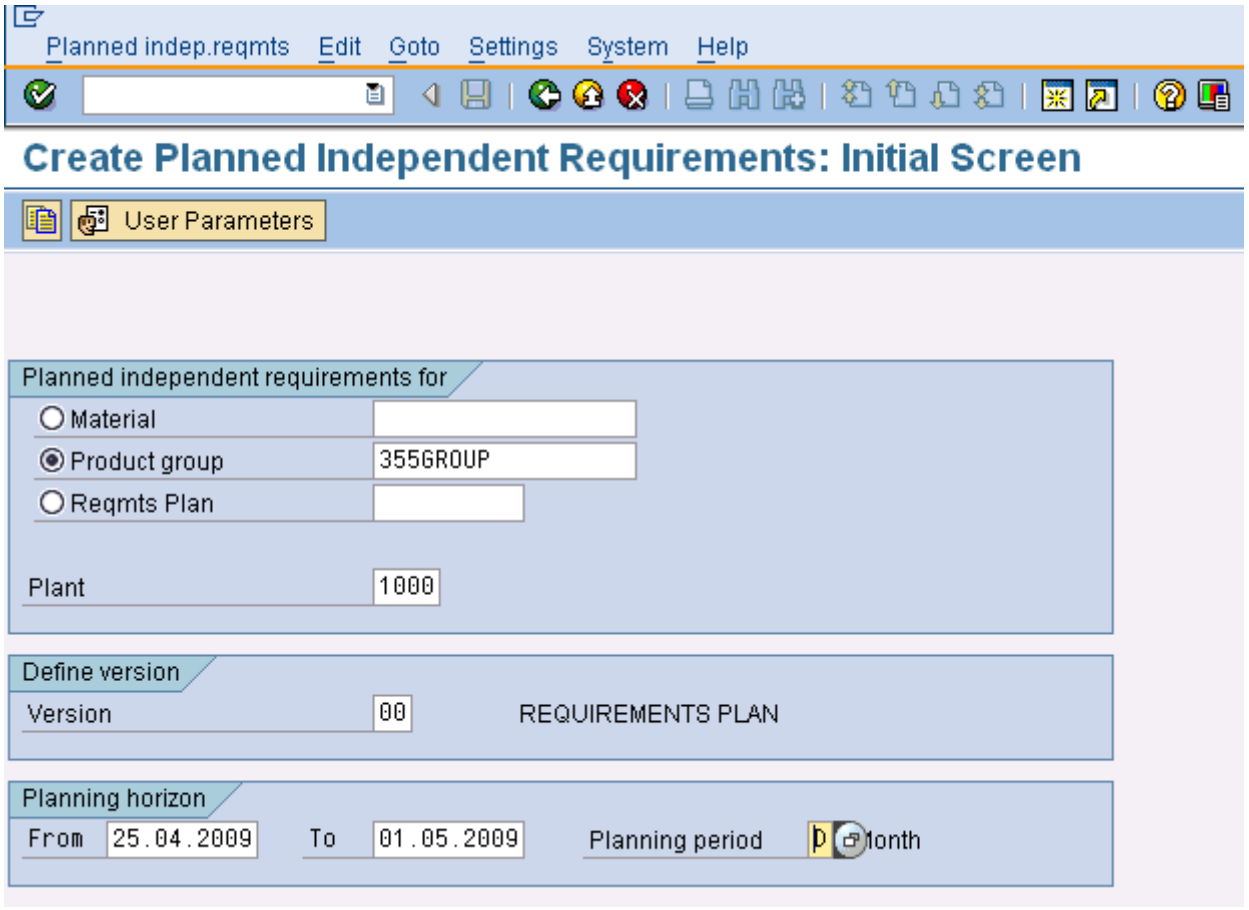
In the message box, press the ‘yes’ button.



4 Can Manufacturing Process

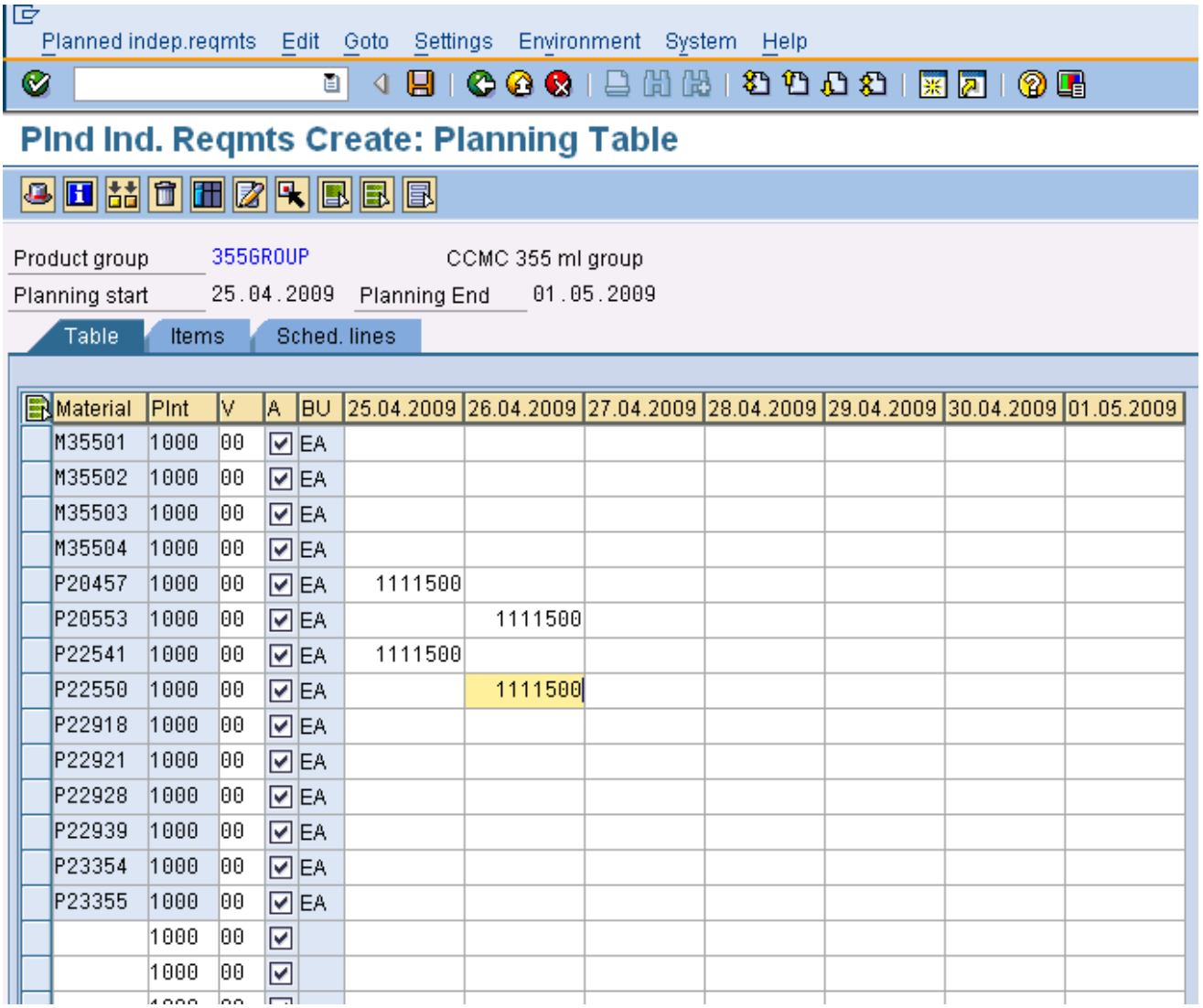
4.1 Planned Independent Requirements - Creation

SAP R/3 Menu	*Logistic □ Production □ Production Planning □ Demand Management □ Planned Independent Requirements □ Create*
Transaction code	**MD61**



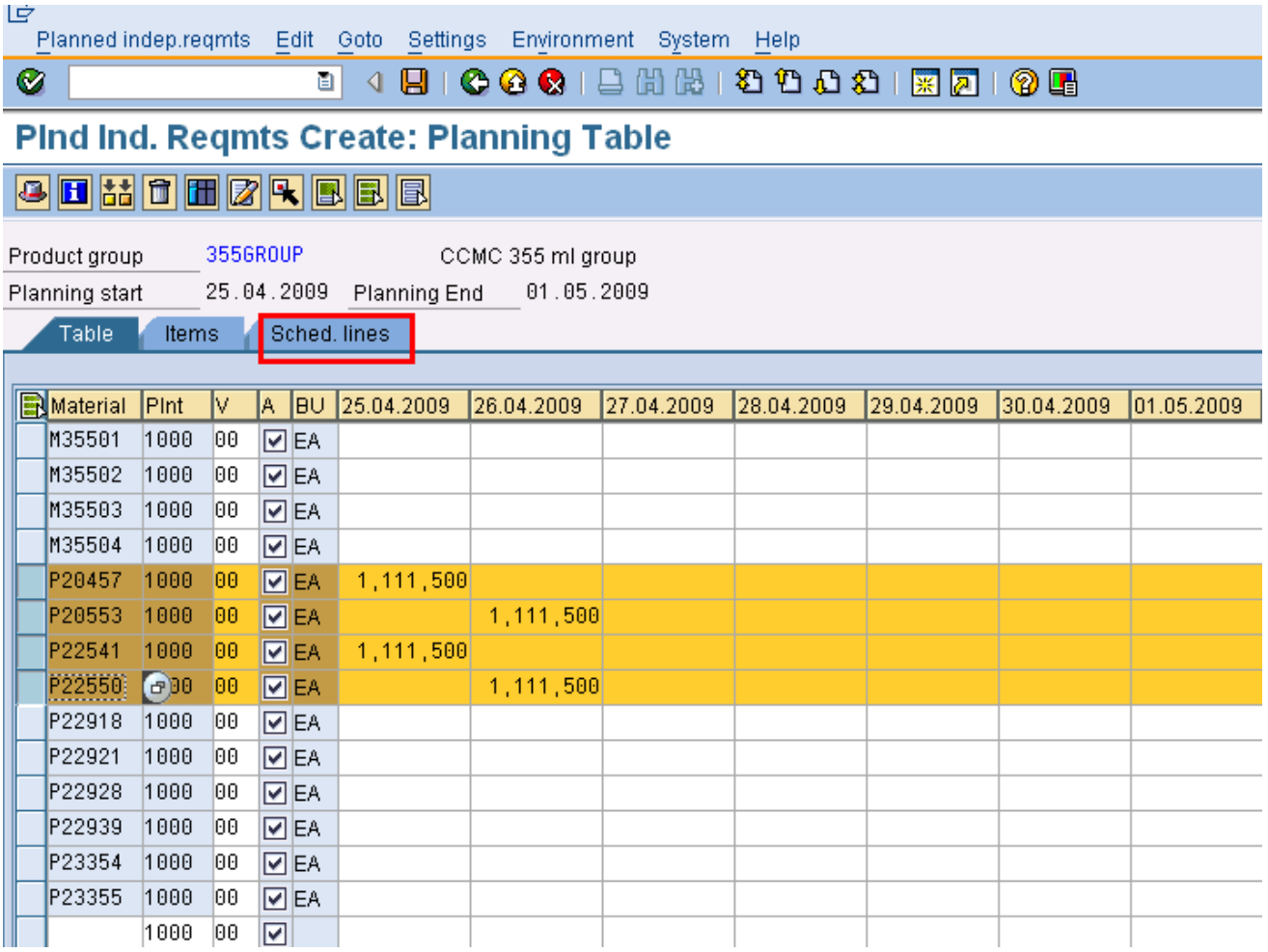
Enter the Product group, plant and the date range for which to be planned with planning period D – Day.

Note: In the version field, it should be 00 version – Active version. (It will come as default)

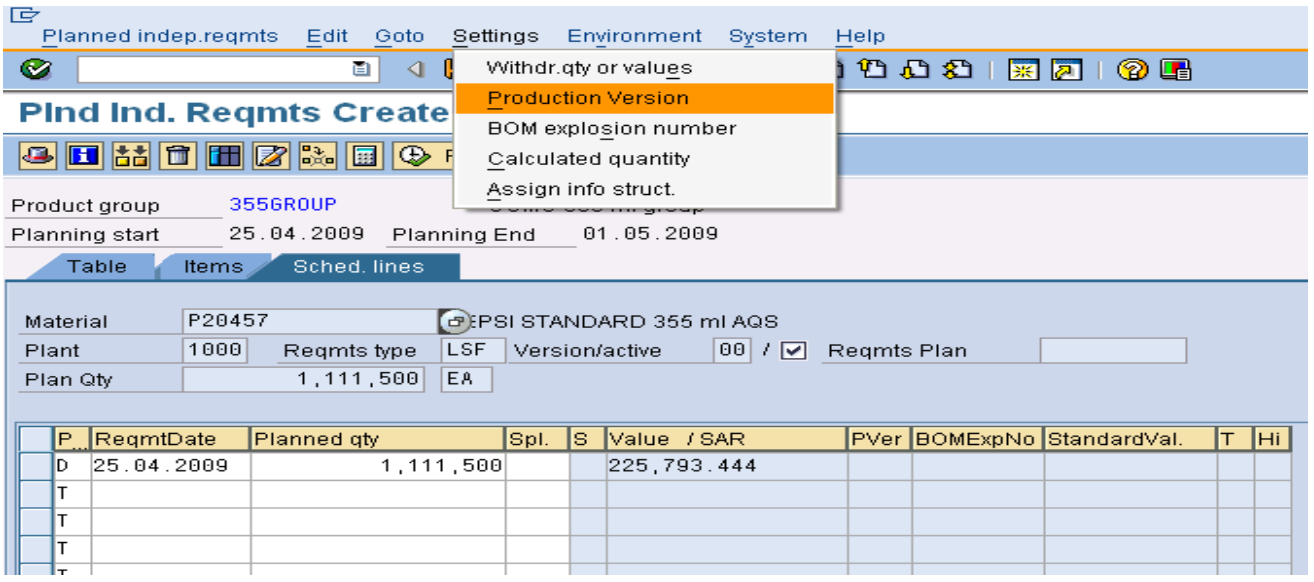


Material	Plnt	V	A	BU	25.04.2009	26.04.2009	27.04.2009	28.04.2009	29.04.2009	30.04.2009	01.05.2009
M35501	1000	00	☑	EA							
M35502	1000	00	☑	EA							
M35503	1000	00	☑	EA							
M35504	1000	00	☑	EA							
P20457	1000	00	☑	EA	1111500						
P20553	1000	00	☑	EA		1111500					
P22541	1000	00	☑	EA	1111500						
P22550	1000	00	☑	EA		1111500					
P22918	1000	00	☑	EA							
P22921	1000	00	☑	EA							
P22928	1000	00	☑	EA							
P22939	1000	00	☑	EA							
P23354	1000	00	☑	EA							
P23355	1000	00	☑	EA							
	1000	00	☑								
	1000	00	☑								

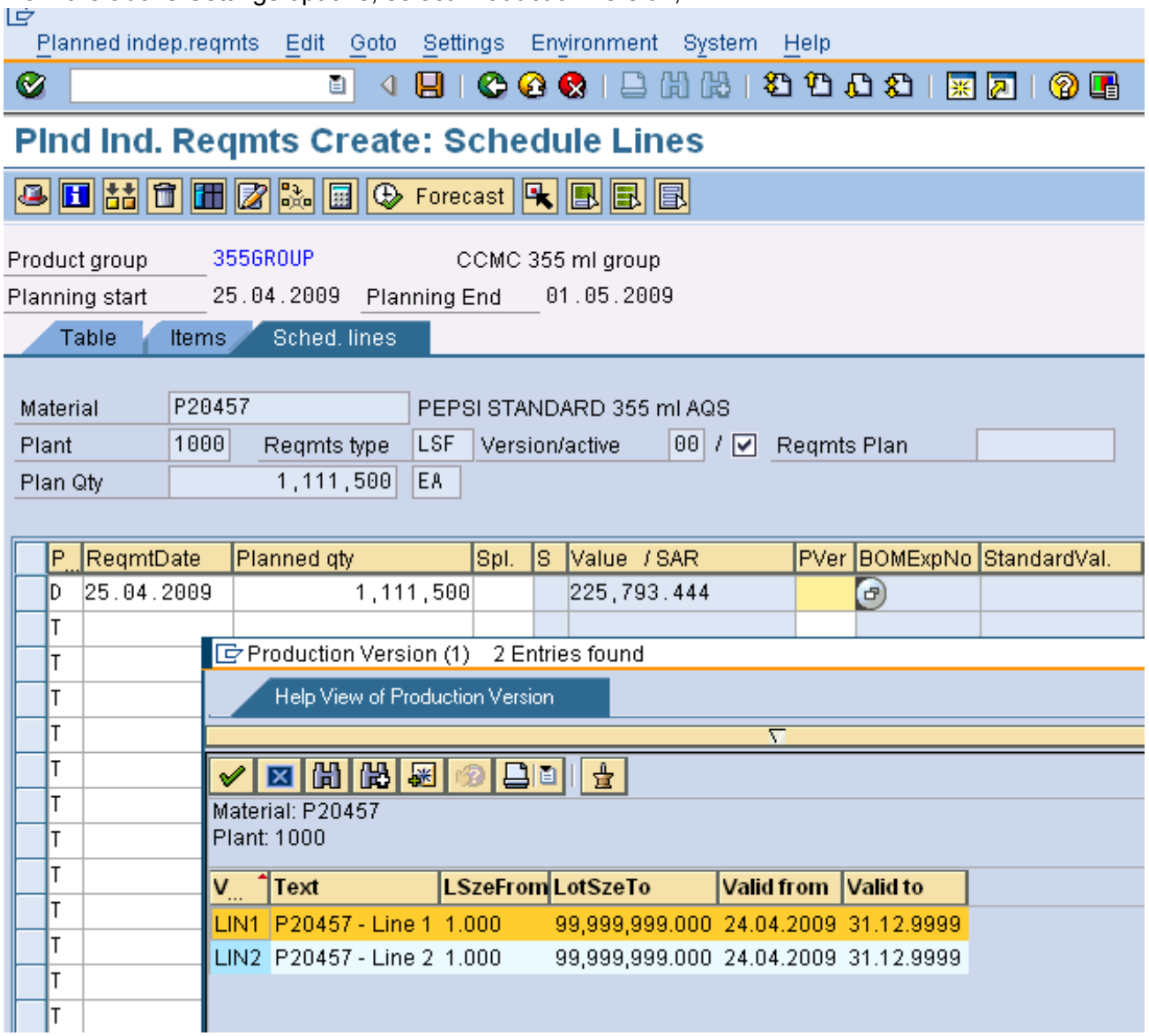
Enter the requirement for planning material wise.



Select the materials and go to Scheduled lines tab,



From the above Settings options, select Production version,



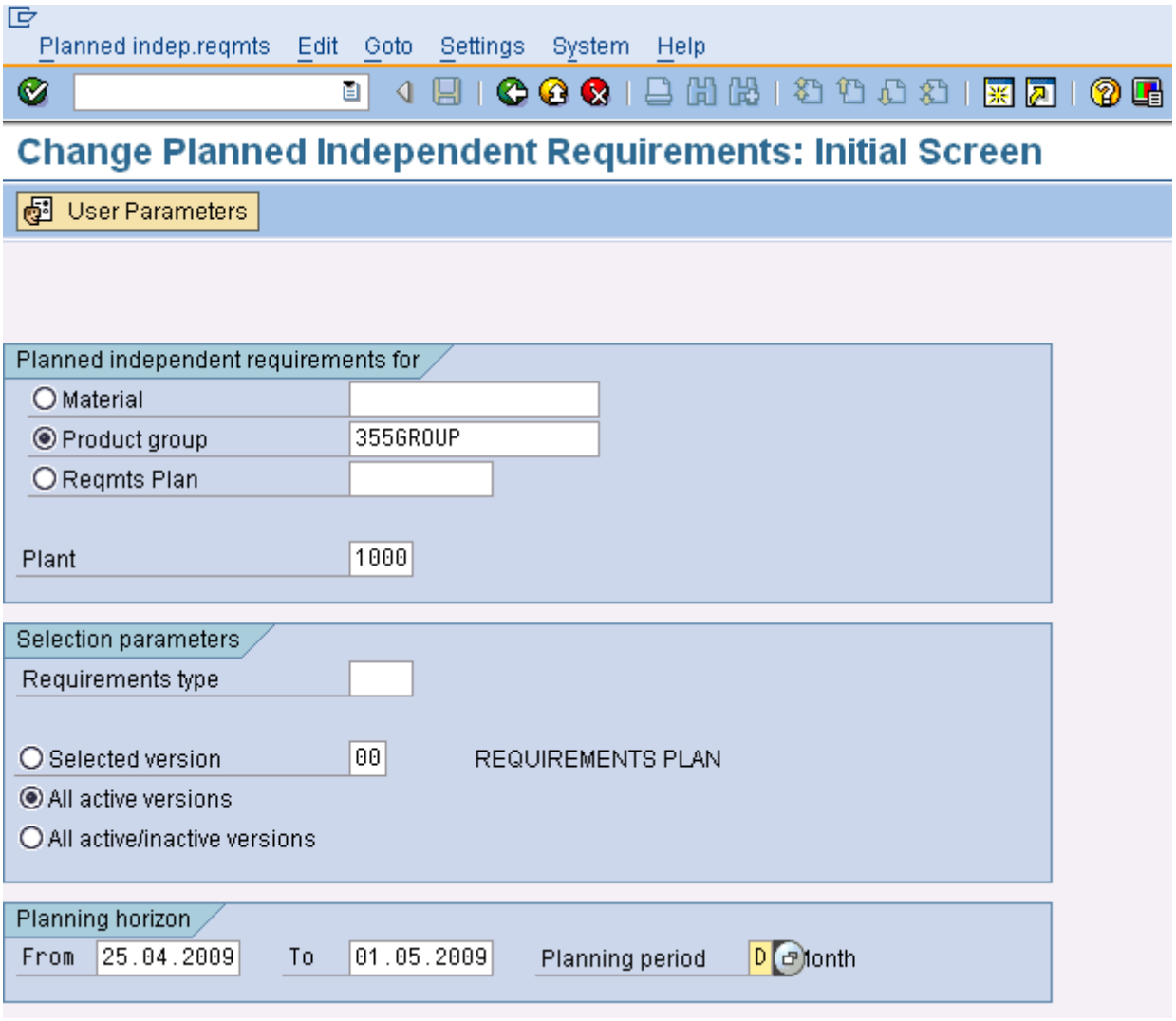
In the production version option, right click or press F4 to get the options. From that select the line in which the material to process. (Line 1 or Line 2)

And Save the plan.

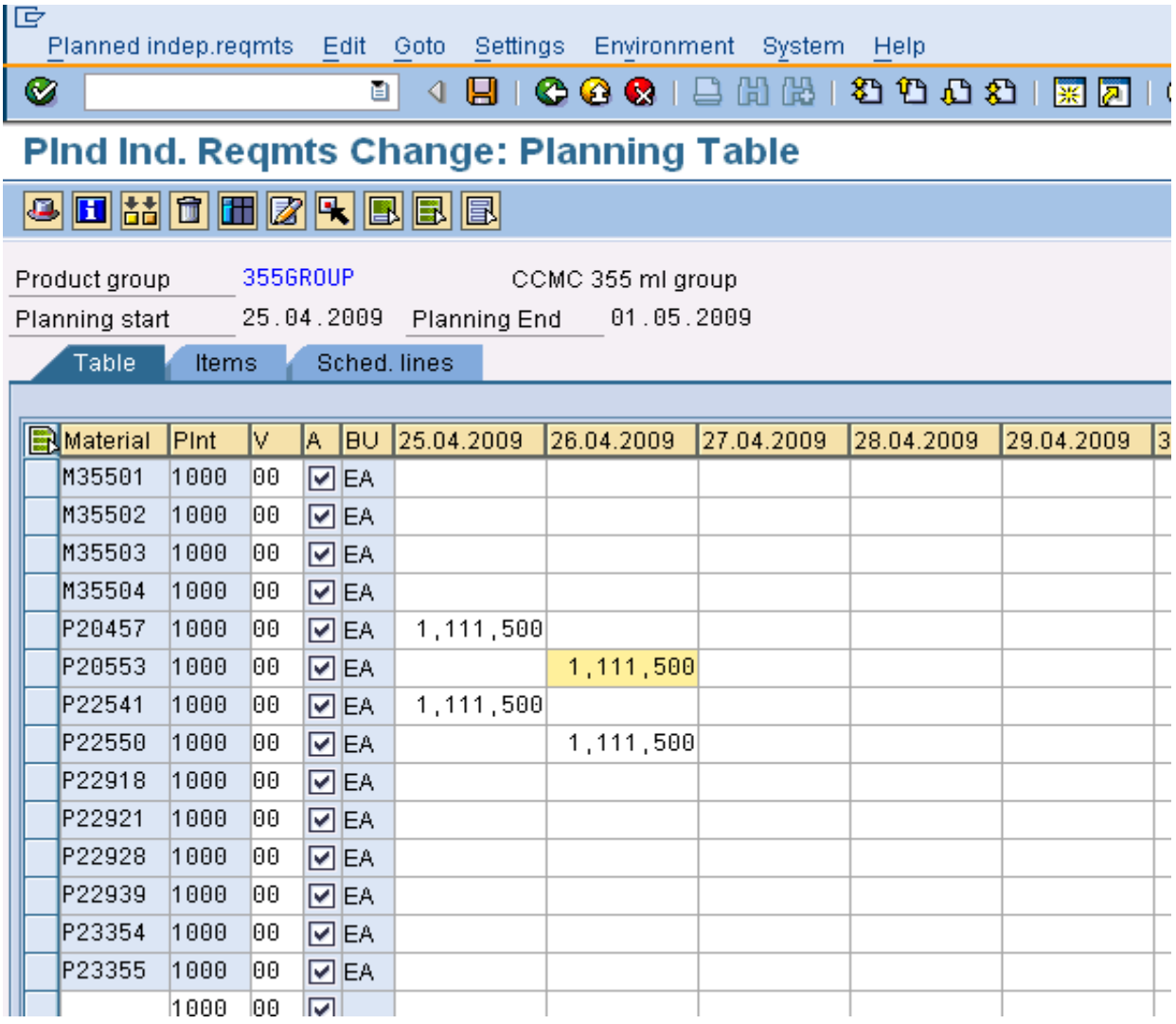
Requirement will be saved

4.2 Planned Independent Requirements - Change

SAP R/3 Menu	*Logistic □ Production □ Production Planning □ Demand Management □ Planned Independent Requirements □ Change*
Transaction code	MD62



Enter the Product group, plant, period and press enter.

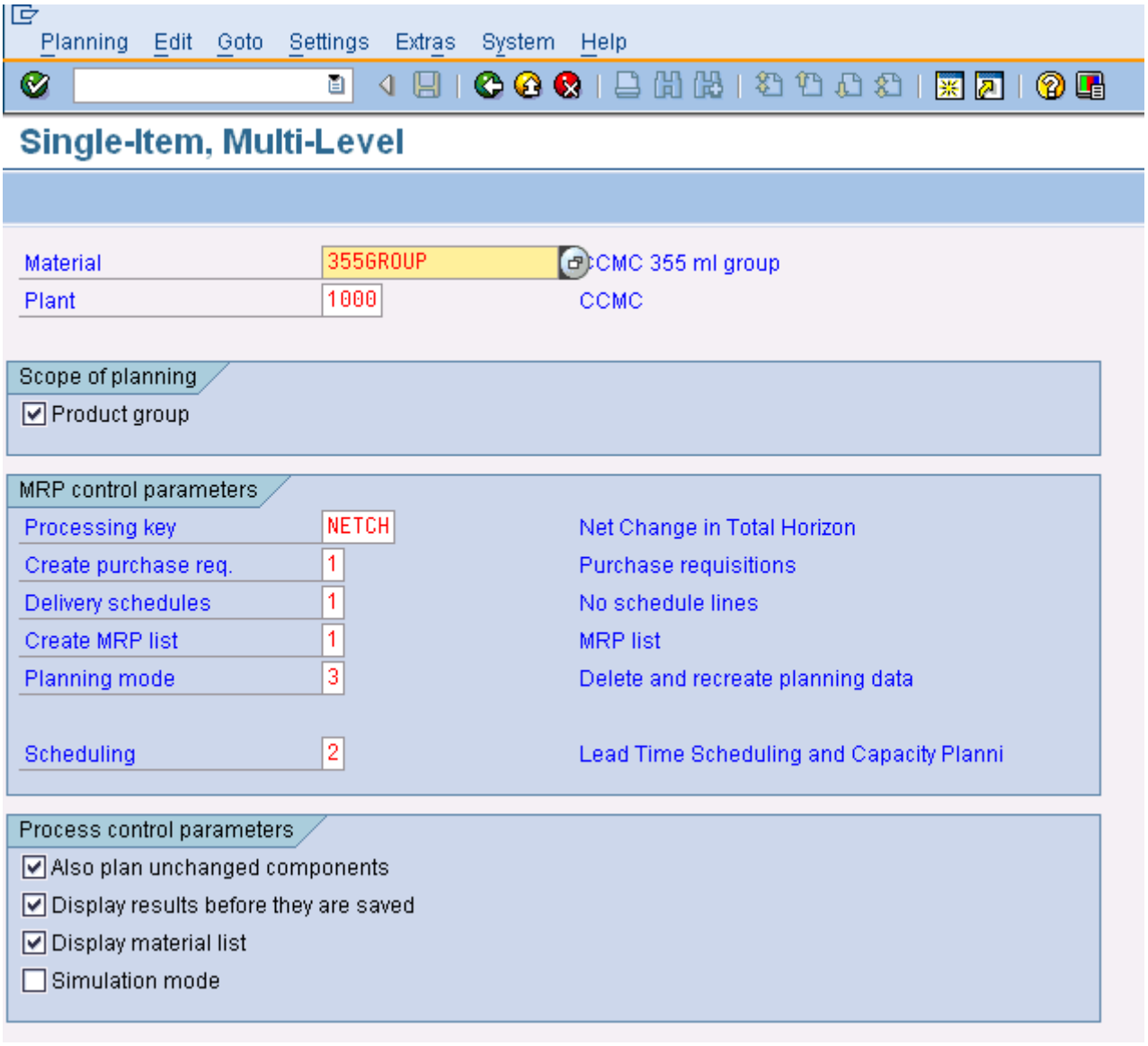


Material	Plnt	V	A	BU	25.04.2009	26.04.2009	27.04.2009	28.04.2009	29.04.2009
M35501	1000	00	☑	EA					
M35502	1000	00	☑	EA					
M35503	1000	00	☑	EA					
M35504	1000	00	☑	EA					
P20457	1000	00	☑	EA	1,111,500				
P20553	1000	00	☑	EA		1,111,500			
P22541	1000	00	☑	EA	1,111,500				
P22550	1000	00	☑	EA		1,111,500			
P22918	1000	00	☑	EA					
P22921	1000	00	☑	EA					
P22928	1000	00	☑	EA					
P22939	1000	00	☑	EA					
P23354	1000	00	☑	EA					
P23355	1000	00	☑	EA					
	1000	00	☑						

In the next screen make changes and save. (Follow the steps as above from the PIR creation)

4.3 MRP Run – Single Item, Multi level

SAP R/3 Menu	*Logistic □ Production □ MRP □ Planning □ Single-Item, Multi-Level*
Transaction code	**MD02**



Enter the Material Plant.

Enter the MRP and Process control parameters as mentioned above.

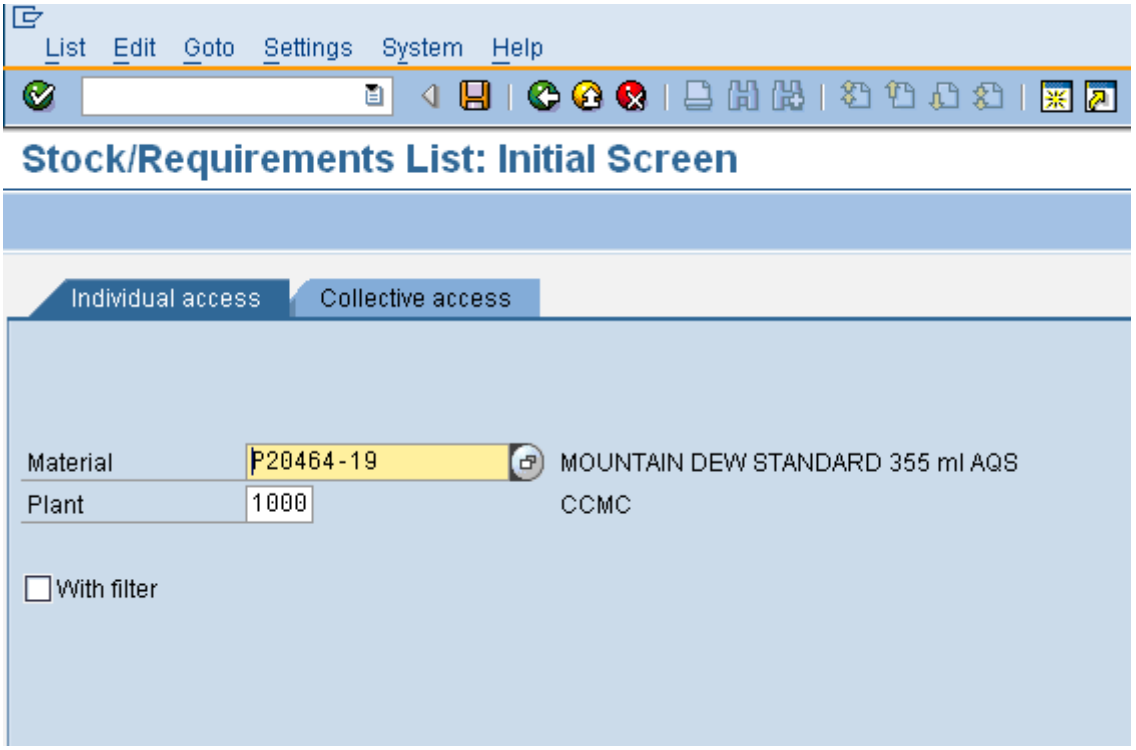
And press enter.

And check the readings and save.

4.4 Stock / Requirements List

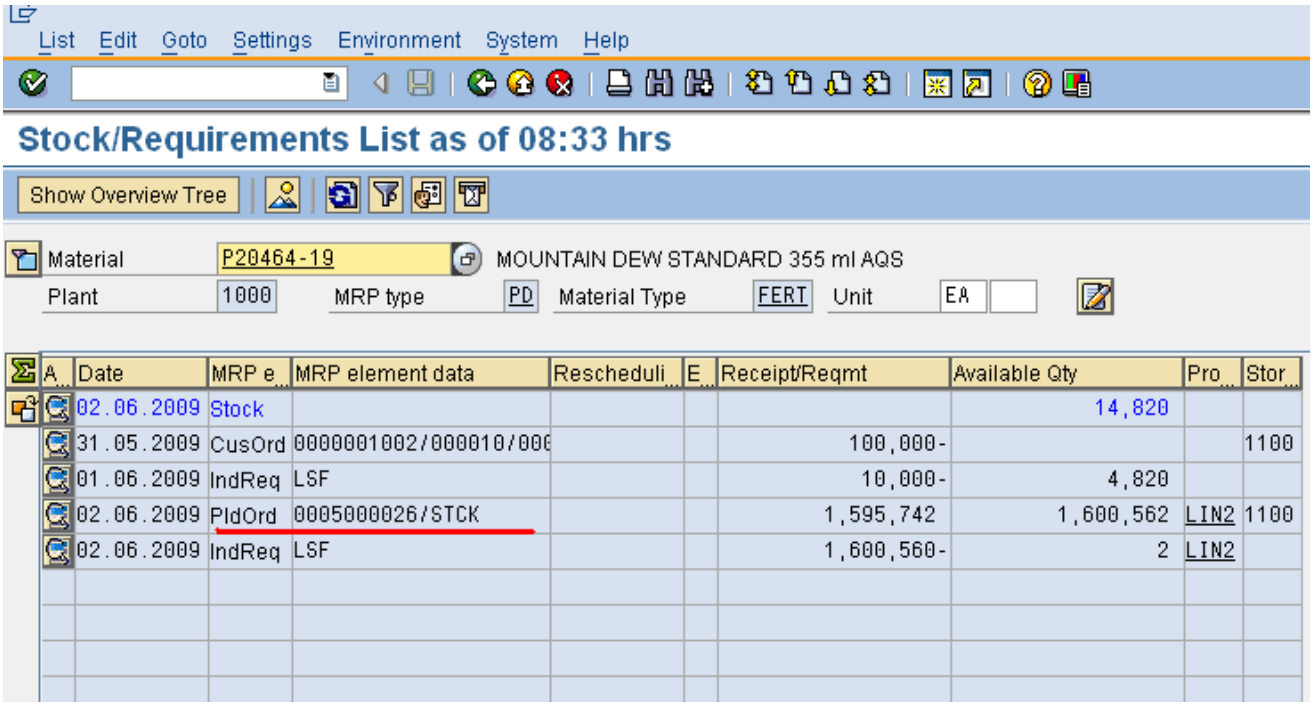
SAP R/3 Menu	*Logistic □ Production □ MRP □ Evaluations □ Stock/Requirements List*

Transaction code	MD04



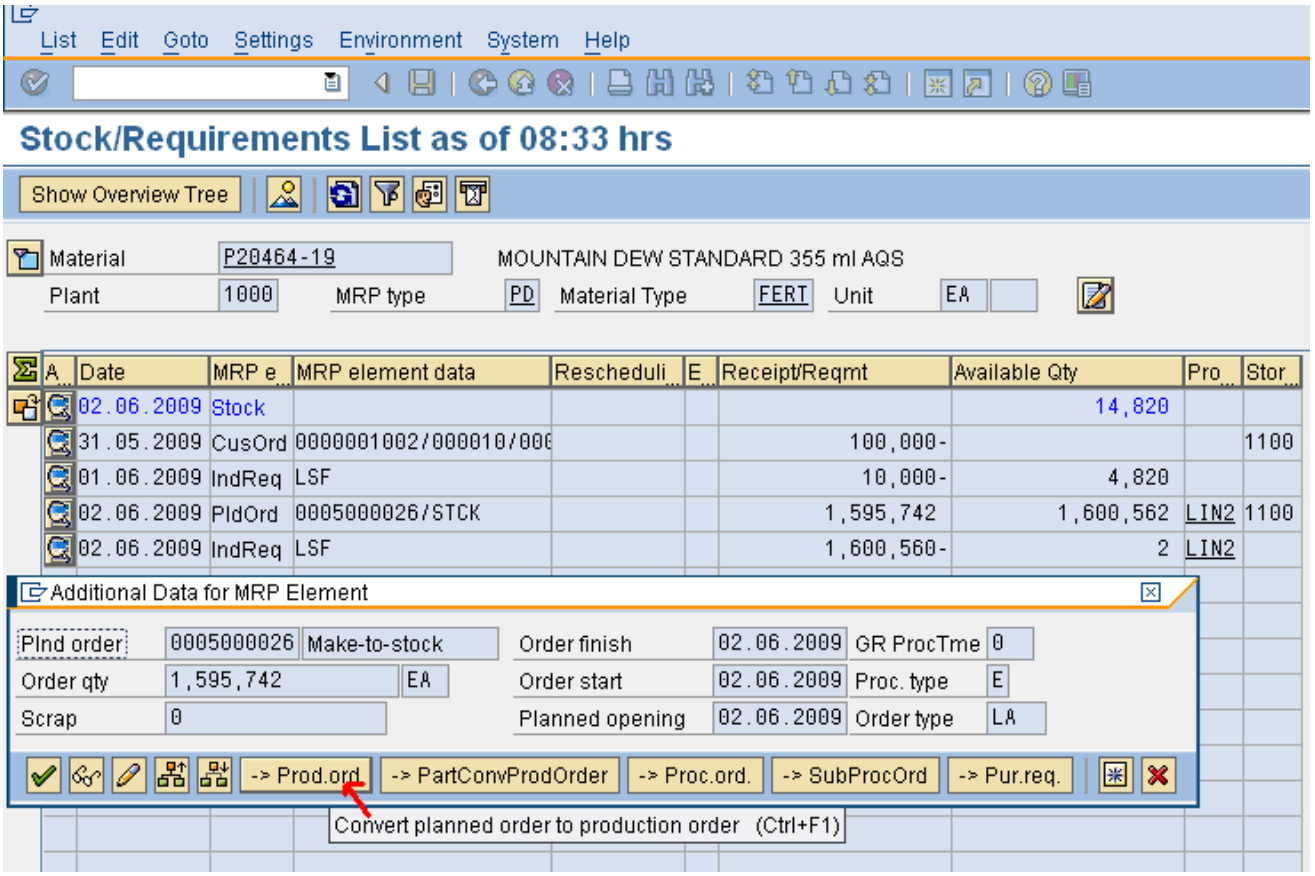
Enter the Material and Plant.

Then press enter to see the list.

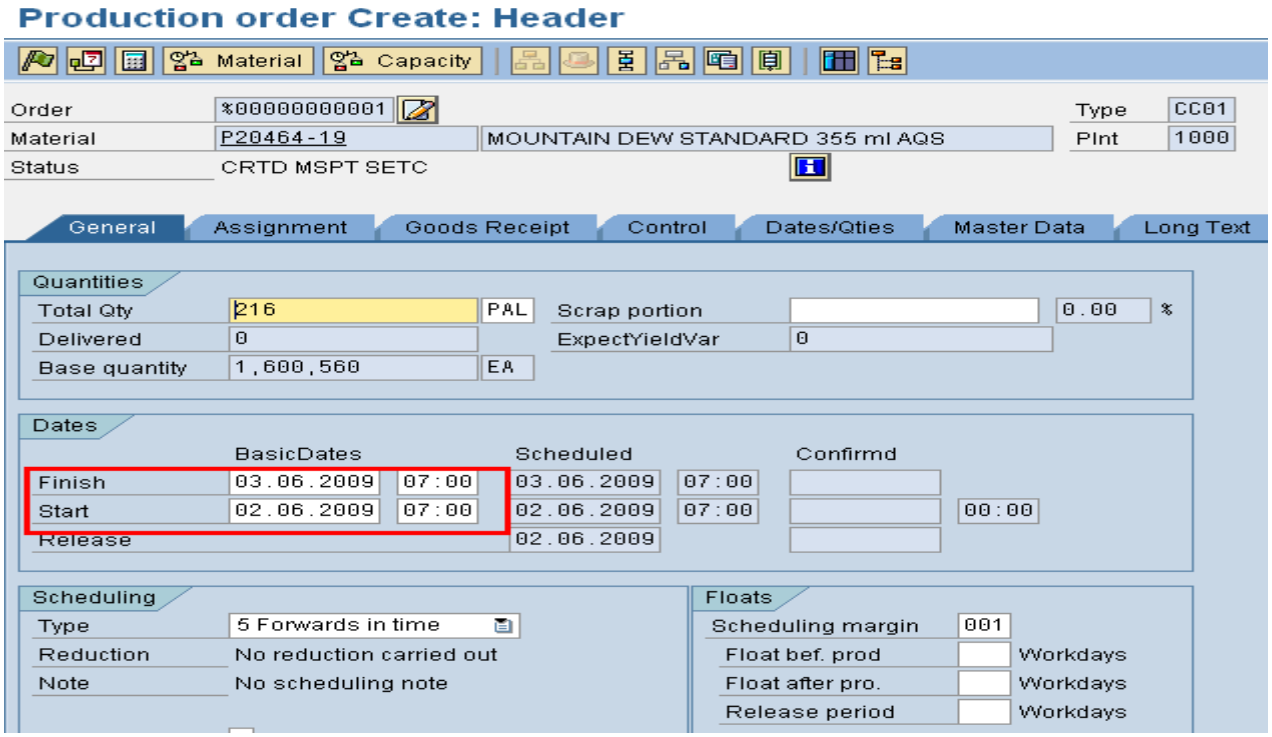


List of Procurement proposals are seen with the Stocks of the Material.

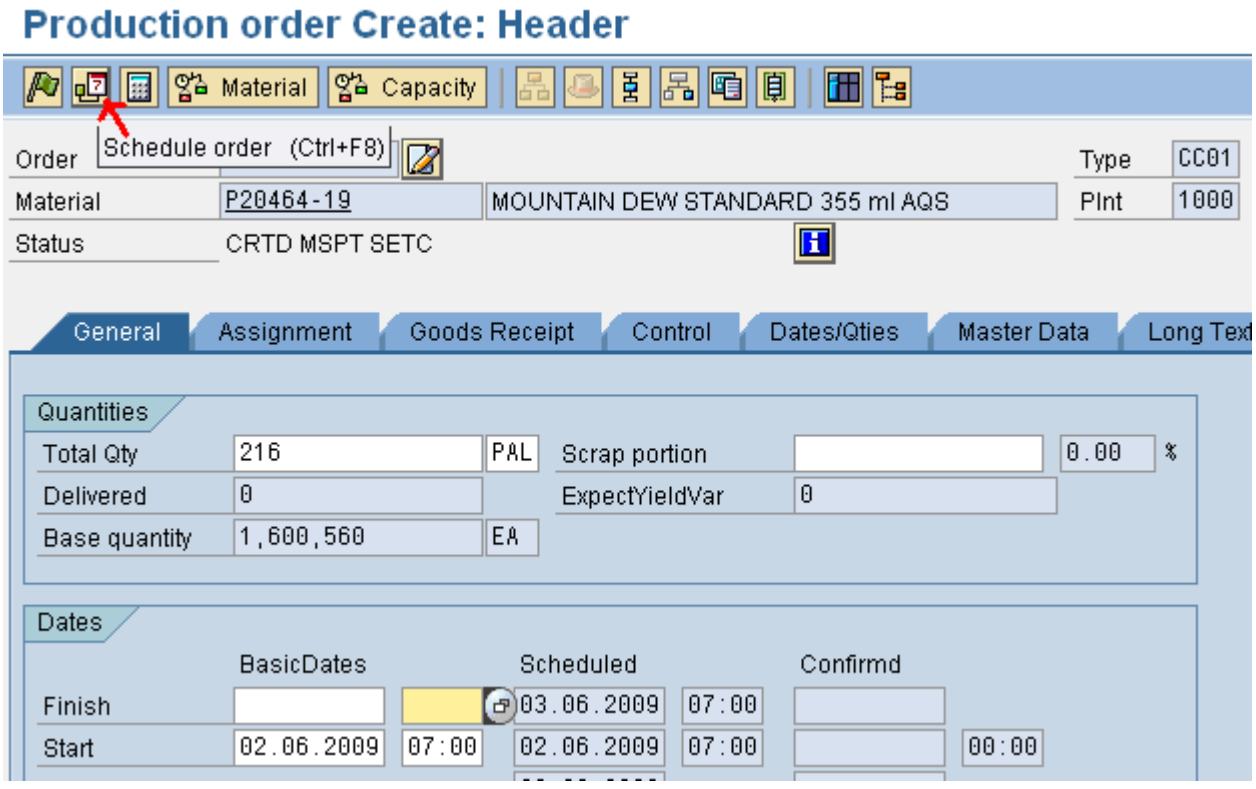
From this List Planned order can be converted into Production Order



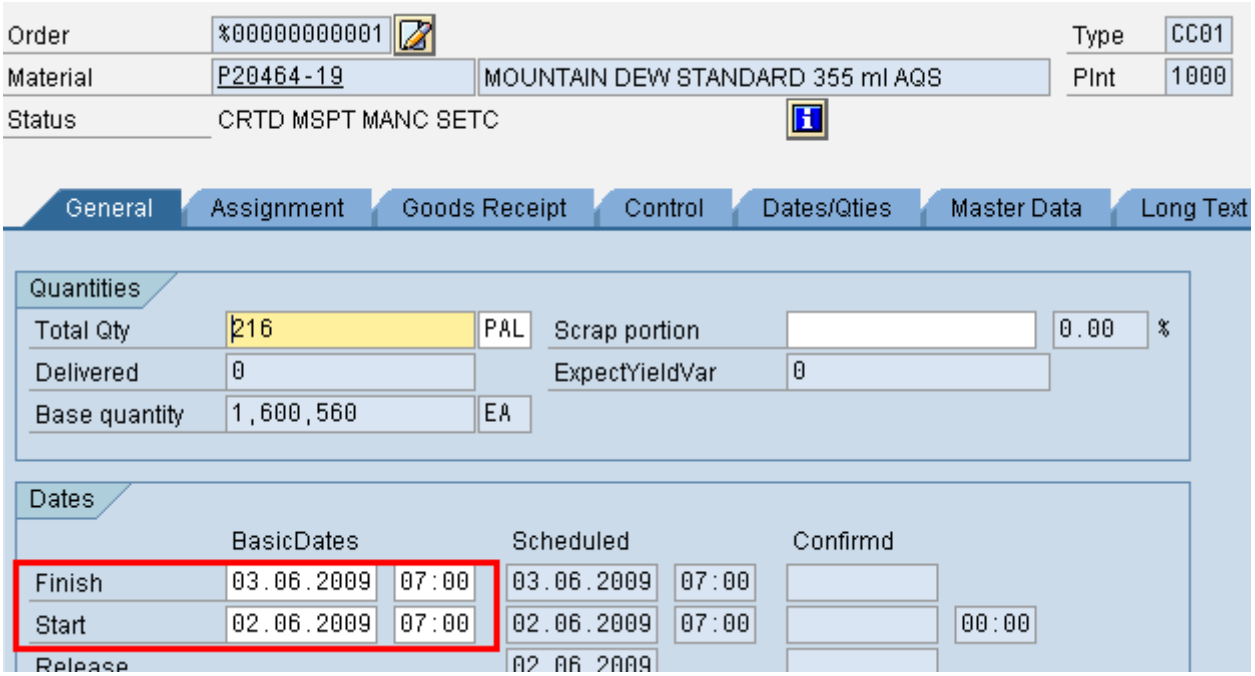
Double click the planned order and in the pop up screen, click Prod.Ord for conversion.



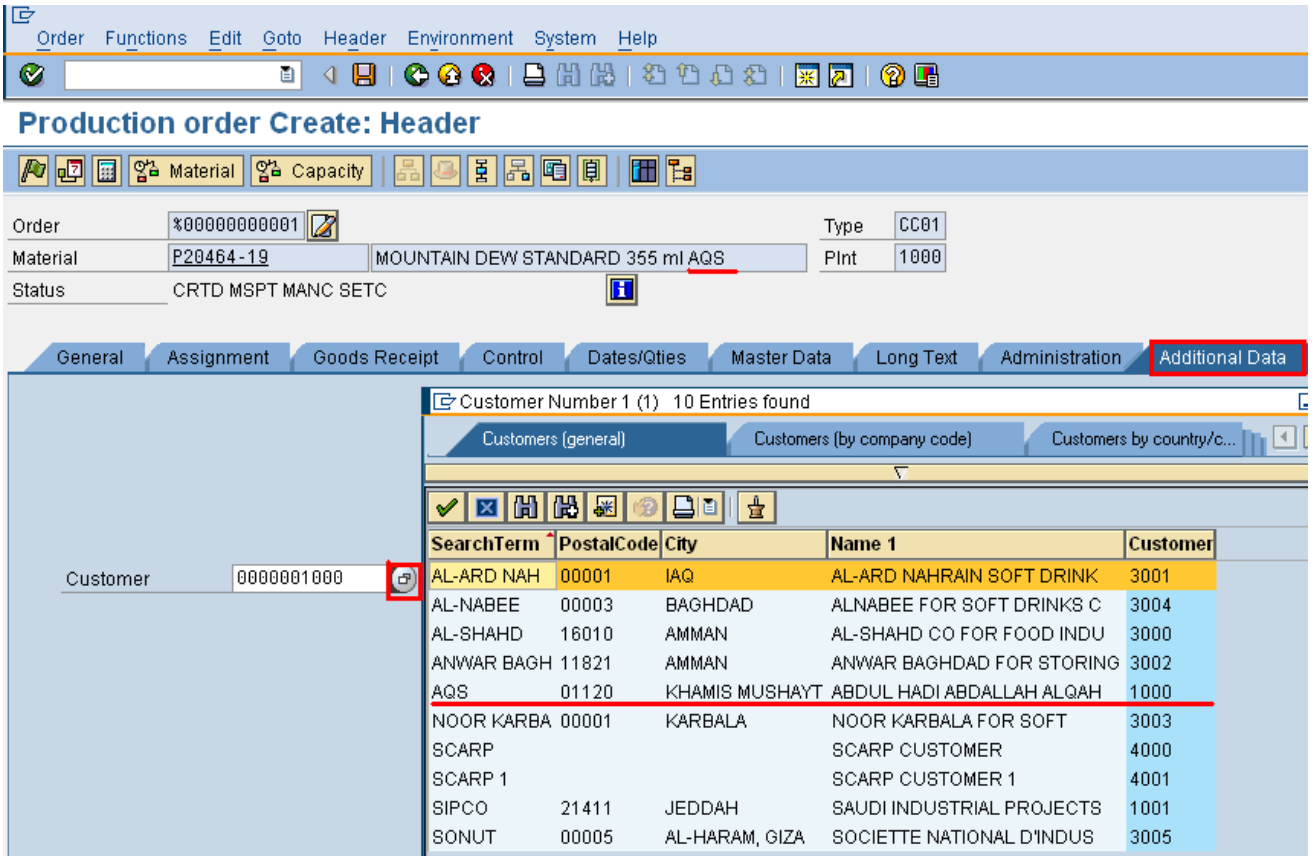
Change the start date and time if necessary, as below:



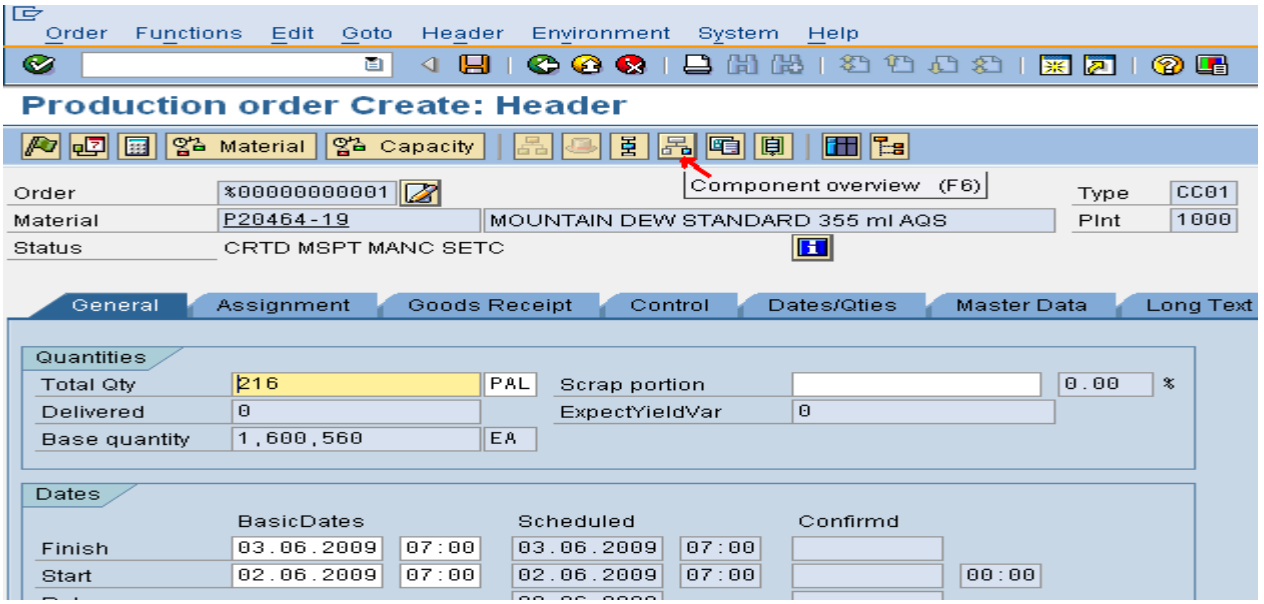
And re-schedule the order.

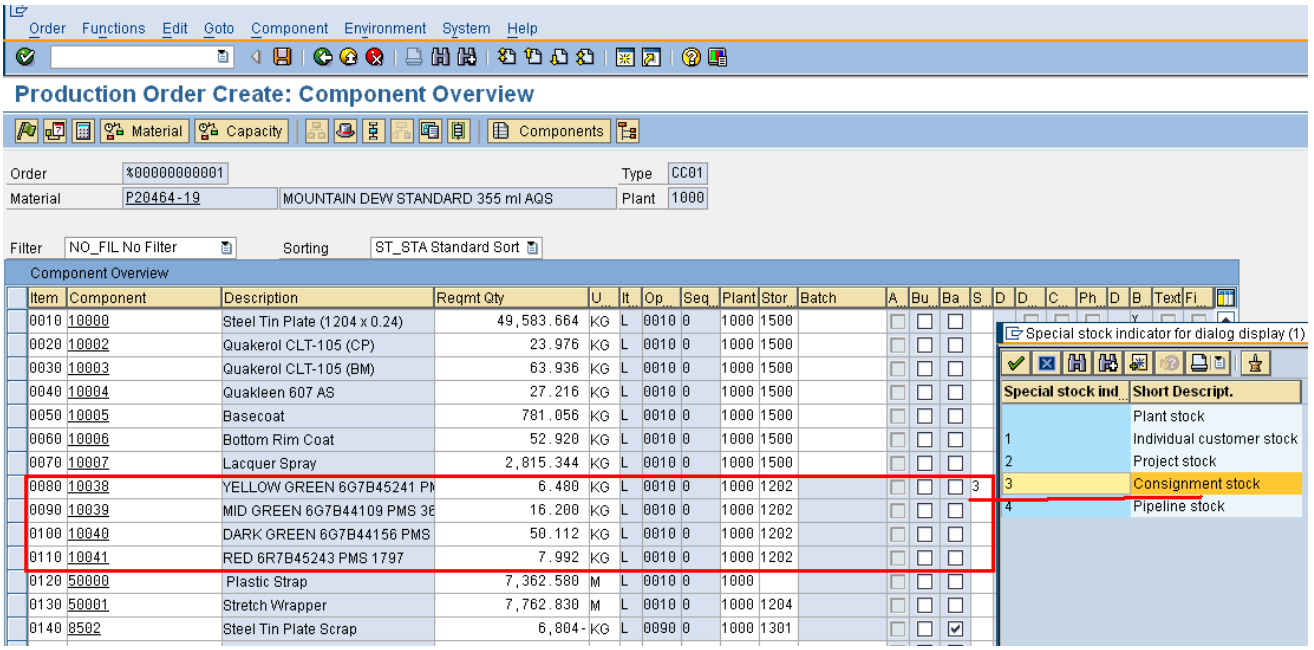


In the Additional tab enter the customer number for the product by taking from the customer list.

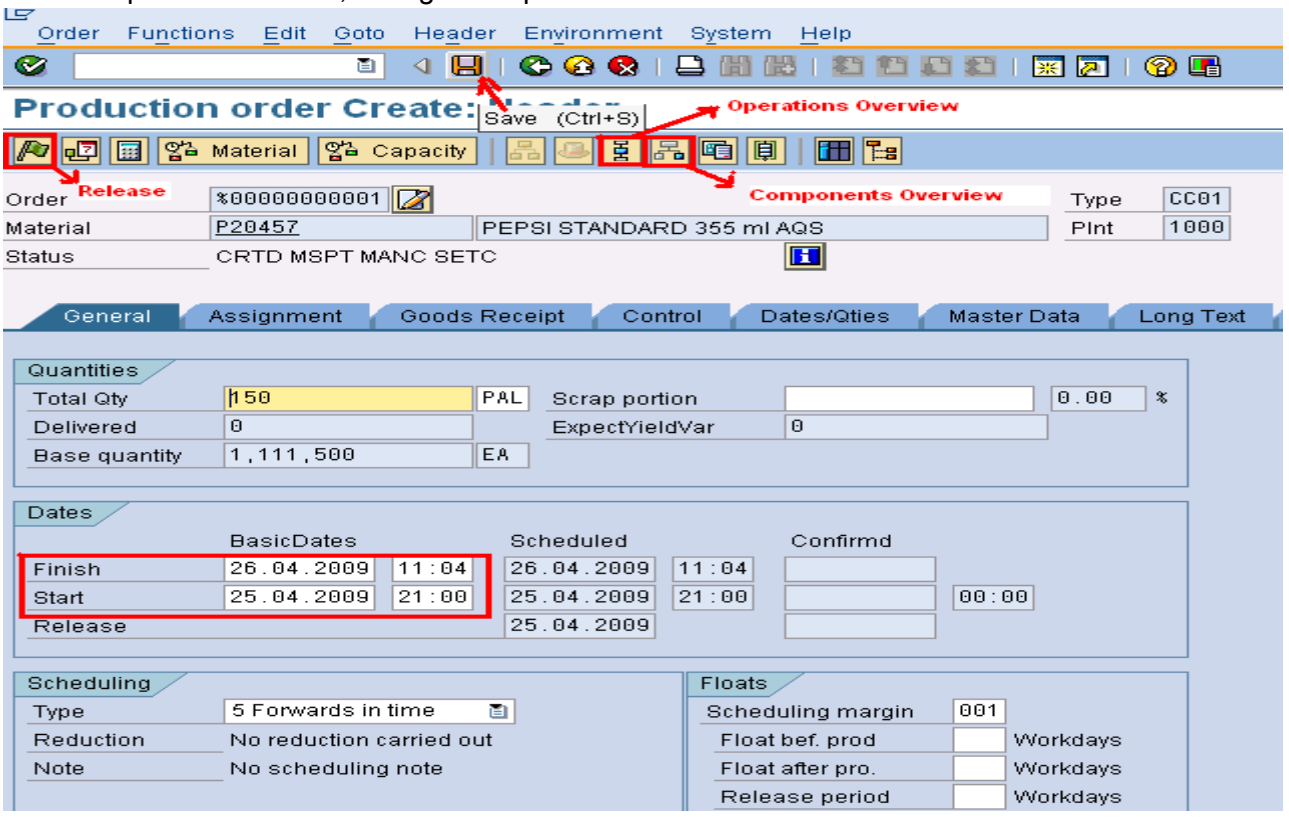


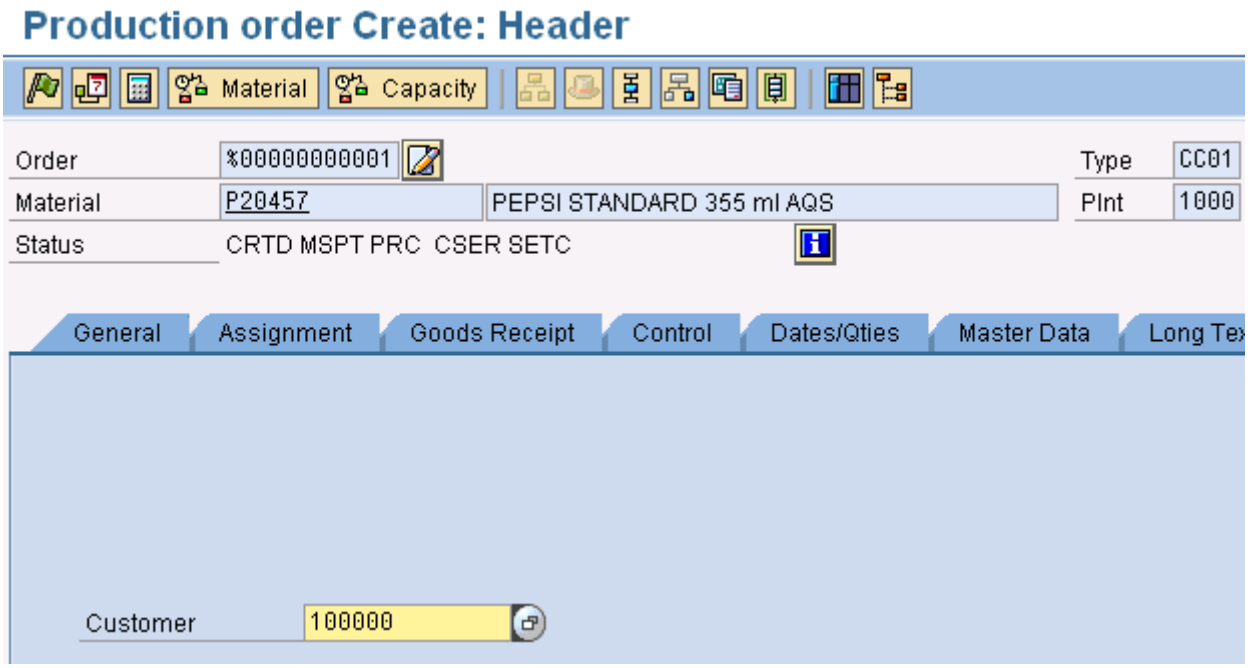
Then click components overview:





In the component overview, change the special indicatior as 3 for the ink

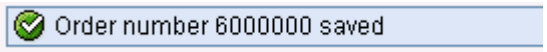


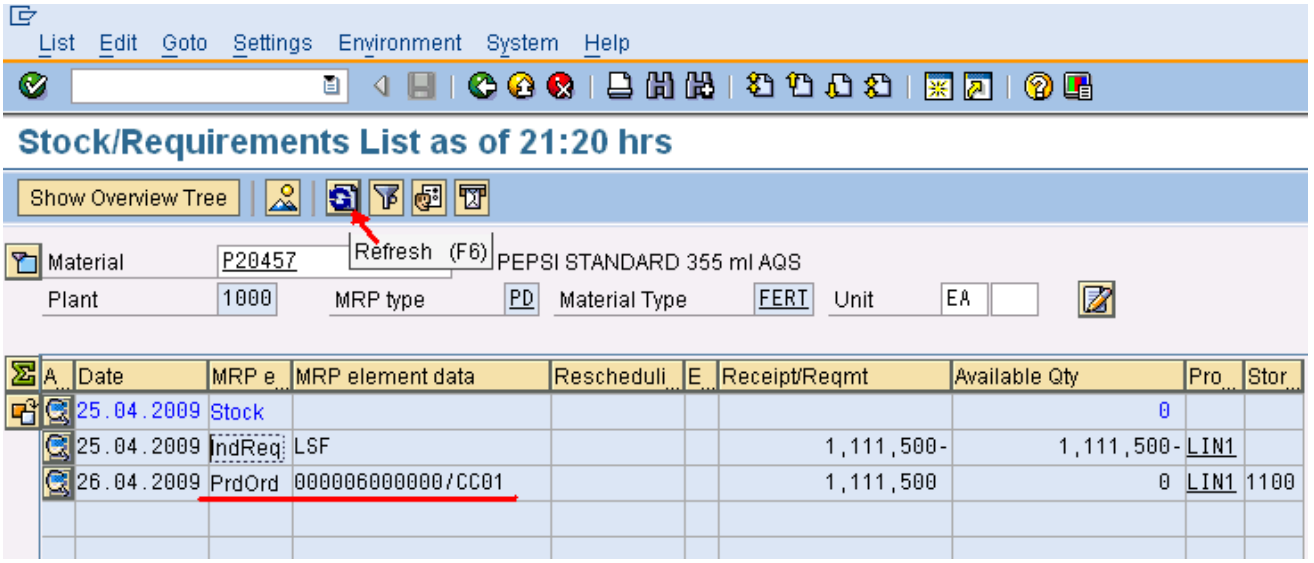


From the Additional data tab, enter the customer number.

In the Order, you can view the list of Components, Operations. Material list for the order quantities will be displayed. In that you can add or delete the Materials with quantities for the Production order.

Then save the order.

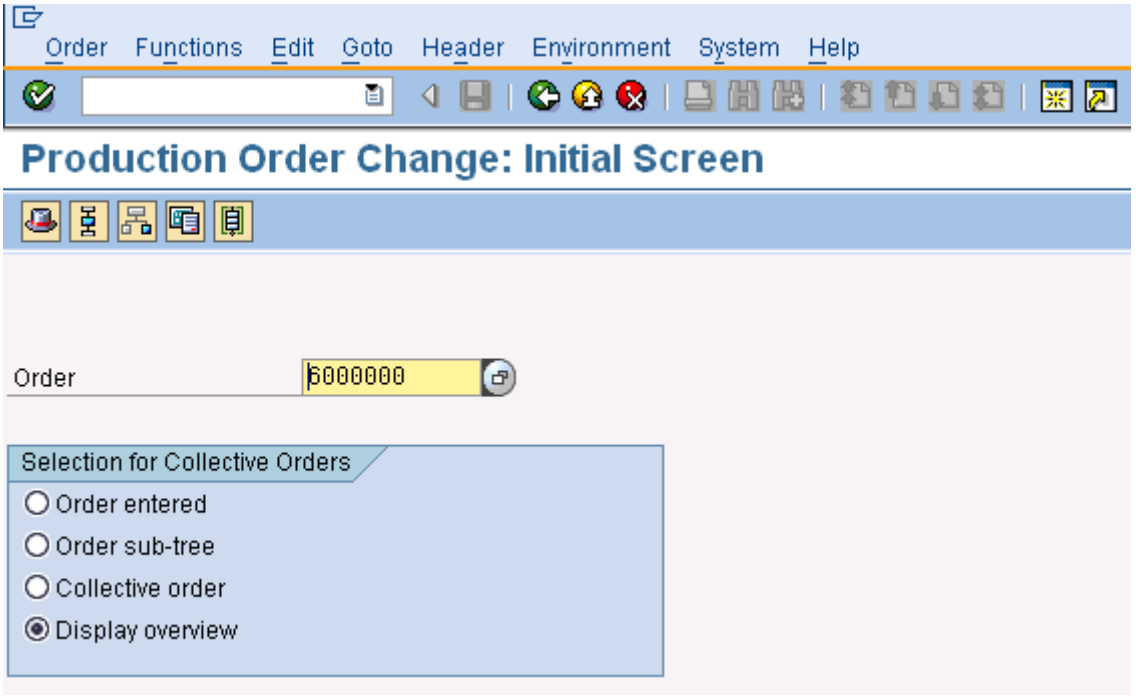




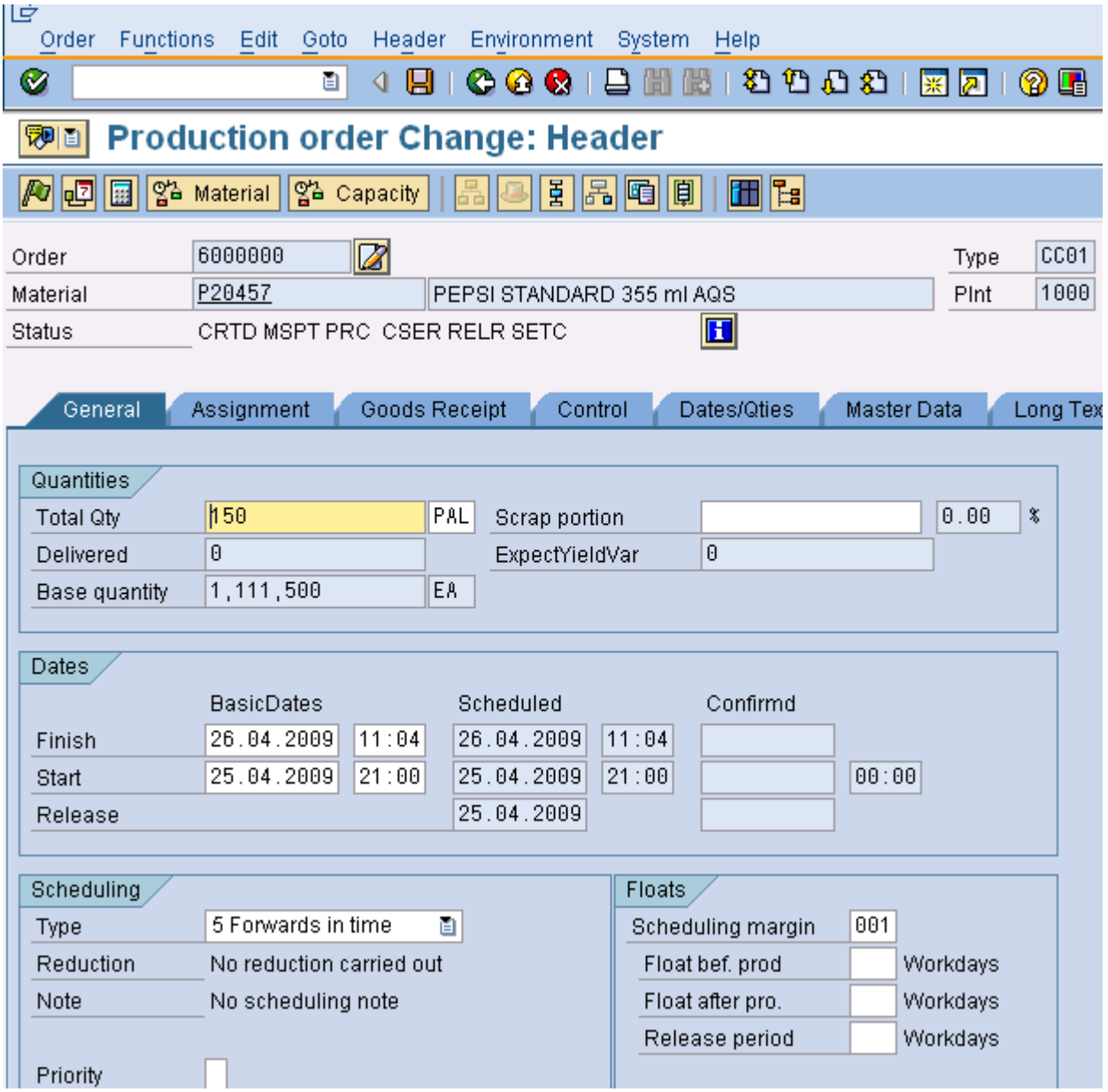
Click the refresh button, you can see the Production order which is created in the Stock/Requirements list.

4.5 Production Order – Change

SAP R/3 Menu	*Logistic □ Production □ Shop Floor Control □ Order □ Change*
Transaction code	CO02



Enter the Production Order number and press enter.

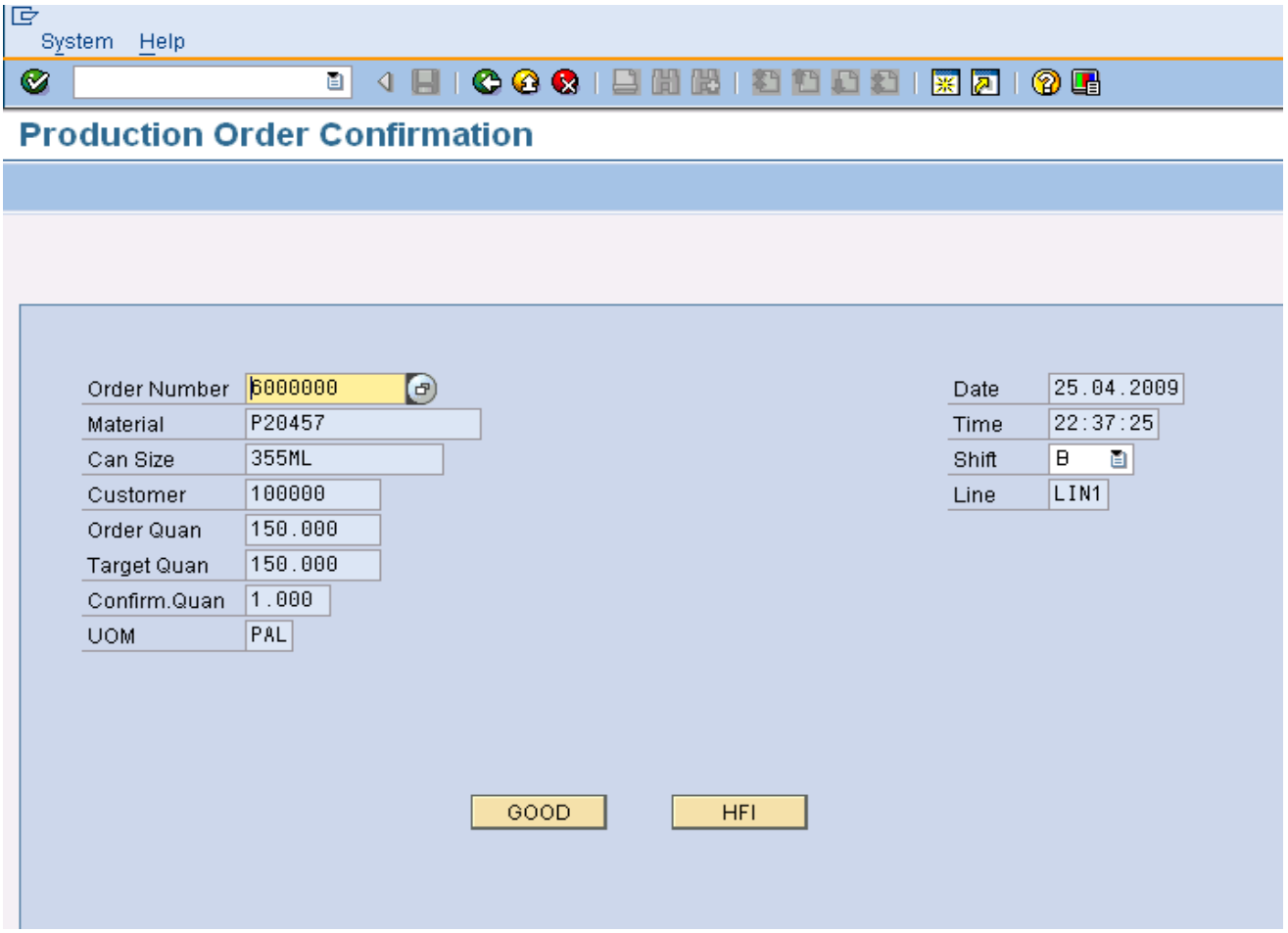


In the change mode, you can change the quantity, dates, component quantity, and operations.

Release the order and save.

4.6 Production Order – Confirmation (Partial - Pallet wise)

SAP R/3 Menu	*Z Transaction*
Transaction code	**ZPCNF**



Enter the Production Order number and the shift in which the order should be processed.

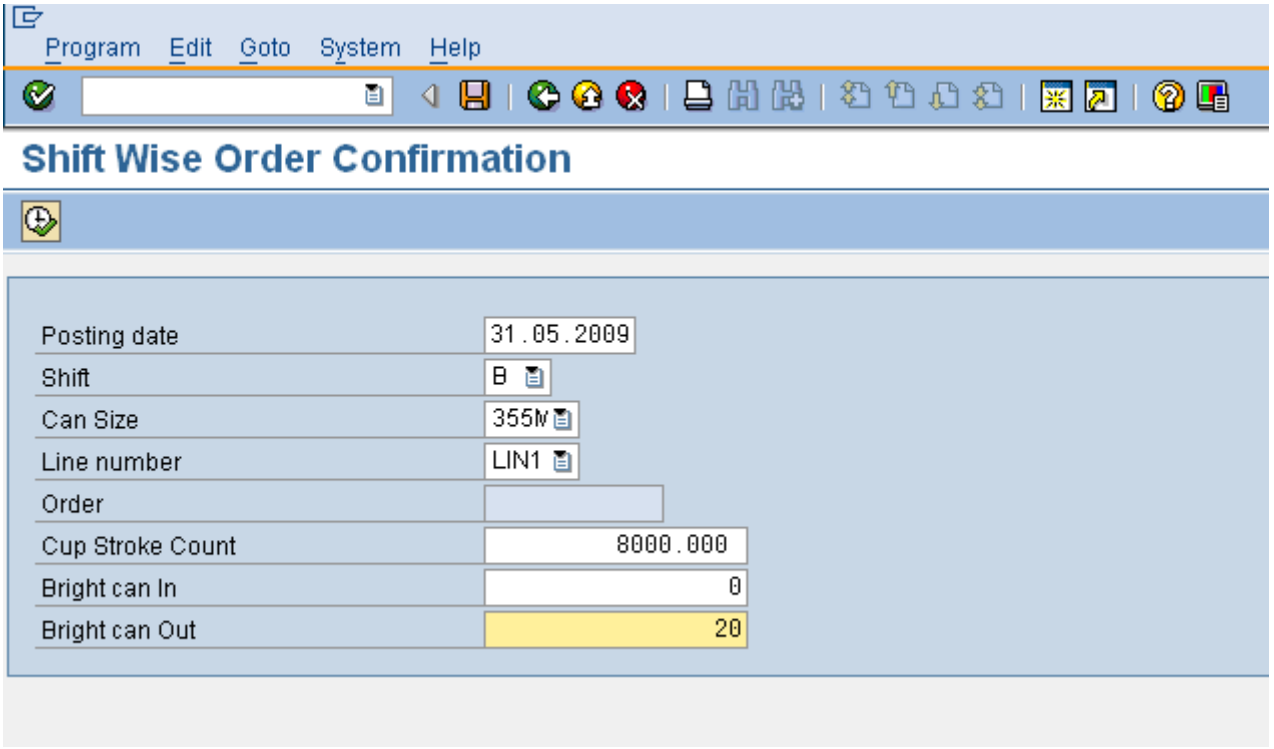
You can see the details of the Production order like, Material, Can size, Customer, Order quantity, Target quantity, to be confirmed quantity, Unit of measure, Date, Time and Production line.

And you will have the buttons for Good and HFI. If the pallet is good one, click the good button, it will generate the pallet ticket with bar code and the confirmation is done partially for 1 pallet and posted in the finished storage location. If HFI button is pressed, it will generate the HFI pallet ticket without barcode and posted in the HFI storage location.

If good button is pressed, the target quantity will get reduced without any change in the Order quantity. If HFI button is pressed, the target quantity will not get reduced, but it will increase the Order quantity.

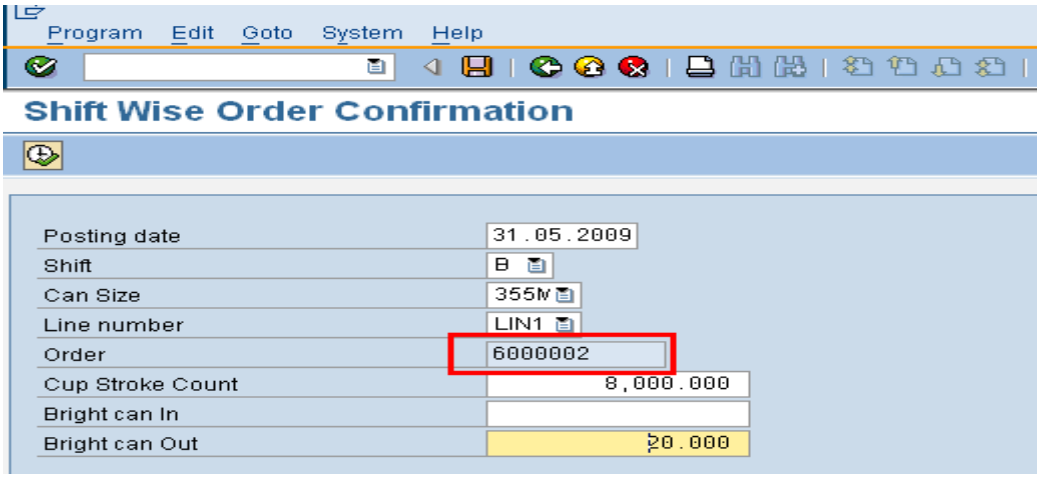
4.7 Production Order – Entry of Cup count and Spoilage Can posting

SAP R/3 Menu	*Z Transaction*
Transaction code	**ZPSCNF**



Enter the date, shift, Can size, Line and enter the Cupper count, Bright Can in and Bright Can out for the particular shift.

Then press enter you can get the first production order number in which this figures will get post as below:

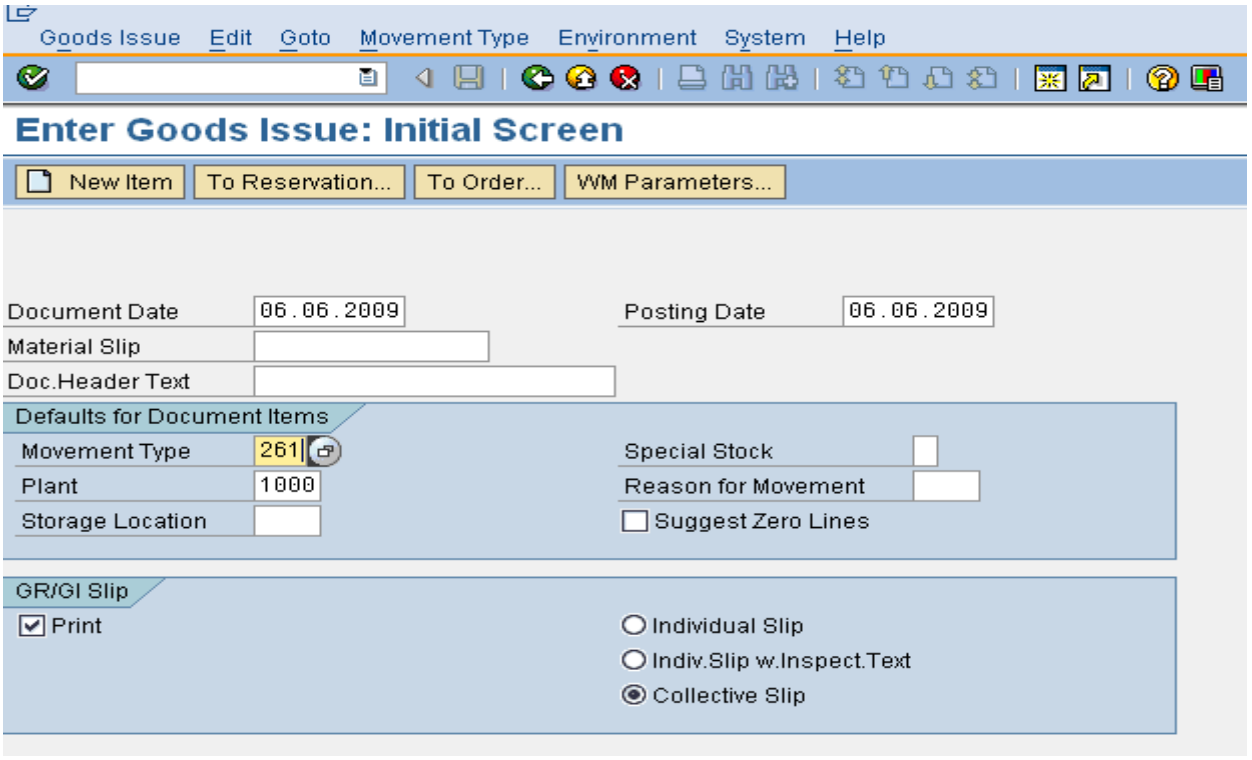


Then execute.

In background the Cupper count, Bright can in, Bright can out, Spoilage can (It will be calculated automatically) entries are updated for the 010 operation for the mentioned production order corresponding to the date and shift. Bright cans and Spoilage cans will be posted in their respective storage locations.

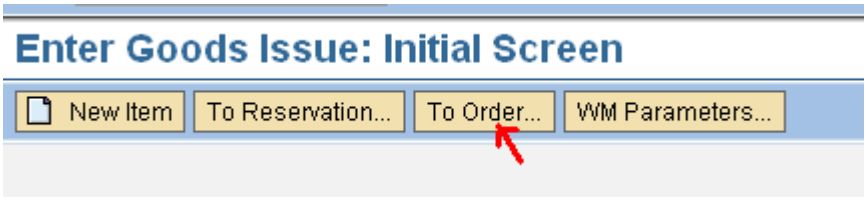
4.8 Goods Issue

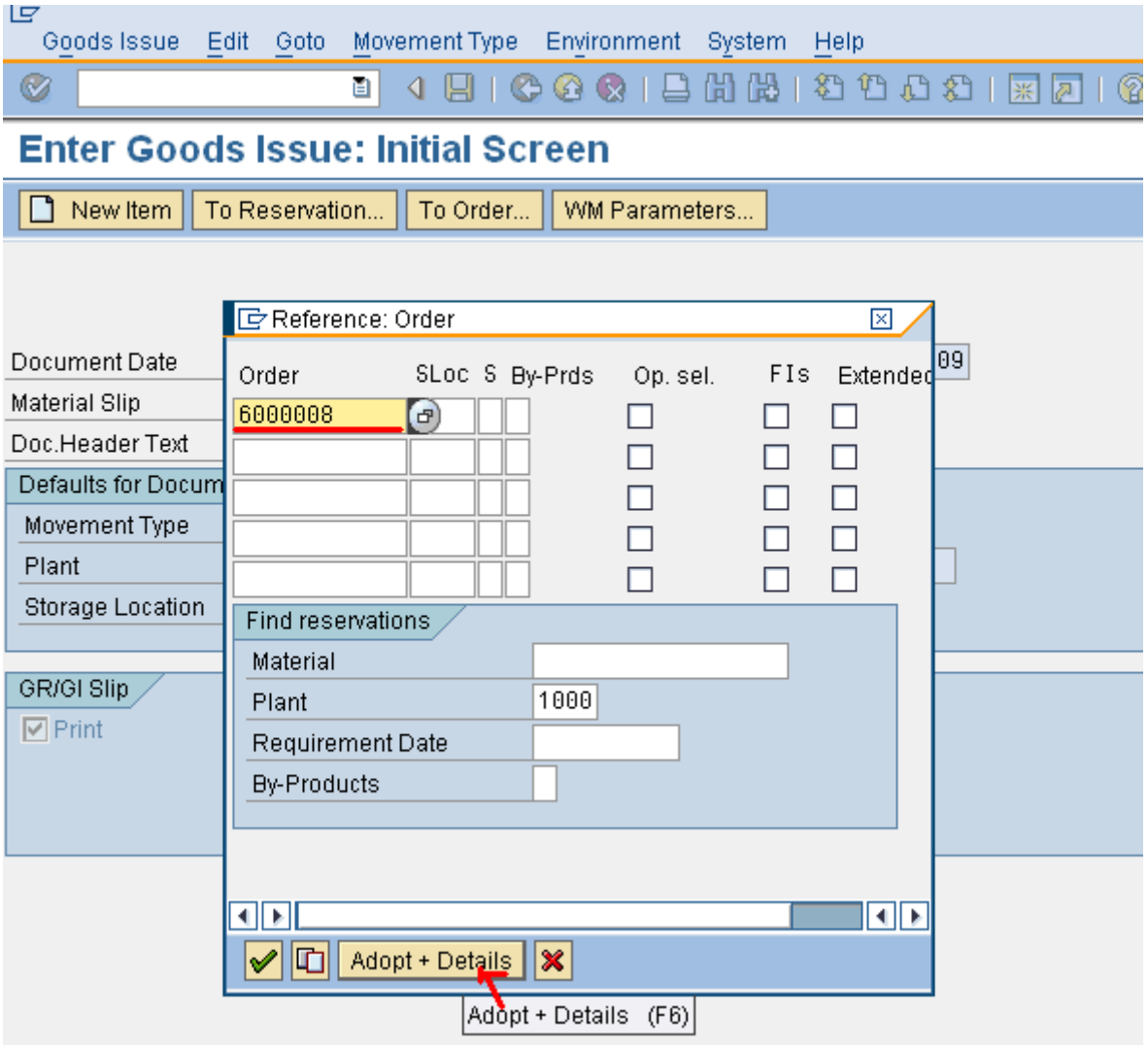
SAP R/3 Menu	
Transaction code	**MB1A**



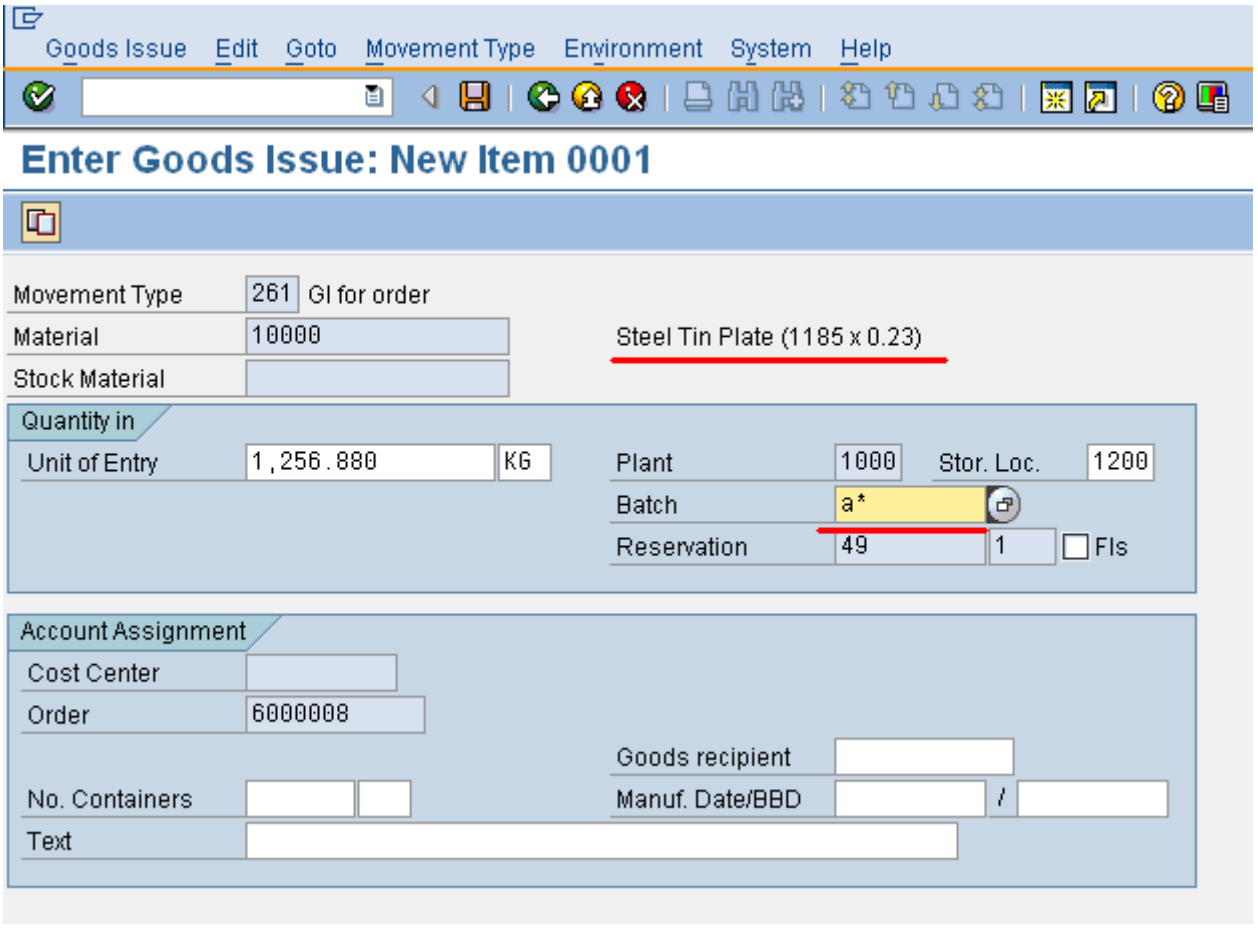
Enter the Movement type – 261 (Goods Issue)
Plant – 1000

And then click the 'To Order' tab from the top



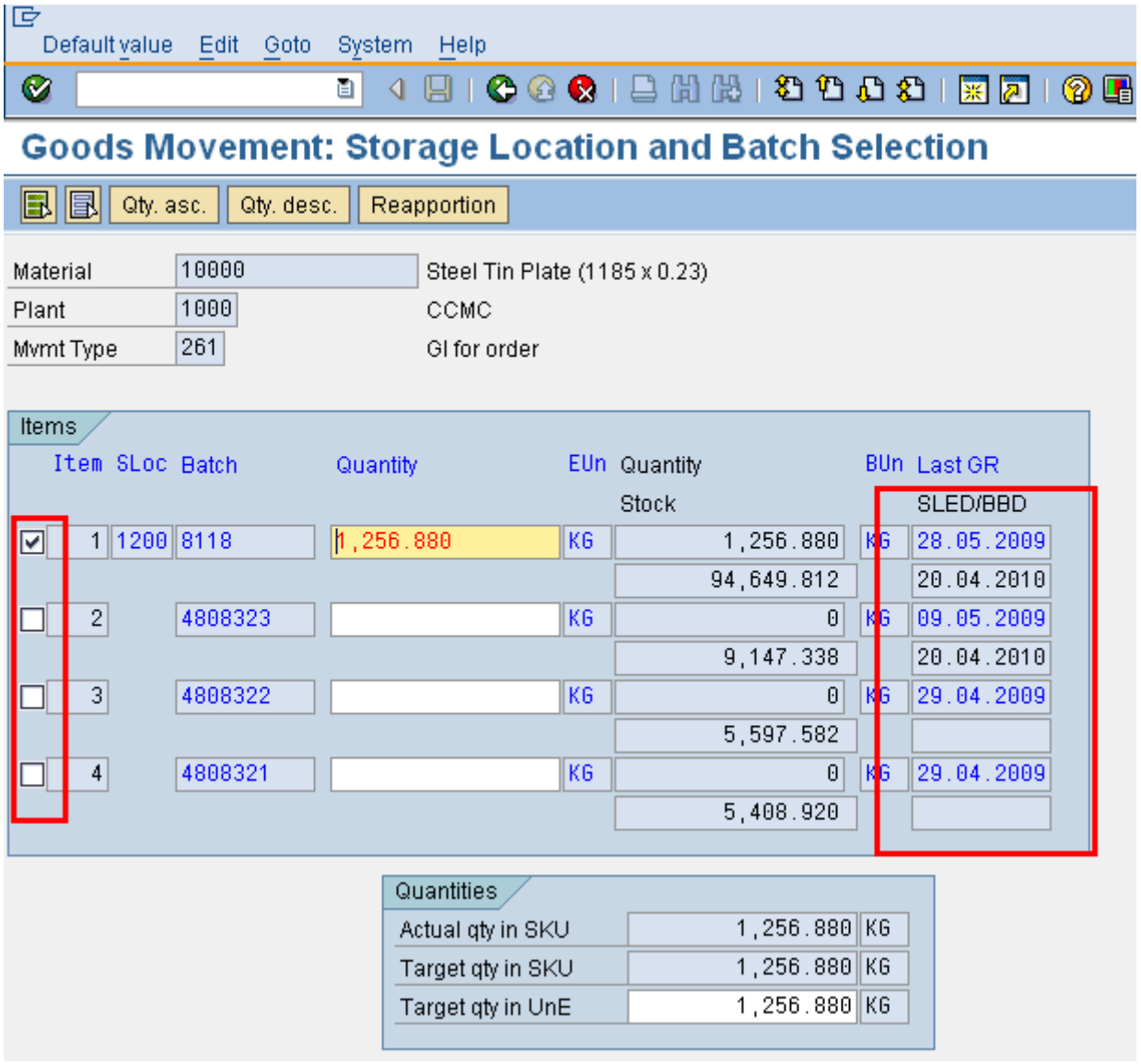


Enter the Production order number for which goods to be issued, and click Adopt+Details.



It will list out the Components one by one,

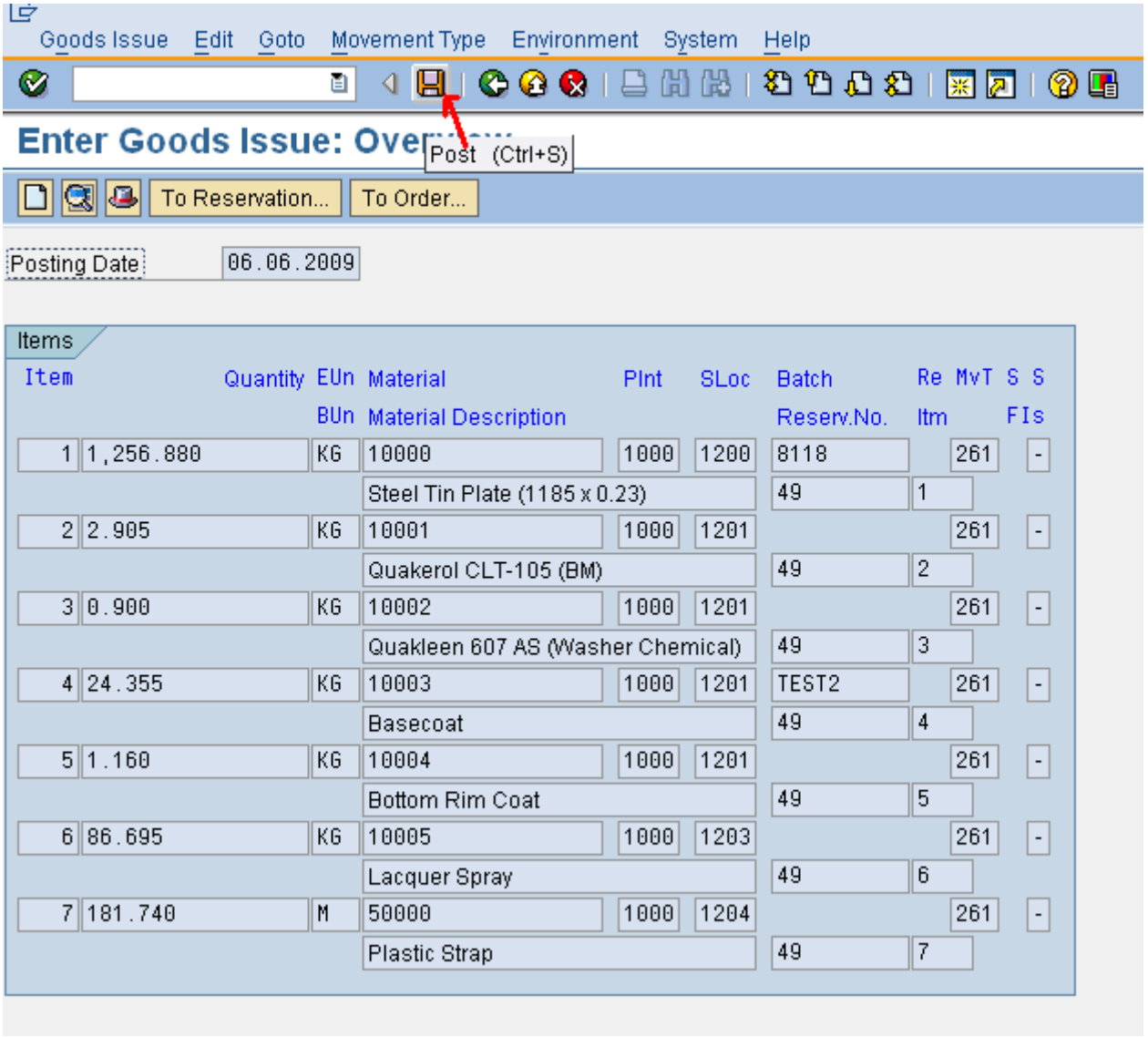
For example, For Steel Tin Plate – enter ‘a*’ in the field batch, it will list out the all the batch (Coil Number) of it. From that you can choose the quantity, also according to the manufacturing date.



From the Default value tab, you can choose according to FIFO, LIFO, Shelf expiry and choose the Batch (Serial number) of the material with respect to the quantity.

After selecting the required batch and quantity, come back

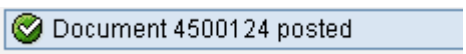
As the same select the other raw materials if batch is there. Finally you will get the full list screen after picking the batches as below:



Item	Quantity	EUn / BUn	Material / Material Description	Plnt	SLoc	Batch / Reserv.No.	Re / Itm	MvT	S / FIs
1	1,256.880	KG	10000	1000	1200	8118		261	-
			Steel Tin Plate (1185 x 0.23)			49	1		
2	2.905	KG	10001	1000	1201			261	-
			Quakerol CLT-105 (BM)			49	2		
3	0.900	KG	10002	1000	1201			261	-
			Quakleen 607 AS (Washer Chemical)			49	3		
4	24.355	KG	10003	1000	1201	TEST2		261	-
			Basecoat			49	4		
5	1.160	KG	10004	1000	1201			261	-
			Bottom Rim Coat			49	5		
6	86.695	KG	10005	1000	1203			261	-
			Lacquer Spray			49	6		
7	181.740	M	50000	1000	1204			261	-
			Plastic Strap			49	7		

Check all the figures and Post.

Goods Issued for the Production order and you will get the Material document.

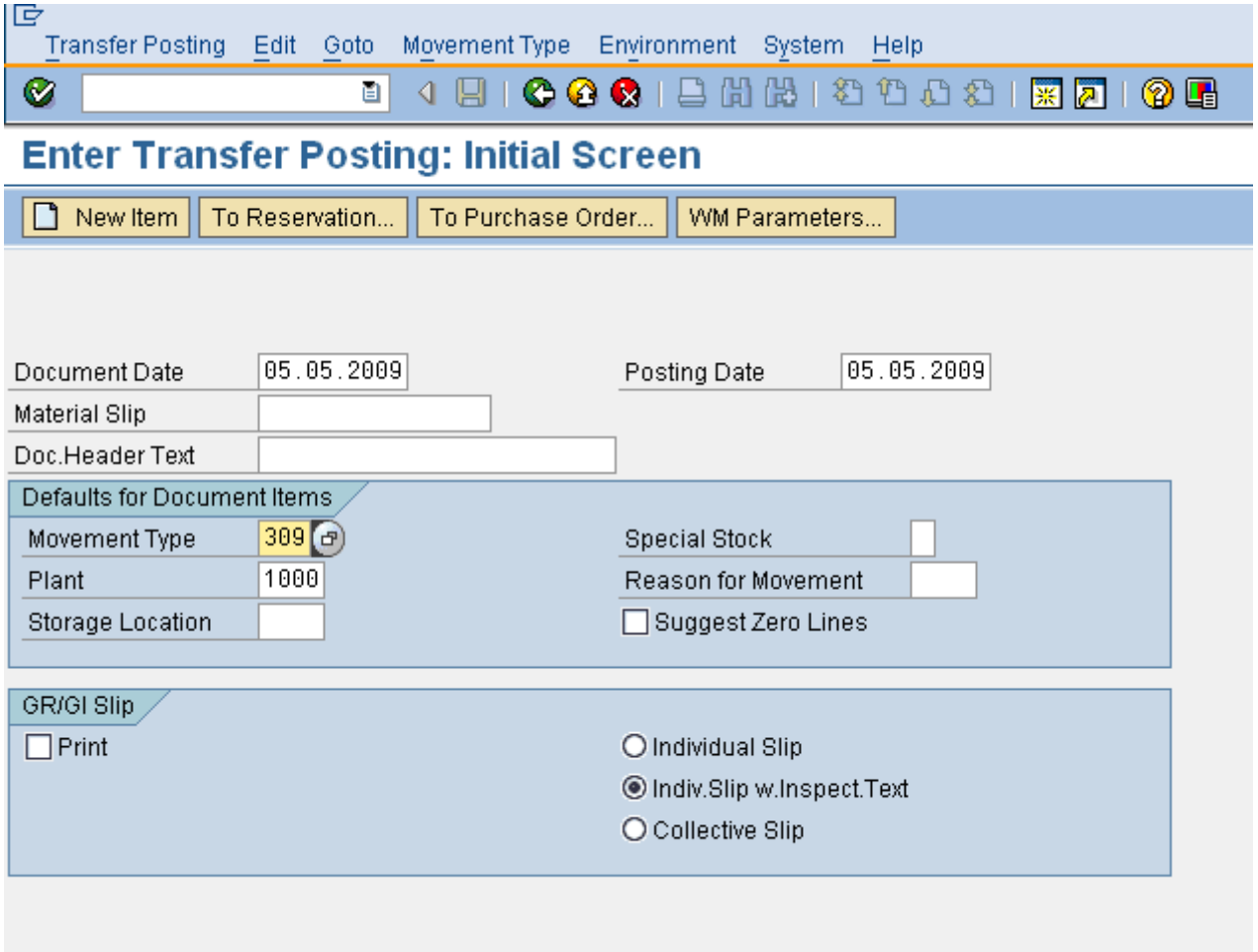


This document is the reference for posting with material and accounting entries for the Goods Issue of raw materials for the Production order.

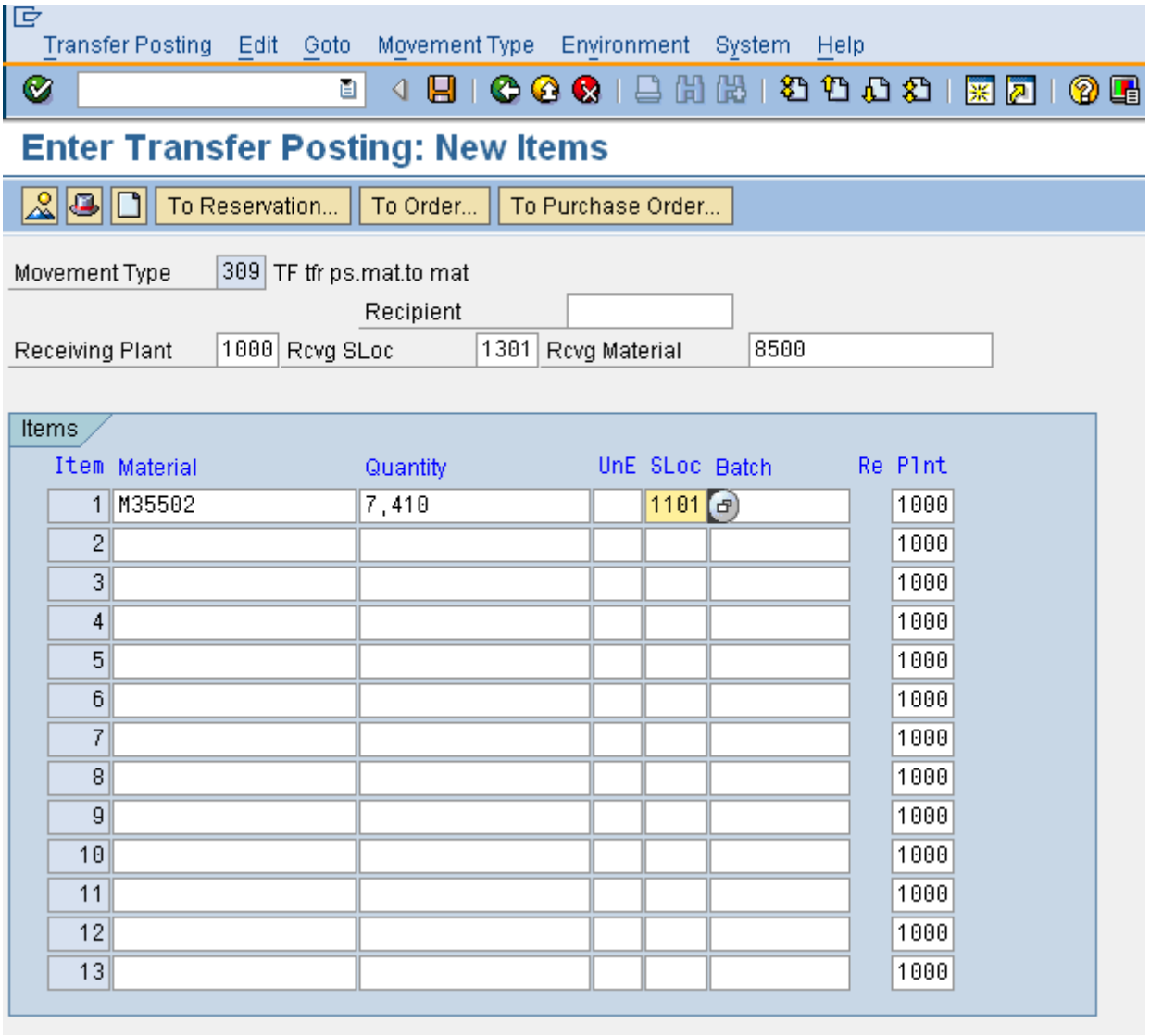
Additional quantity can also be issued against the same production order for excess consumption. And entries can be reversed with 262 movement type in the same transaction for reverse (if wrong entries)

4.9 Transfer Posting

SAP R/3 Menu	
Transaction code	MB1B



To transfer the finished material to spoilage can, Enter the movement type 309 – Transfer posting Material to Material, Plant and press enter.



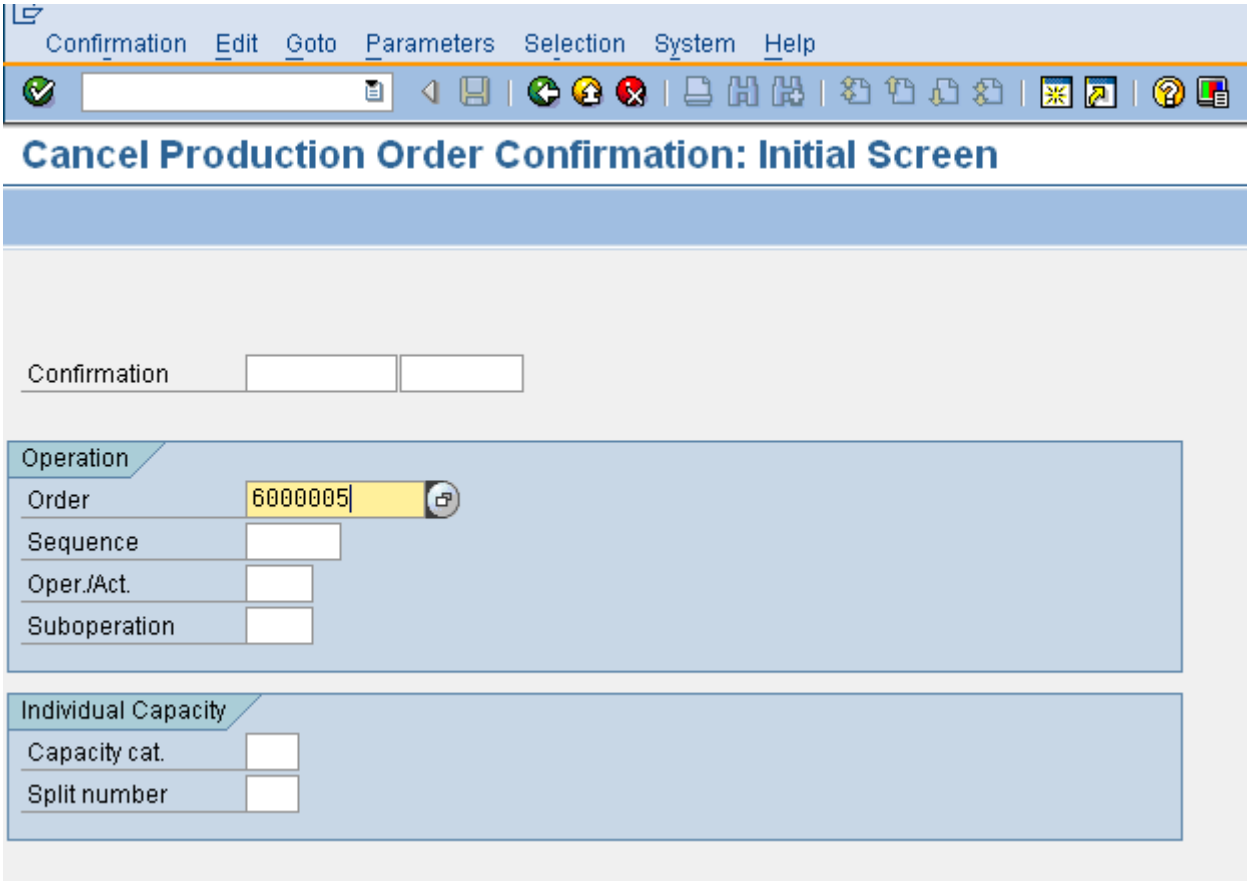
Enter the receiving plant, receiving storage location and receiving material & in the item list enter the material which is to be transferred with the quantity and the storage location from where it has to be transferred.

And Post

System will generate a material document for this posting.

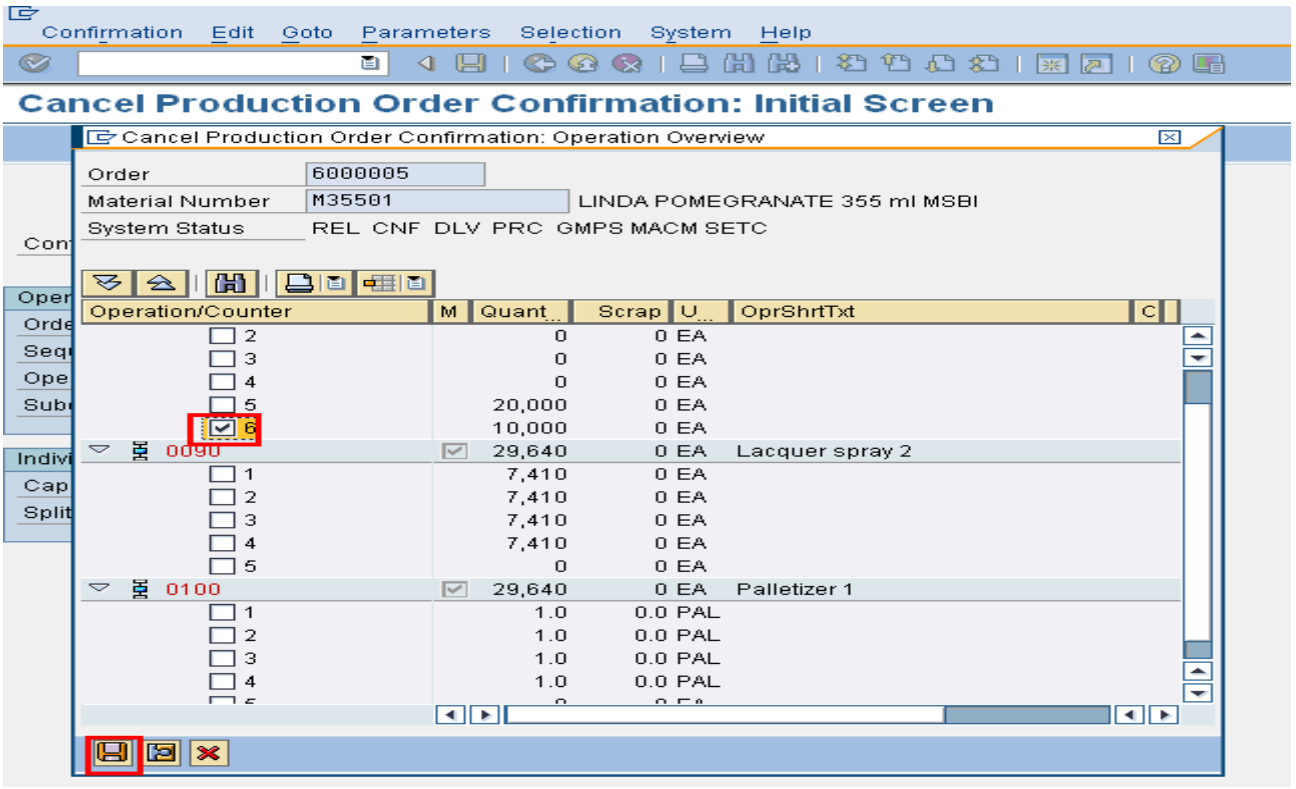
4.10 Production Order Confirmation – Cancel

SAP R/3 Menu	*Logistic* □ *Production* □ *Shop Floor Control* □ Confirmation □ *Cancel*
Transaction code	CO13

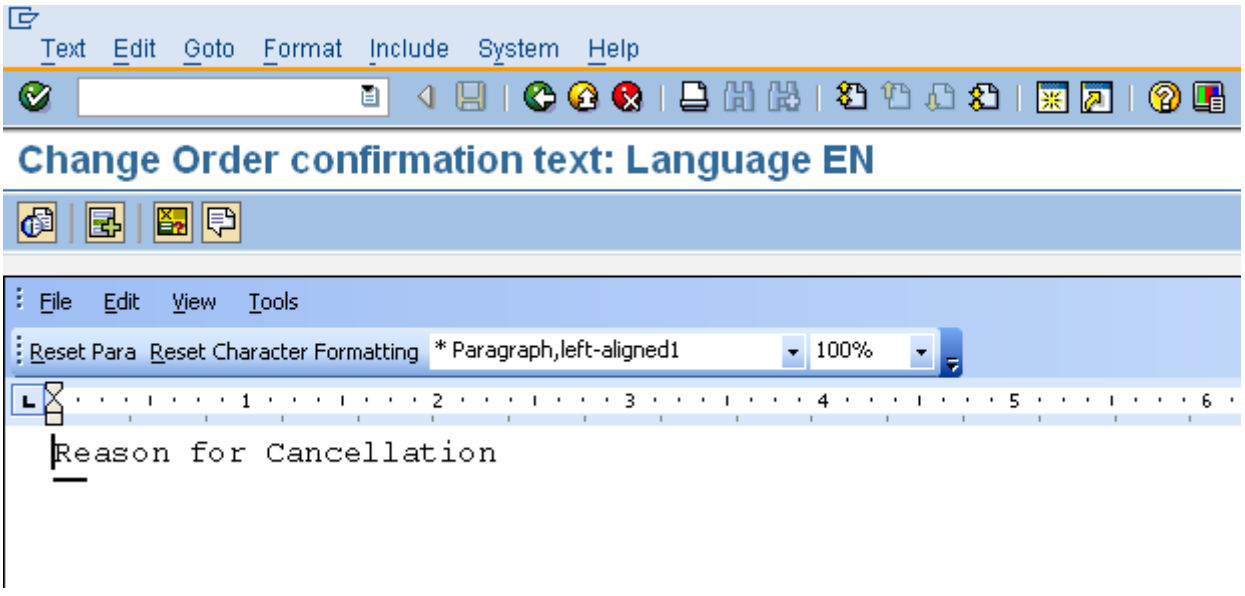


Enter the Production order number to process the cancel confirmation

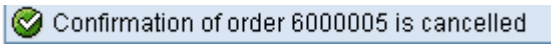
Then press enter.



Select the operation of the production order which is to be cancelled and press save button.



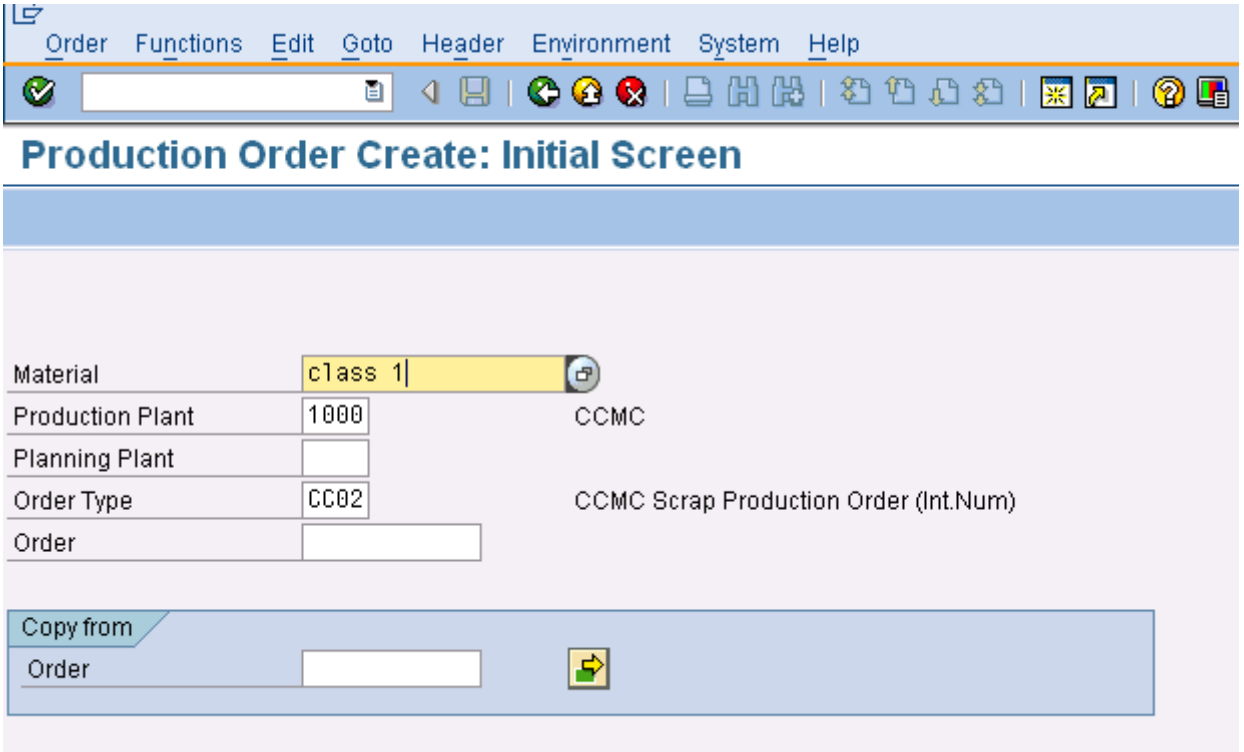
Enter reason for cancellation if required. Then come back and save.



5 Scrap Process

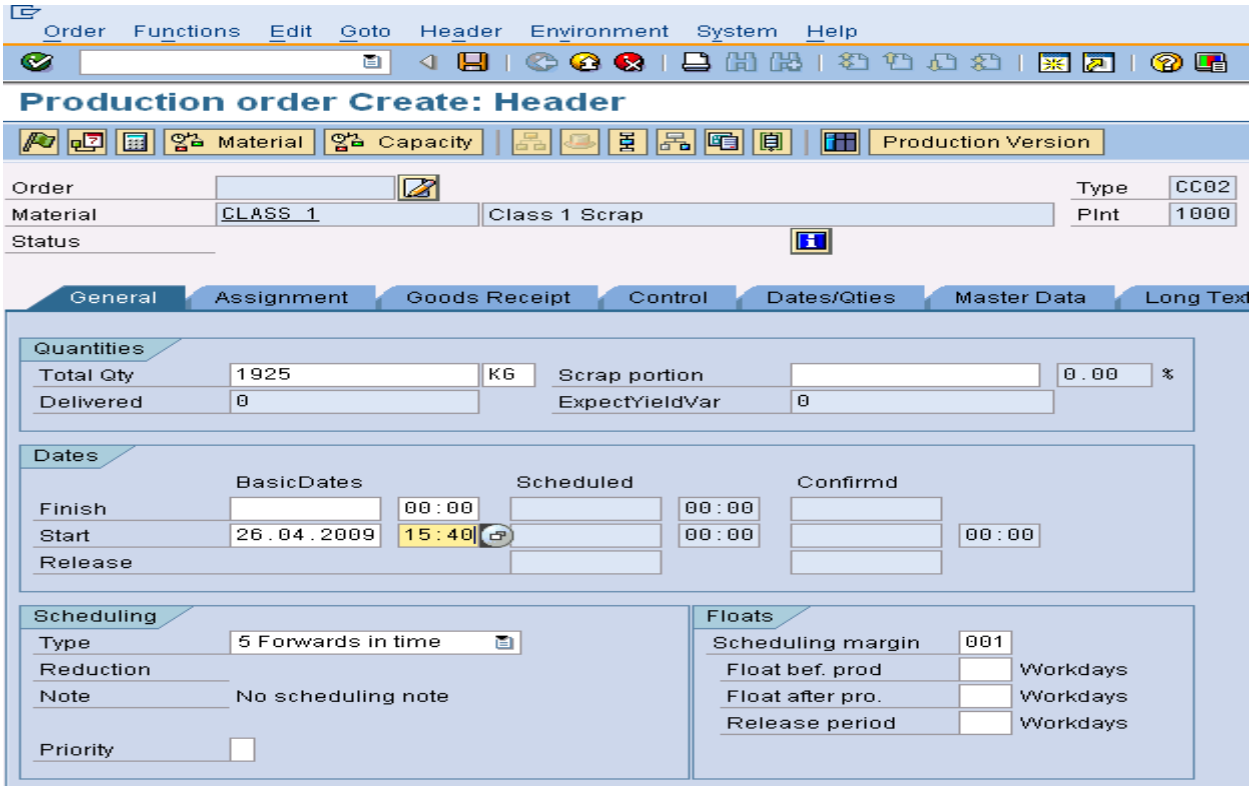
5.1 Production Order – Creation

SAP R/3 Menu	*Logistic □ Production □ Shop Floor Control □ Order □ Create □ With material*
Transaction code	CO01

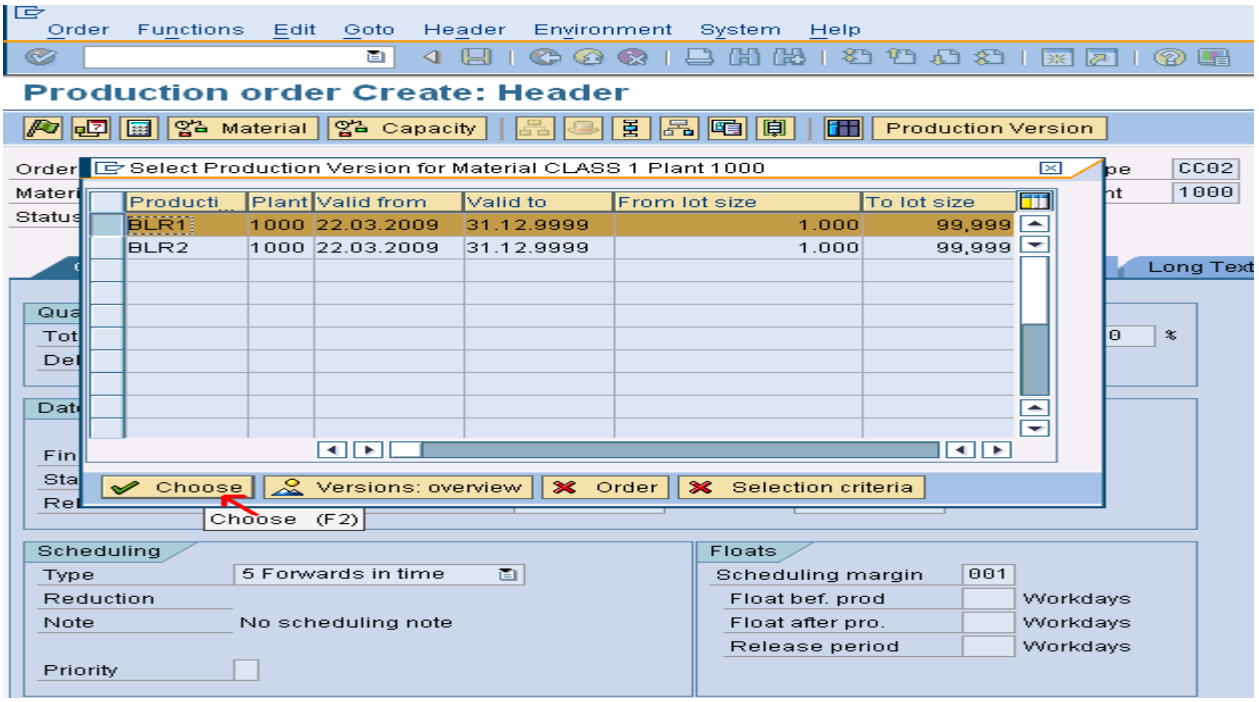


Enter the scrap material – Class 1, plant and order type CC02 – CCMC Scrap Production order.

Then press enter.

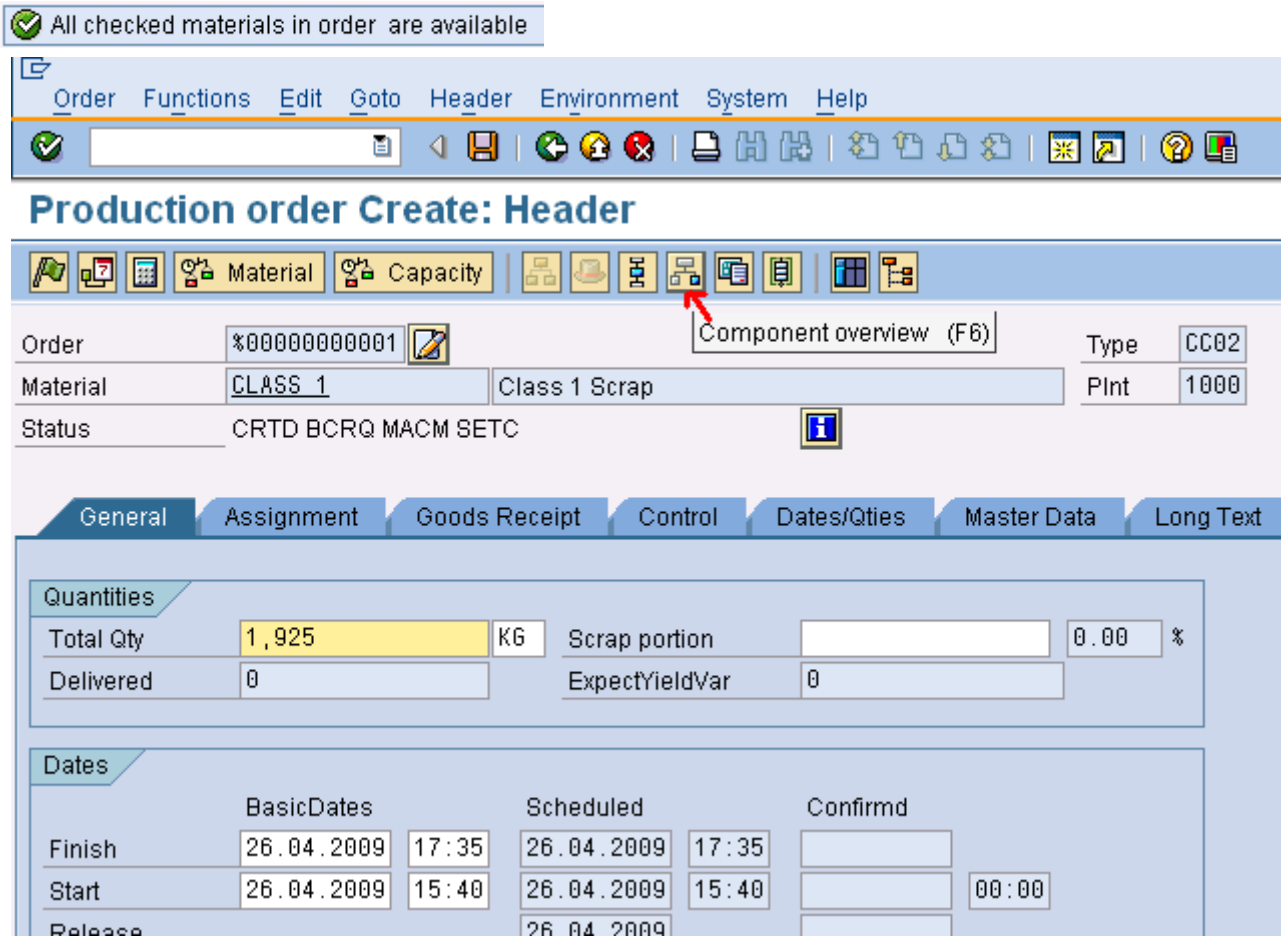


Enter the quantity to be produced and the start date and time and press enter.

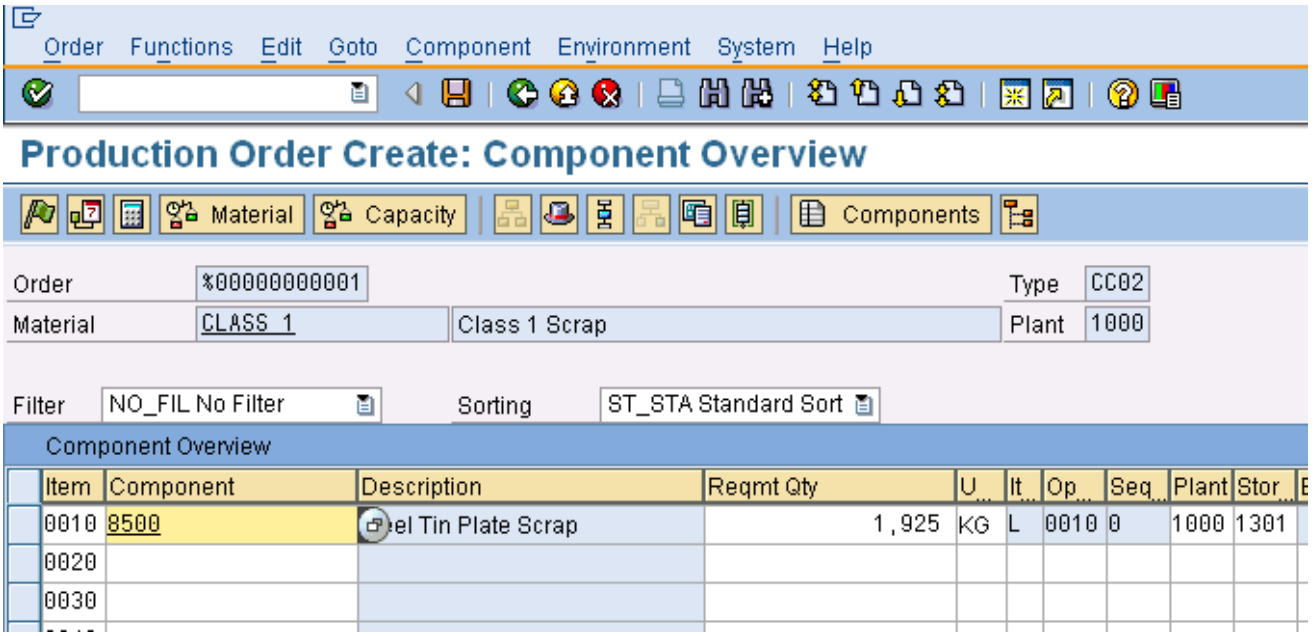


Select the Baler and click choose to continue.

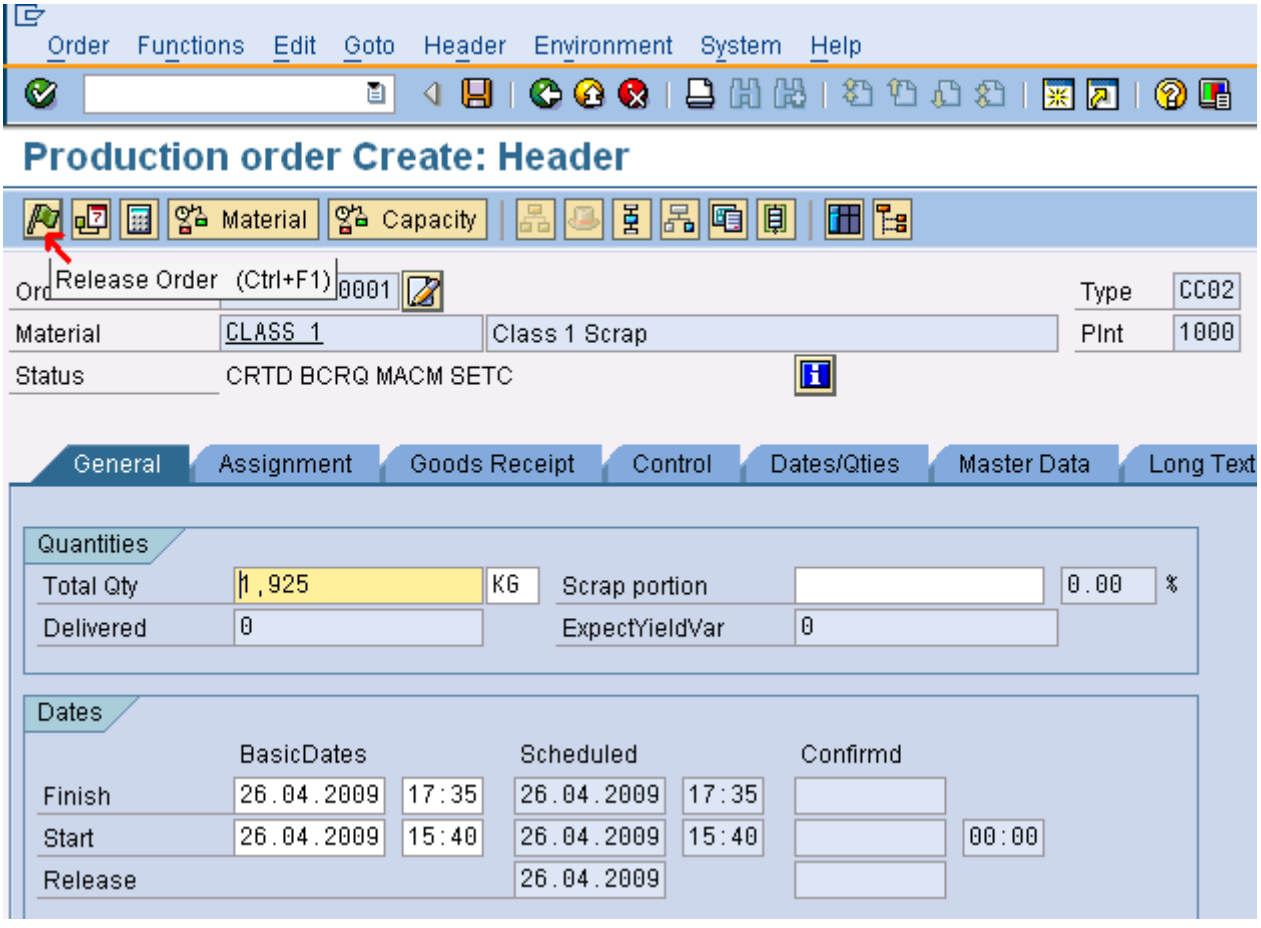
It will process and if all the components are available it will give the message as



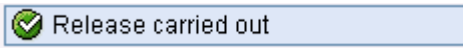
Click component overview, you can see components to be issued as below:



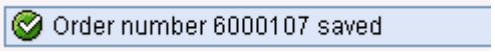
Changes can be done in the component over view, if necessary. And come back.



Release the order by clicking the above button.

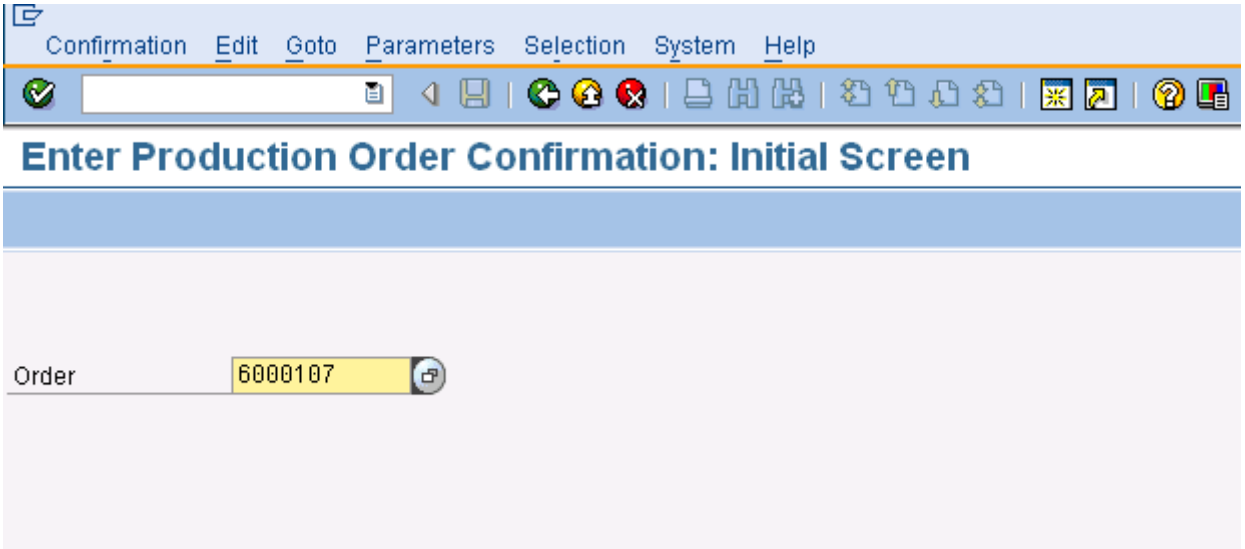


And Save

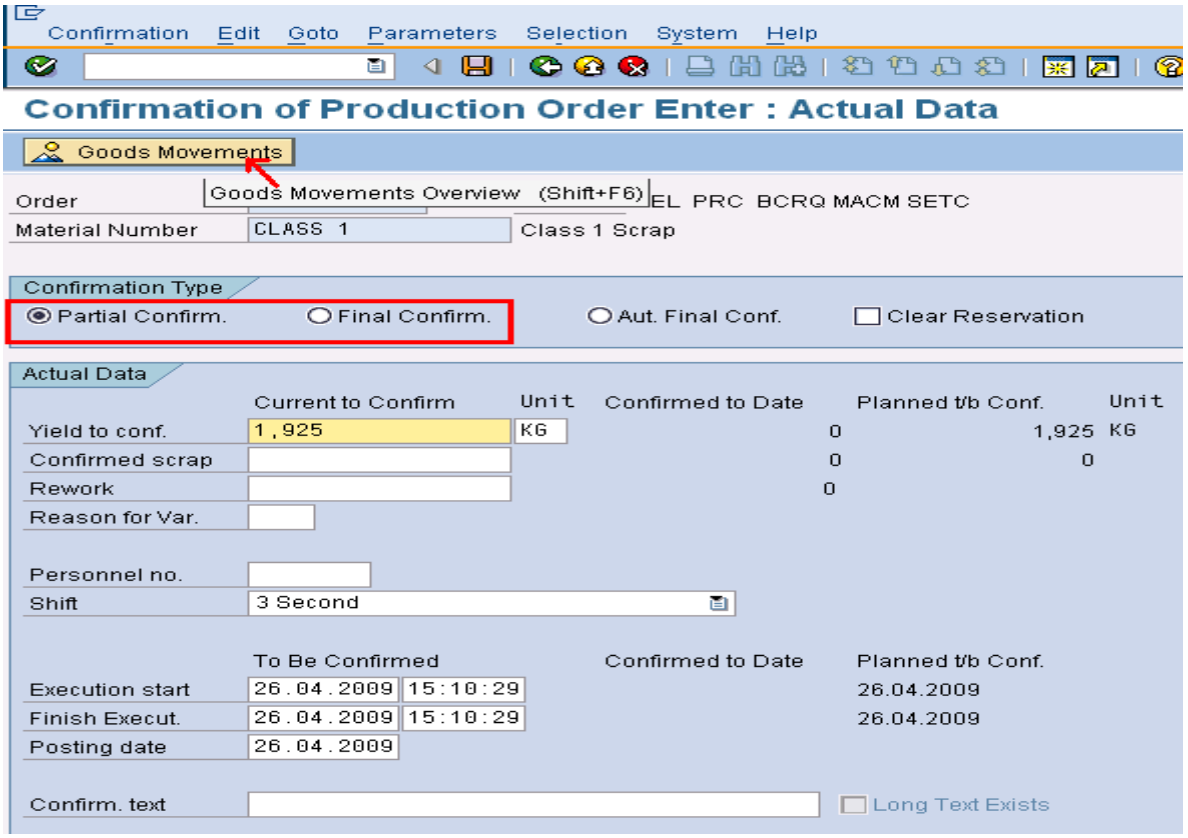


5.2 Production Order – Confirmation (For Order)

SAP R/3 Menu	*Logistic □ Production □ Shop Floor Control □ Confirmation □ Enter □ For Order*
Transaction code	C015

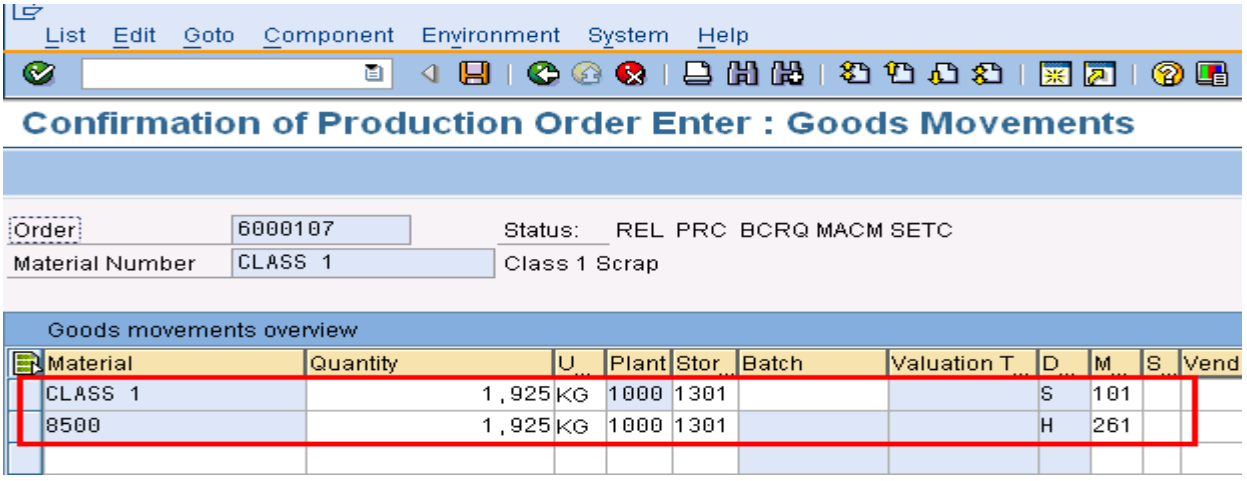


Enter the production order number and press enter.

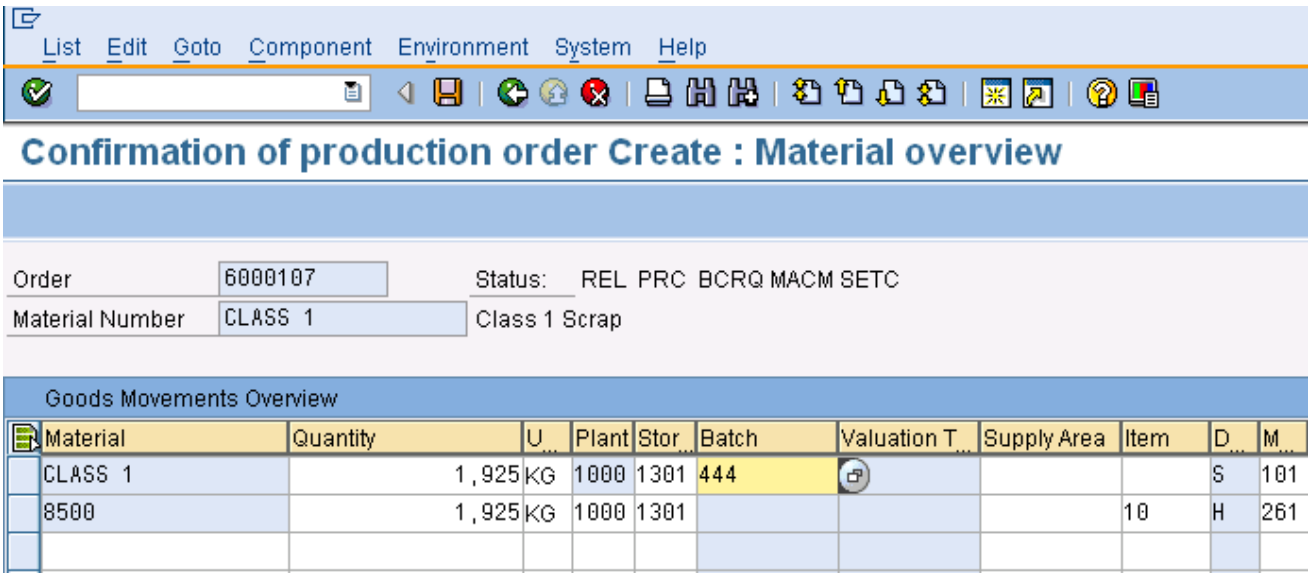


Check all the entries of Yield, Shift, posting date and timings. Then change the confirmation type from Partial confirmation to Final confirmation.

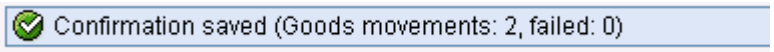
Click the Goods Movement tab,



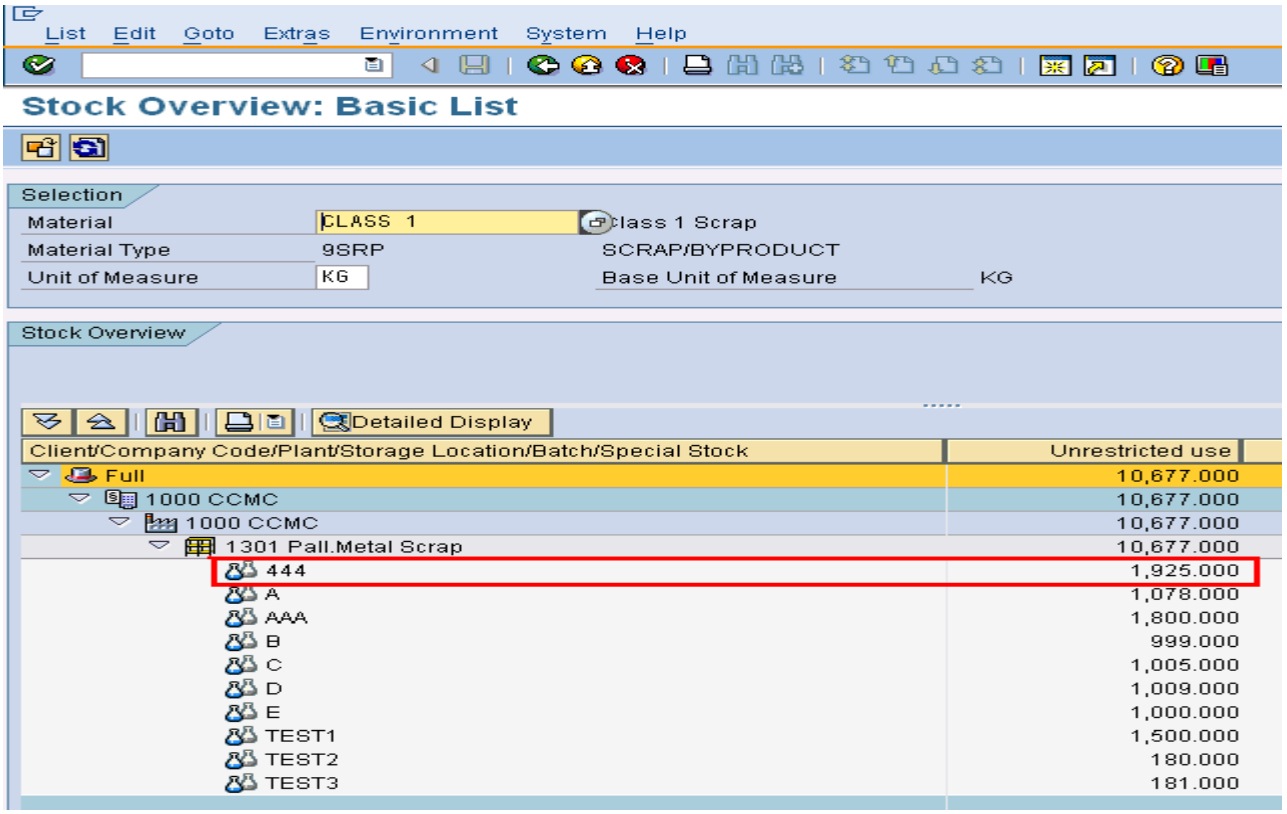
Here you can see the finished goods is having 101 – movement type (for goods receipt) and raw materials is having 261 – movement type (for issue)



Enter the Pallet ticket number in the batch field, and post



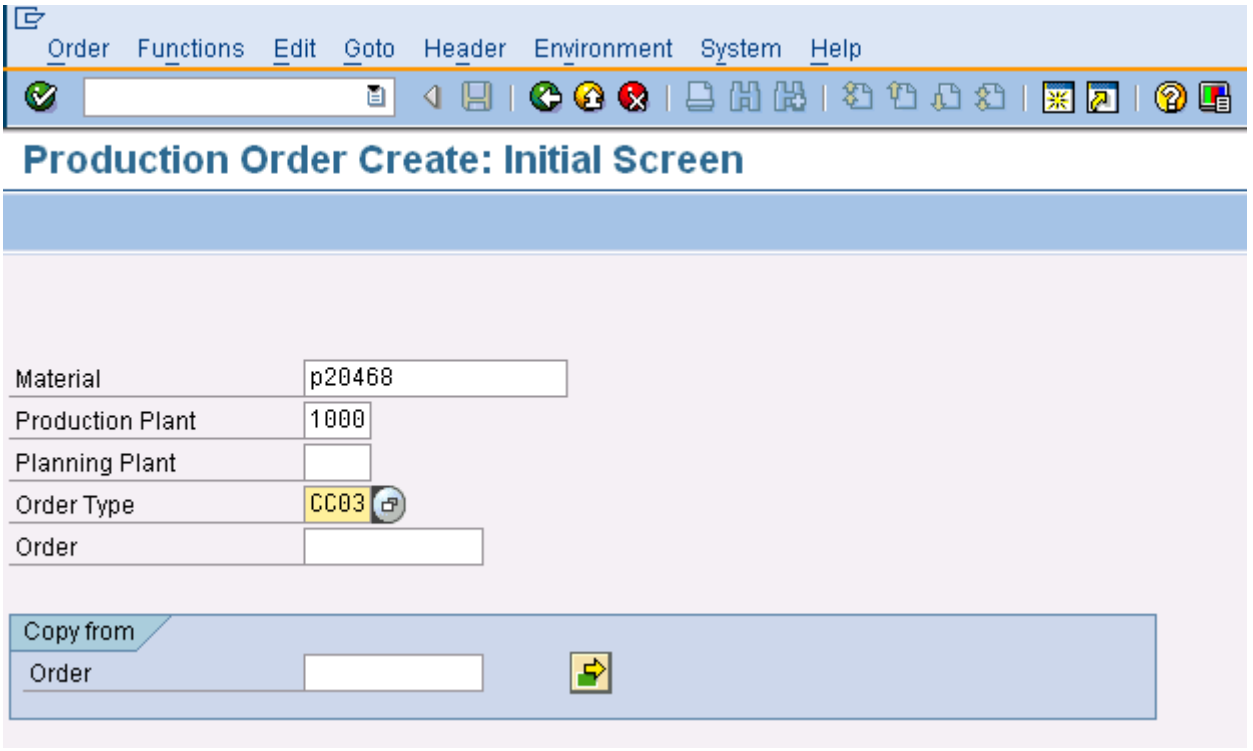
Check the stock from the transaction MMBE.



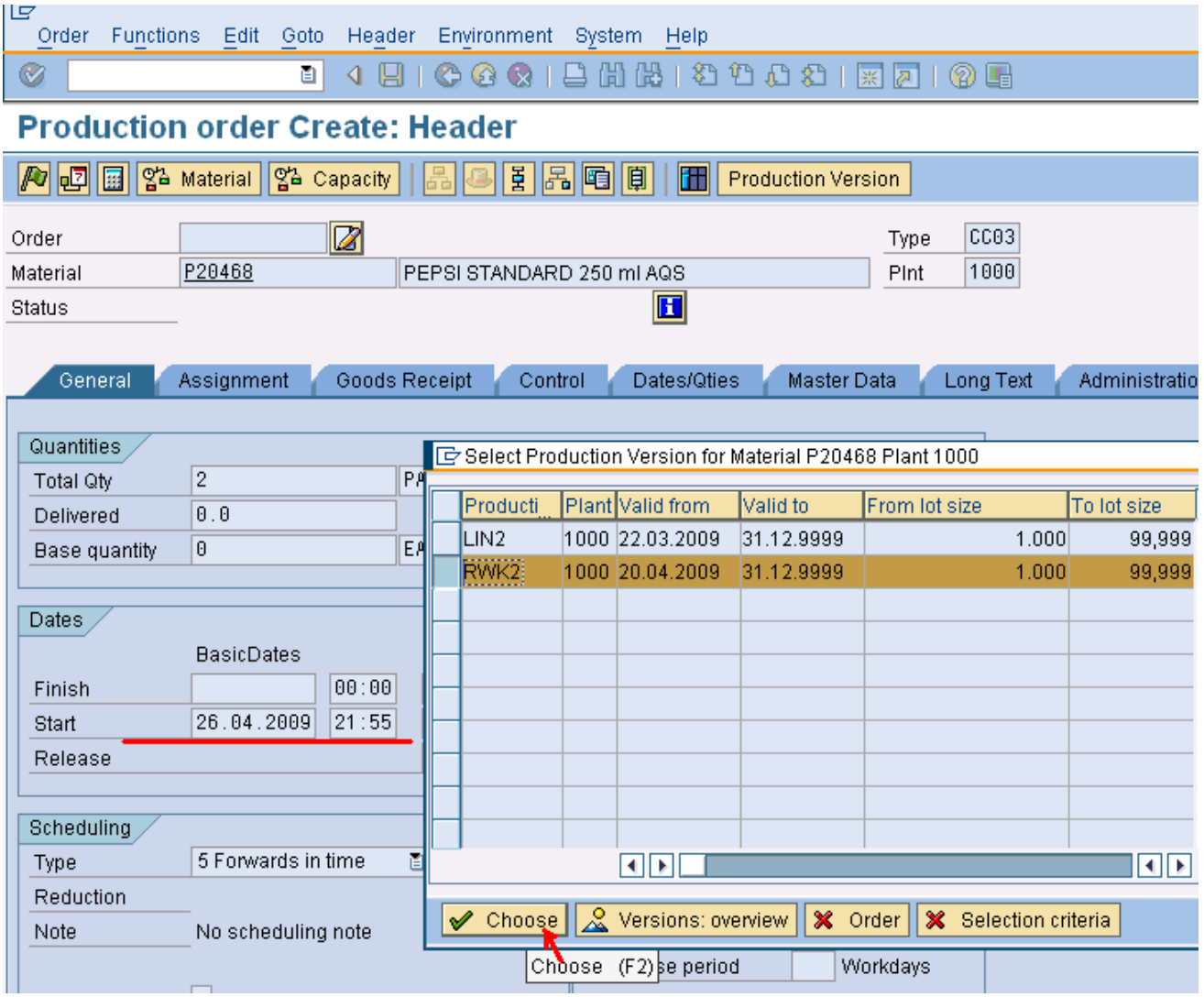
6 Rework Process

6.1 Production Order – Creation

SAP R/3 Menu	*Logistic □ Production □ Shop Floor Control □ Order □ Create □ With material*
Transaction code	CO01

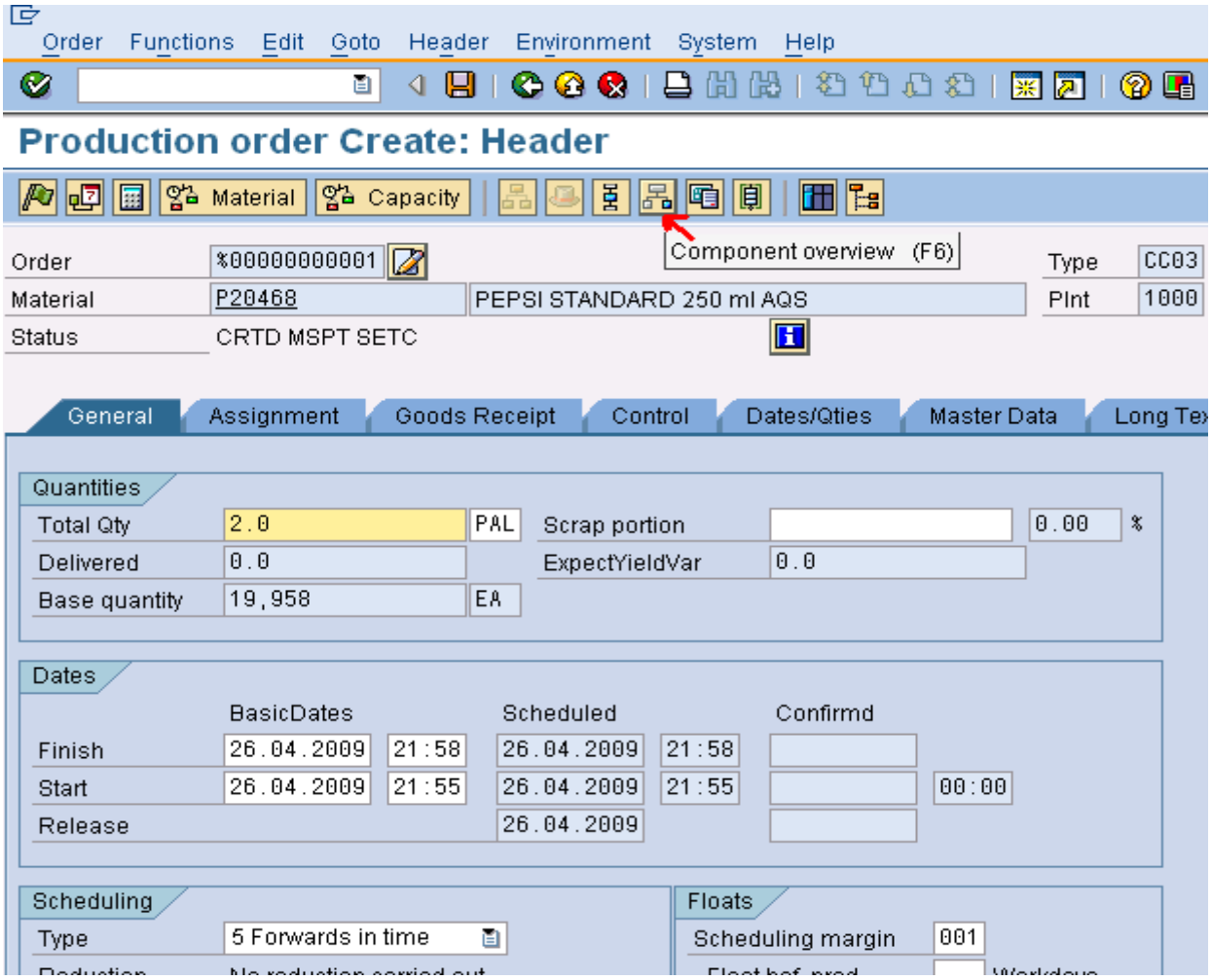


Enter the material which is to be reworked, plant, and the order type CC03 – CCMC Rework Order and press enter.

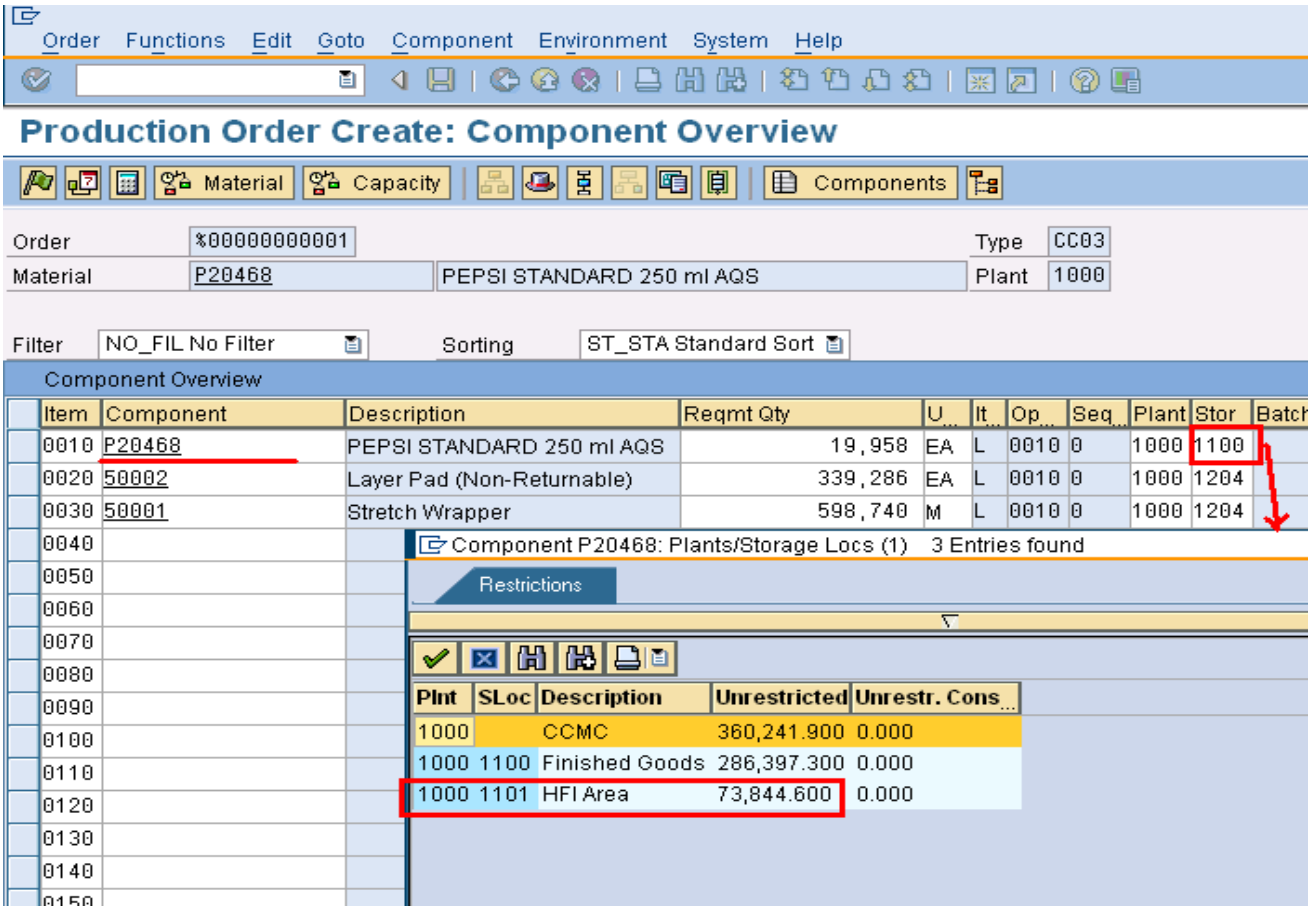


Enter the quantity, start date and time, then press enter.

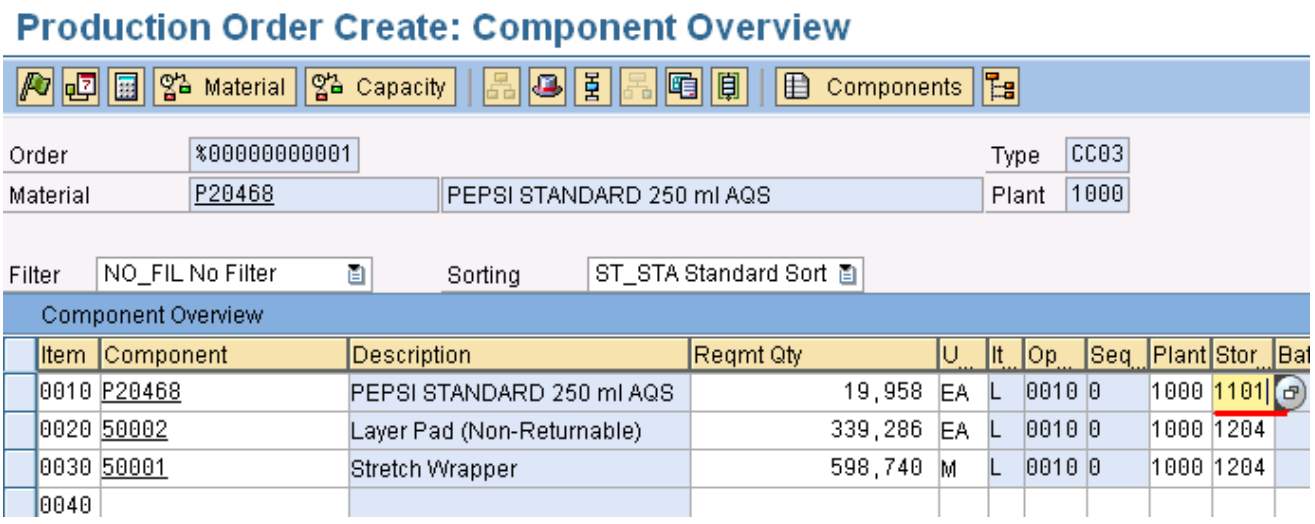
System will ask for the selection of line (production version selection), Select RWK2, since it was reworked in the line 2 and click choose button.



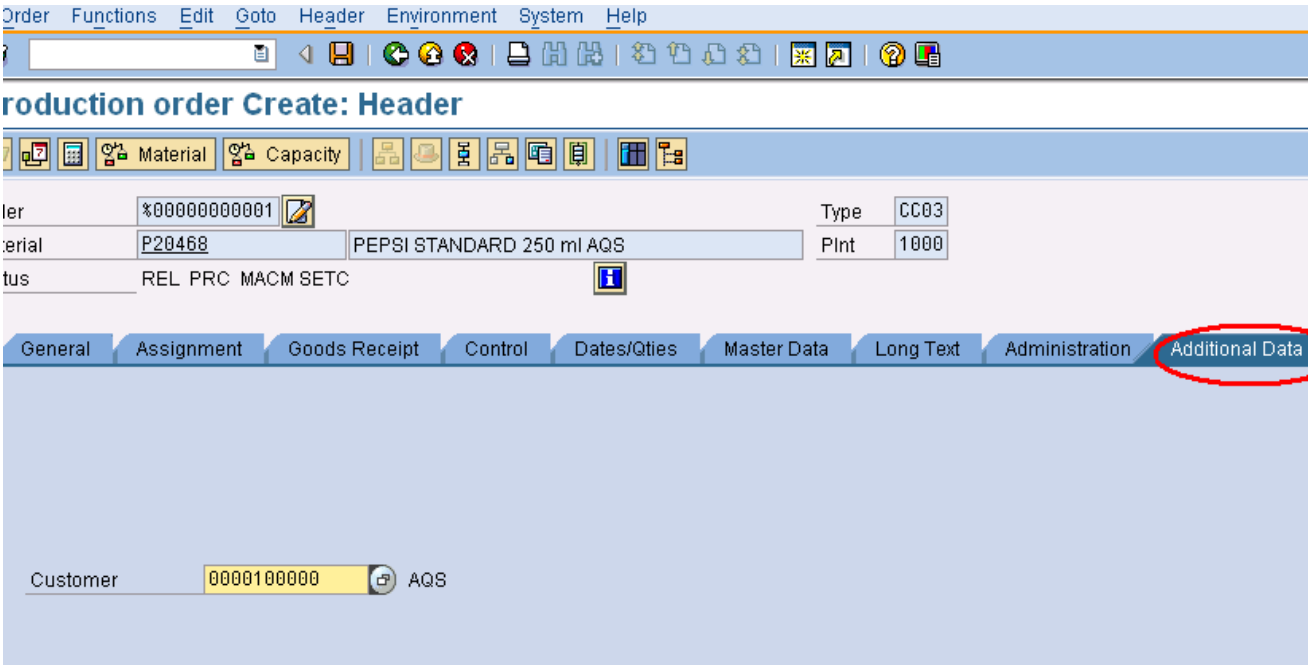
From the tool bar option, click the component overview:



Components list is viewed. In that the default storage location for the finished product which is to be reworked will be as 1100 (finished storage location), from the storage location field right click or press F4 to the select the options. From the options of stock, select the storage location from where the material is to be issued for rework. (Here, from HFI area the materials are taken for rework)

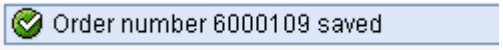


Now it was changed as 1101 – HFI area.



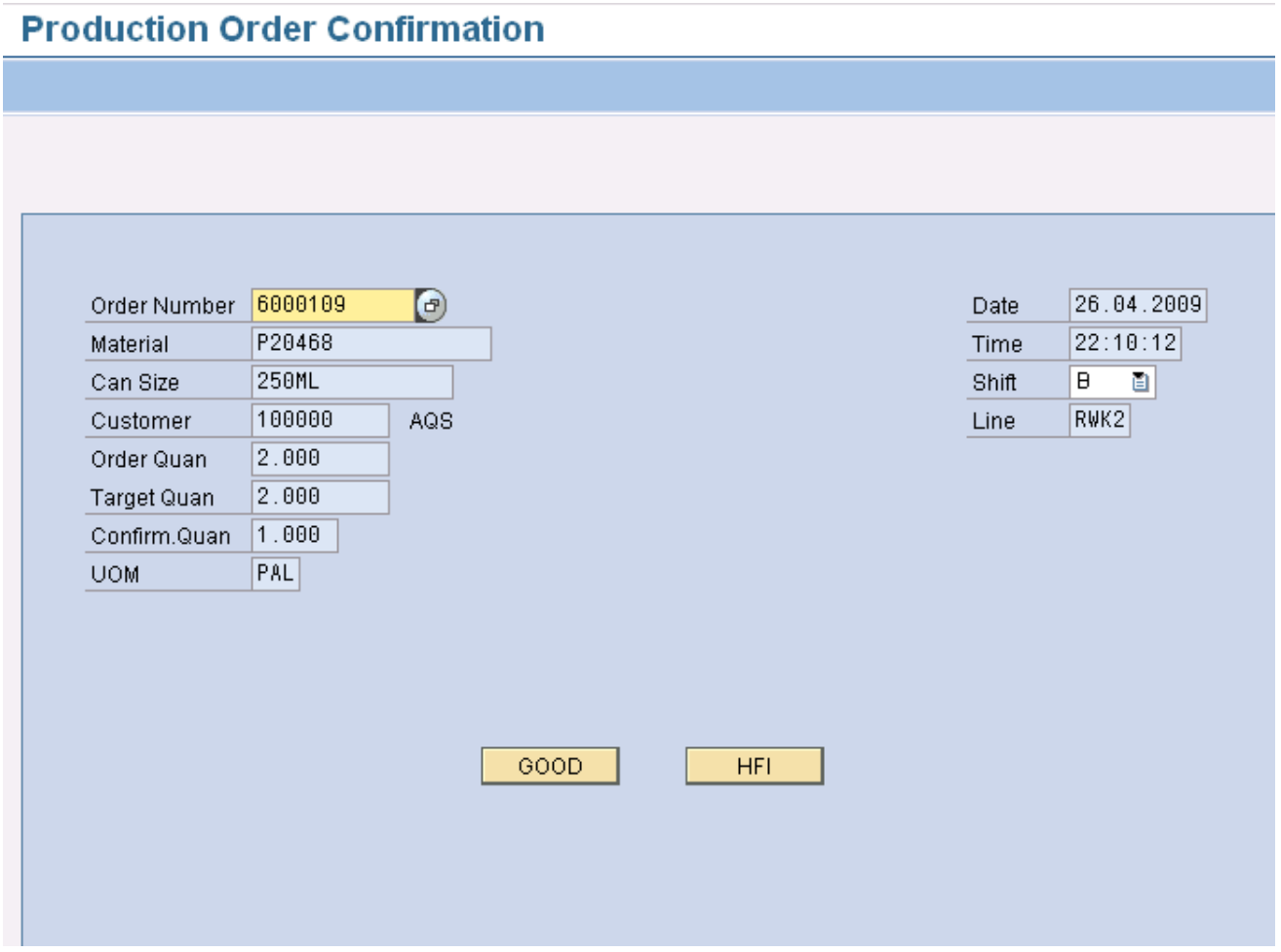
In the additional data tab, enter the Customer number.

Then come back, release the order , and save



6.2 Production Order – Confirmation (Partial - Pallet wise)

SAP R/3 Menu	*Z Transaction*
Transaction code	**ZPCNF**



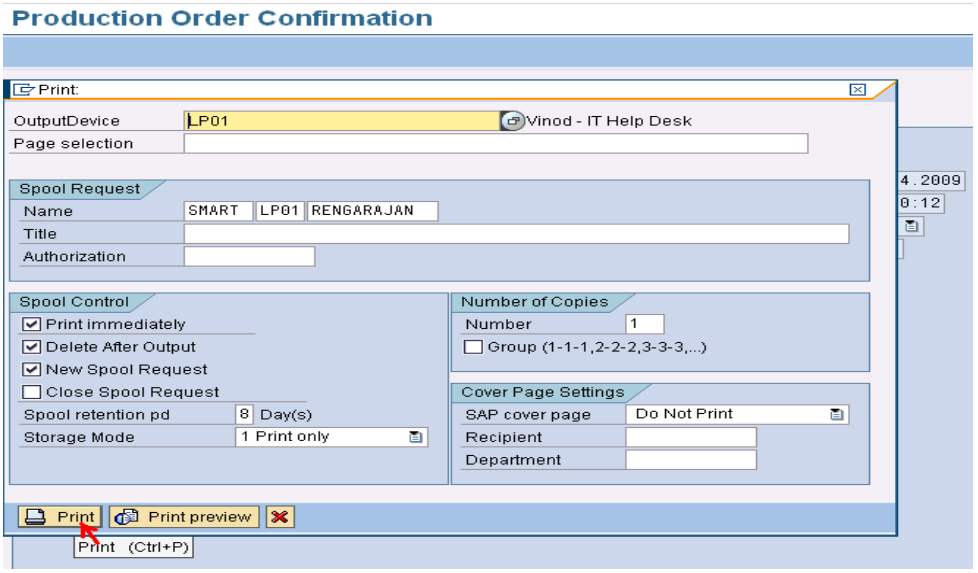
Enter the Production Order number and the shift in which the order should be processed.

You can see the details of the Production order like, Material, Can size, Customer, Order quantity, Target quantity, to be confirmed quantity, Unit of measure, Date, Time and Production line.

And you will have the buttons for Good and HFI. If the pallet is good one, click the good button, it will generate the pallet ticket with bar code and the confirmation is done partially for 1 pallet and posted

in the finished storage location. If HFI button is pressed, it will generate the HFI pallet ticket without barcode and posted in the HFI storage location.

Press good, Pallet ticket will be printed and 1 pallet will be posted finished storage location, creating a material document for the posting in the background.

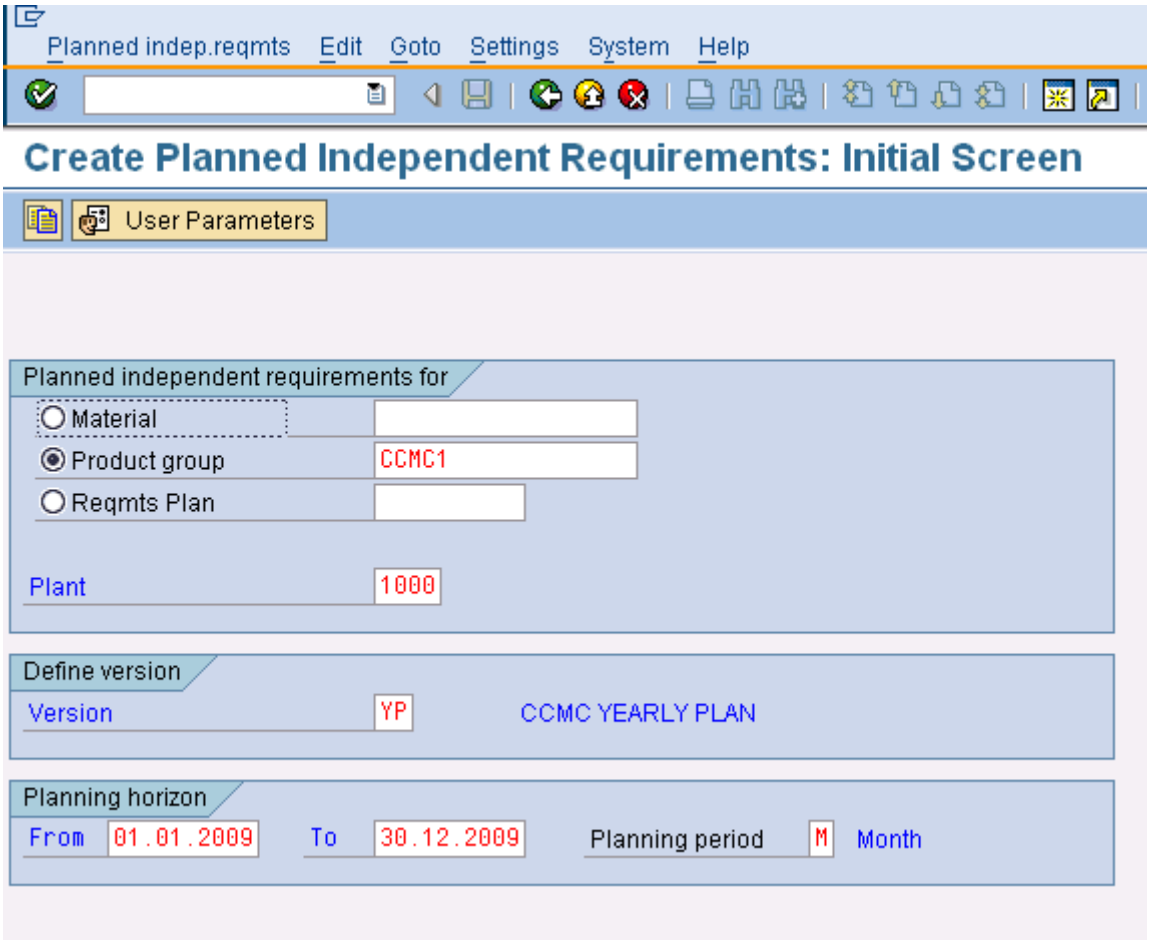


In the next screen, press print. The print out put will be as below:

7 Annual Planning

7.1 Planned Independent Requirements - Creation

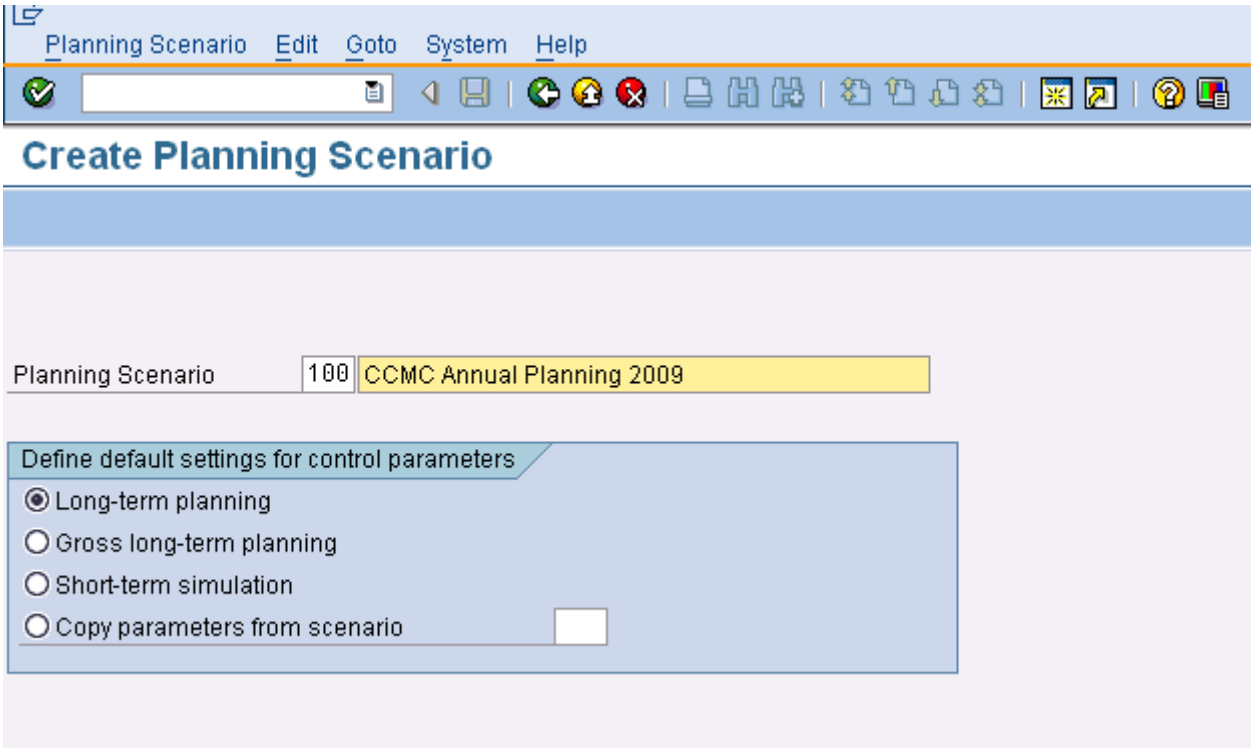
SAP R/3 Menu	*Logistic □ Production □ Production Planning □ Demand Management □ Planned Independent Requirements □ Create*
Transaction code	`MD61`



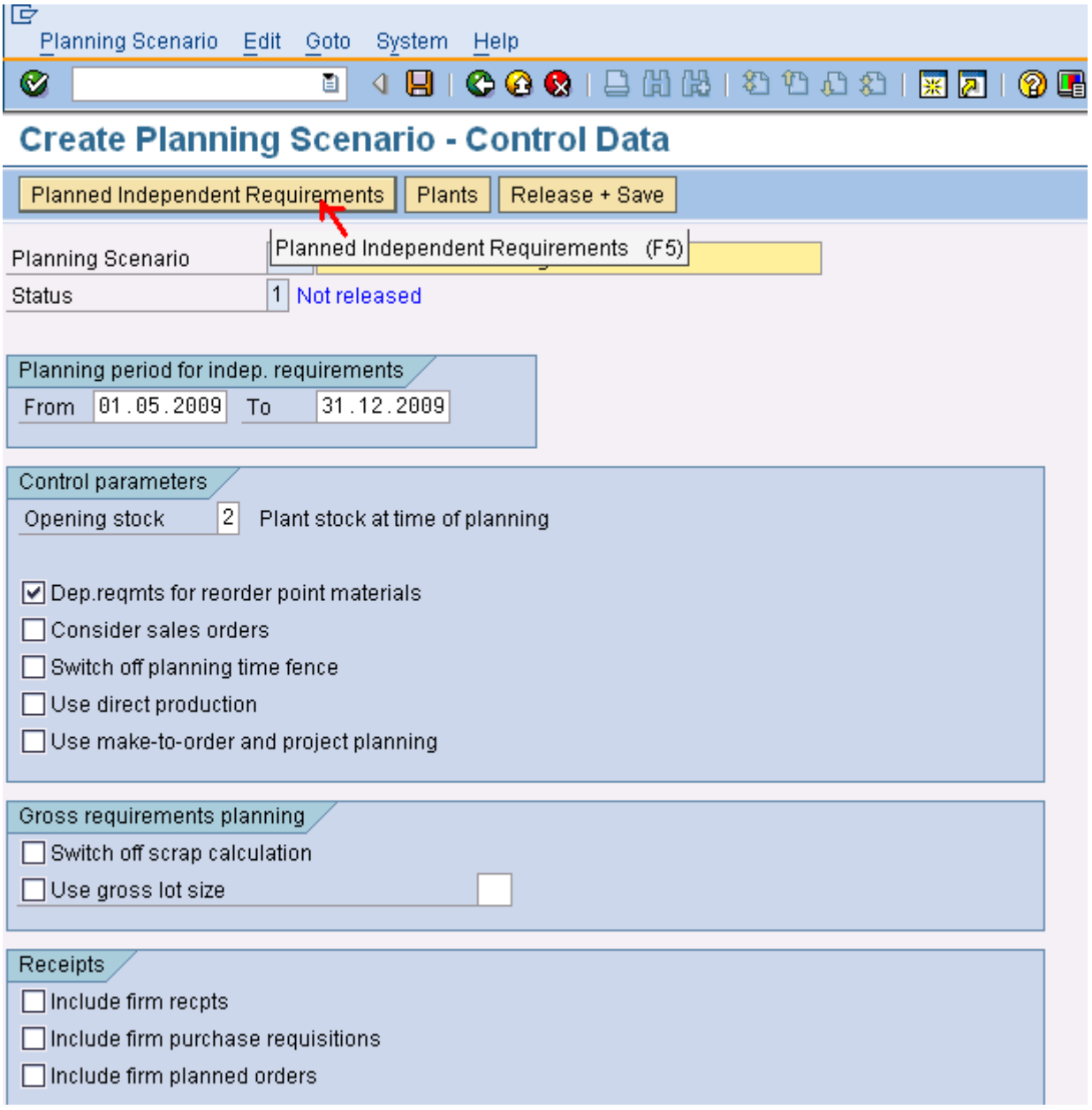
Enter the product group for LTP, Version YP – Year plan, the planning horizon according to the planning and press enter.

7.2 Planning Scenario - Creation

SAP R/3 Menu	*Logistic □ Production □ Production Planning □ Long-Term Planning □ Planning Scenario □ Create*
Transaction code	**MS31**

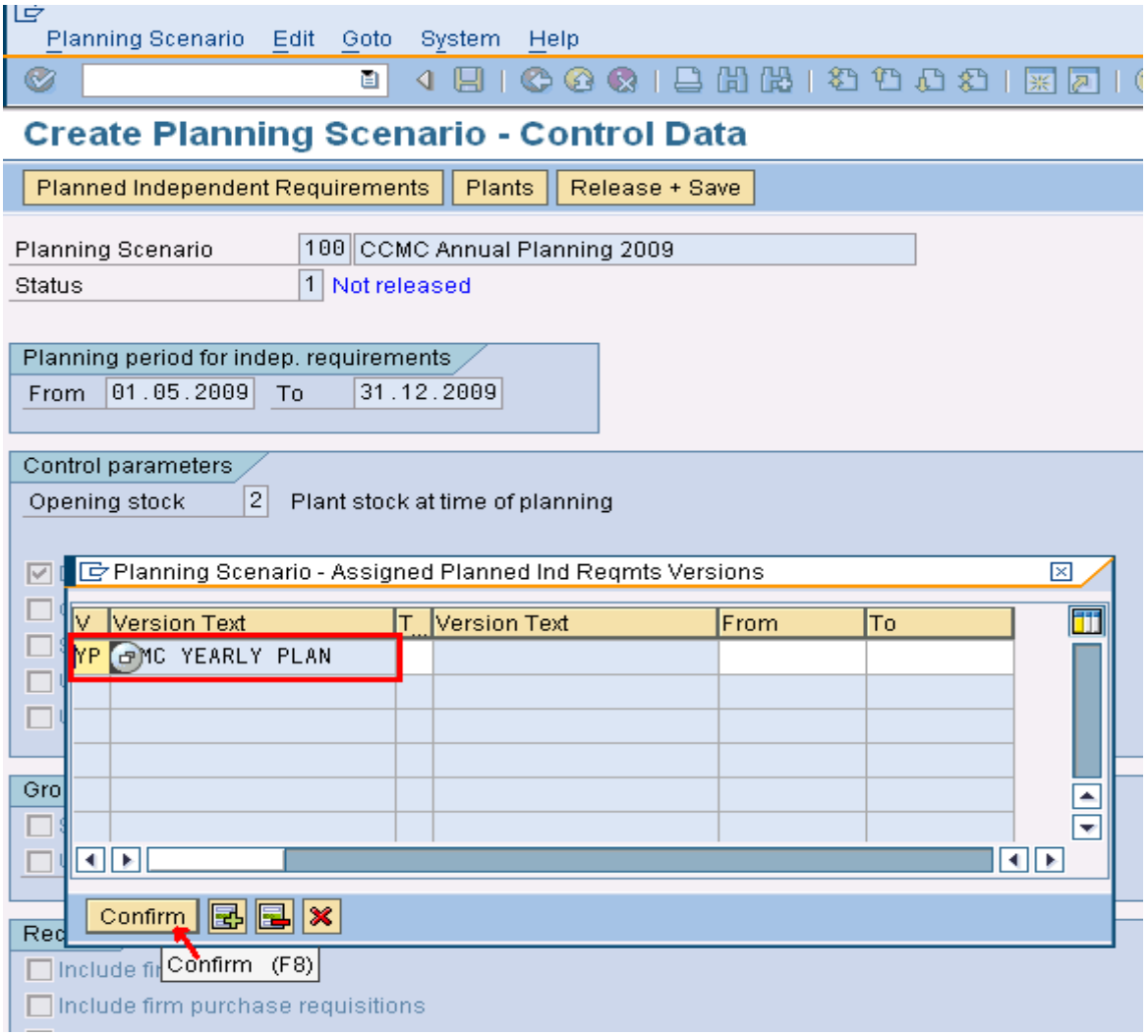


Enter Planning Scenario and description, then press enter



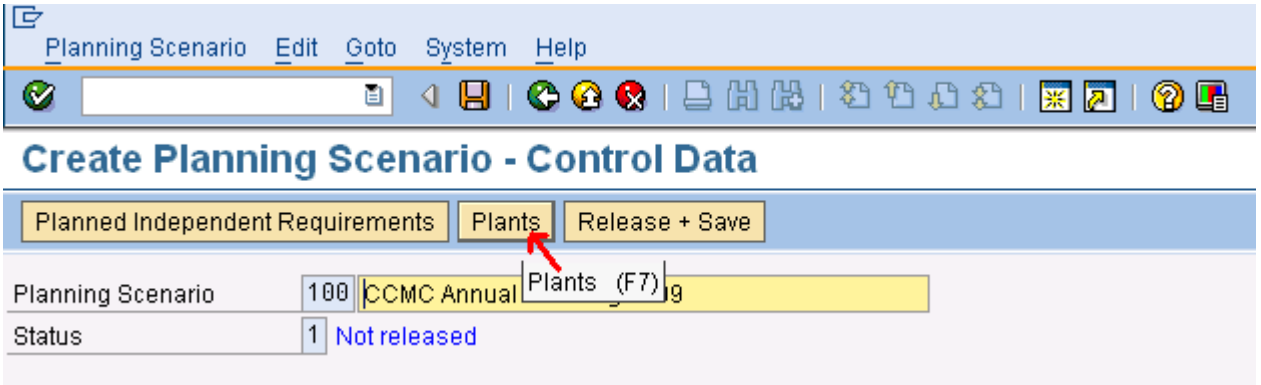
Enter the planning period for independent requirements.
Enter the Opening stock – 2 Plant stock at time of planning

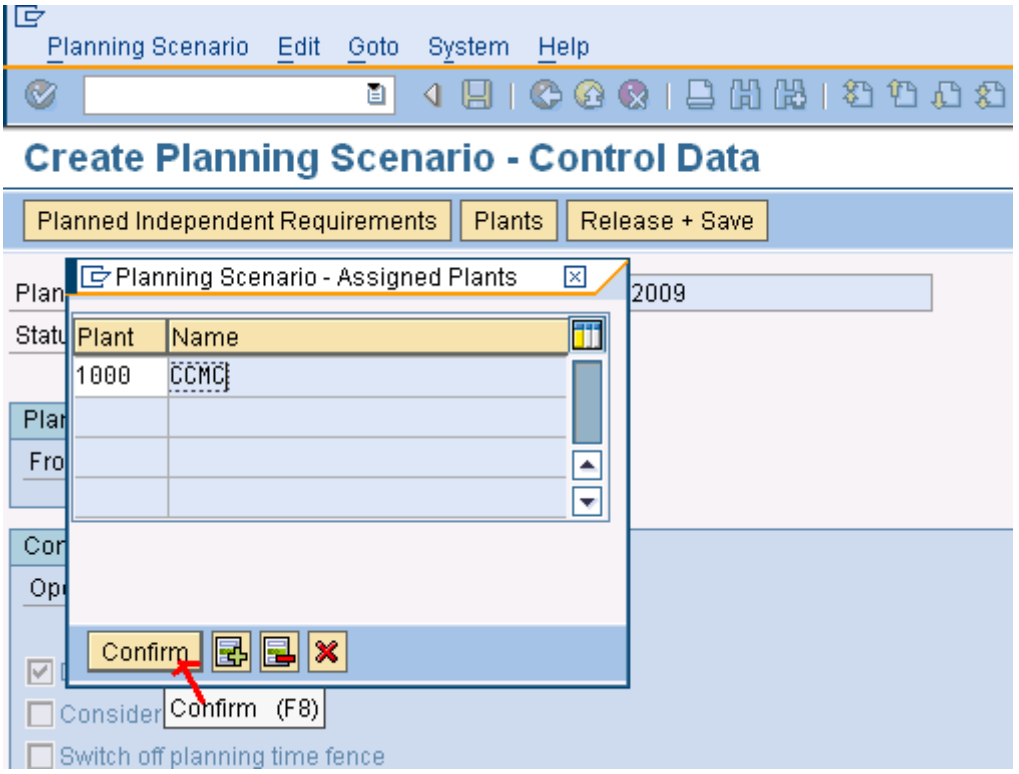
And click Planned Independent requirements tab,



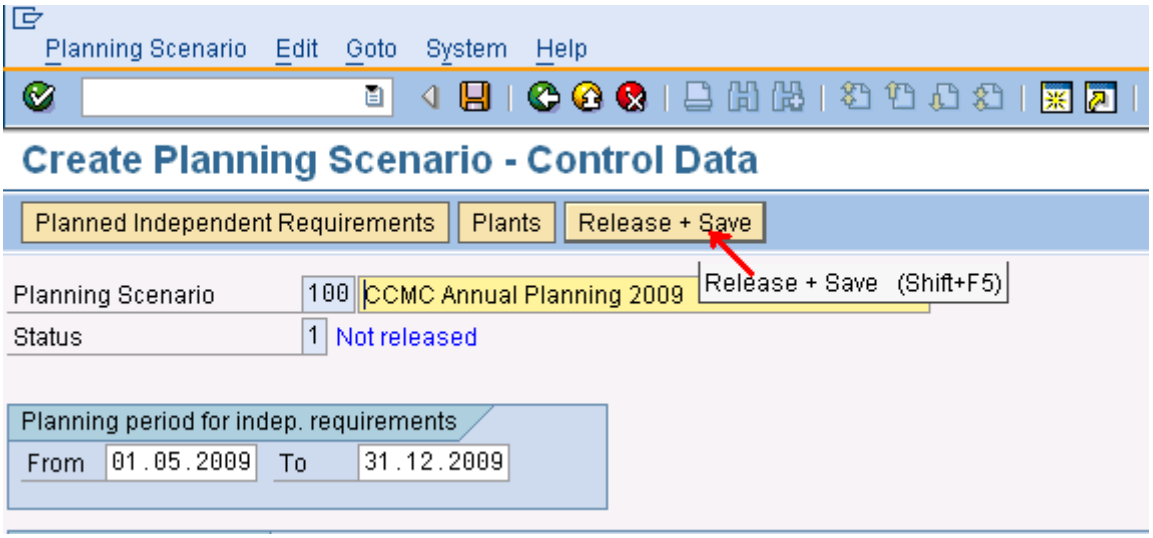
Enter the version YP – CCMC Yearly Plan and confirm

Then click the plant tab,

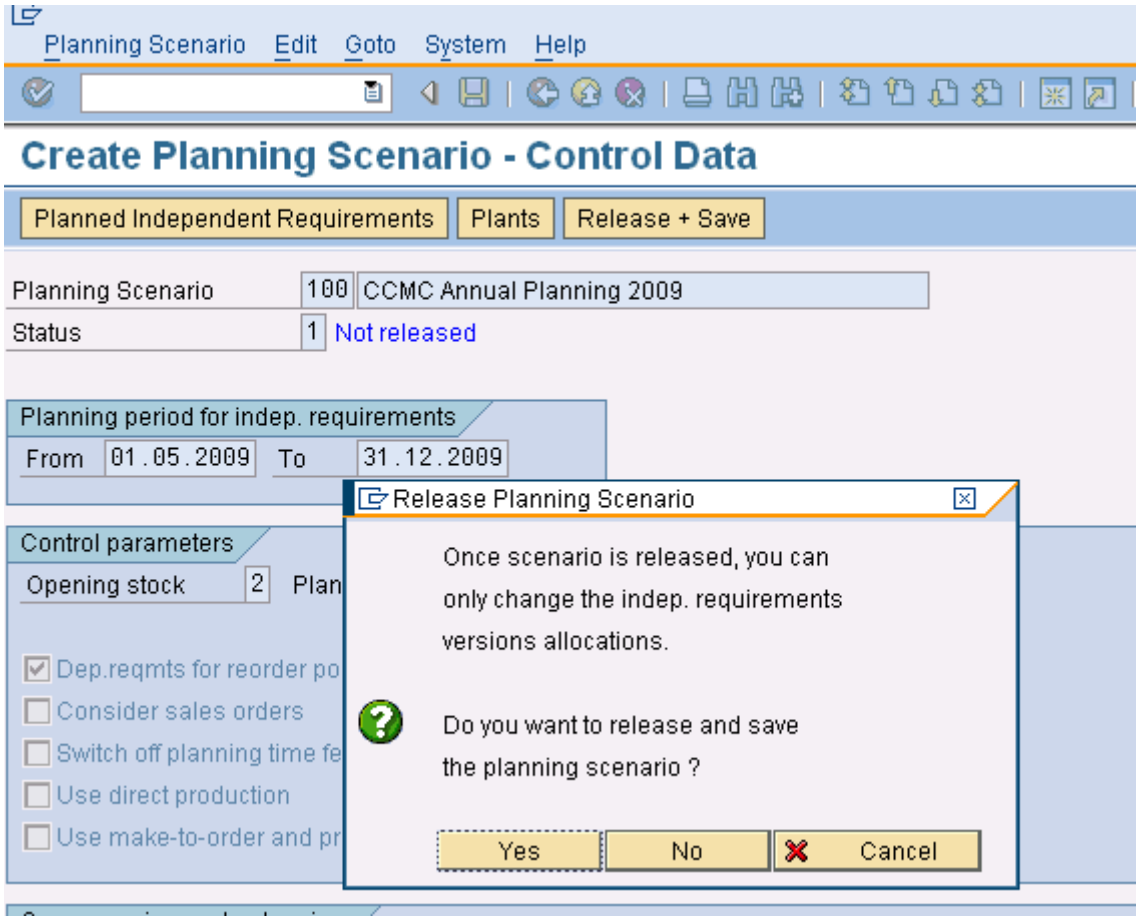


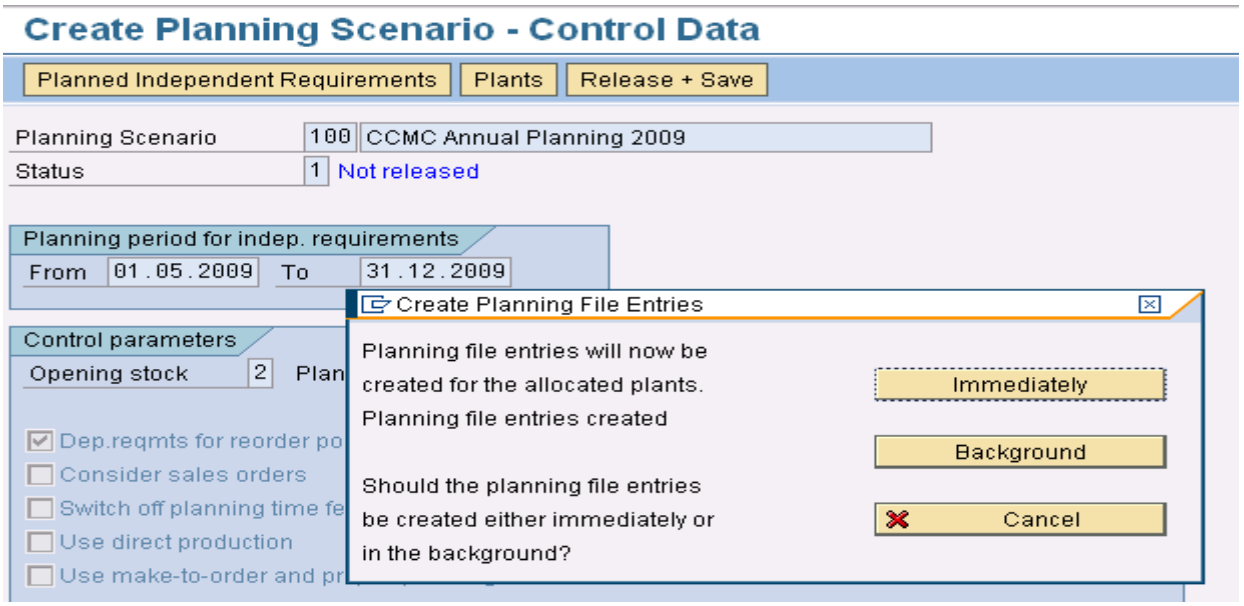


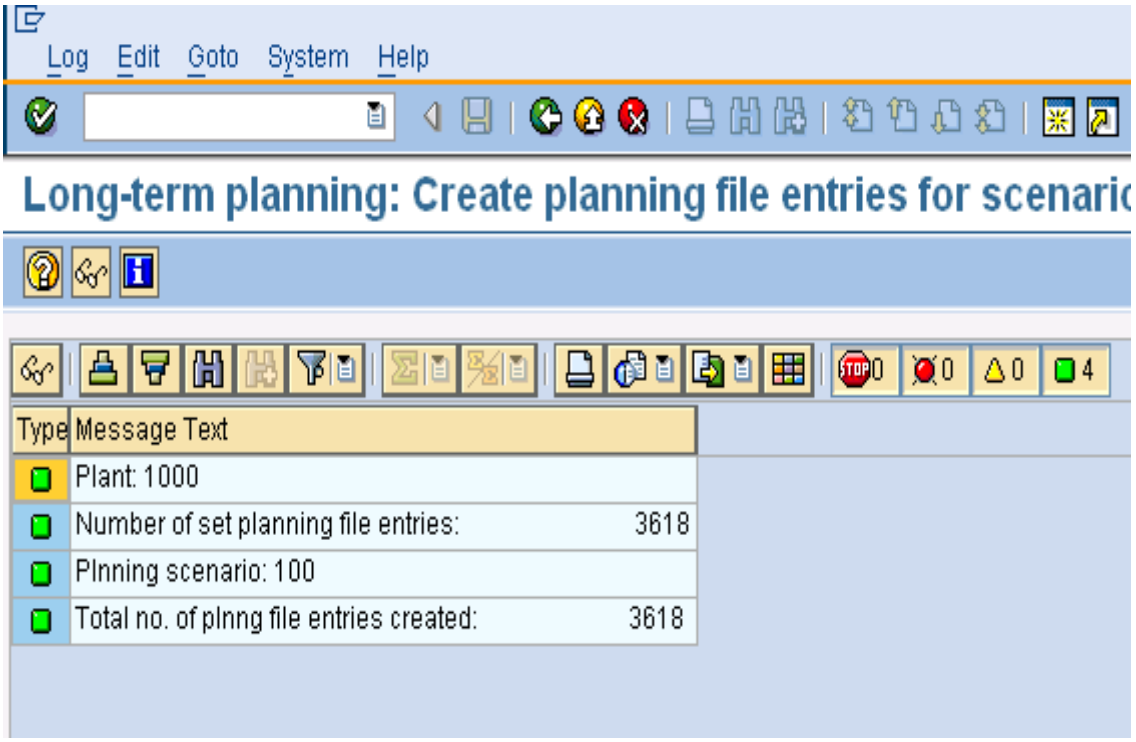
Enter the plant as 1000 and confirm,



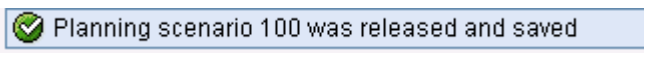
Enter the Release + Save tab
After further confirmations, save


Planning Scenario Edit Goto System Help
Create Planning Scenario - Control Data
Planned Independent Requirements
Plants
Release + Save
Planning Scenario
100
CCMC Annual Planning 2009
Status
1
Not released
Planning period for indep. requirements
From
01.05.2009
To
31.12.2009
Control parameters
Opening stock
2
Dep.reqmts for reorder po
Consider sales orders
Switch off planning time fe
Use direct production
Use make-to-order and pr
Release Planning Scenario
Once scenario is released, you can only change the indep. requirements versions allocations.
Do you want to release and save the planning scenario ?
Yes
No
Cancel



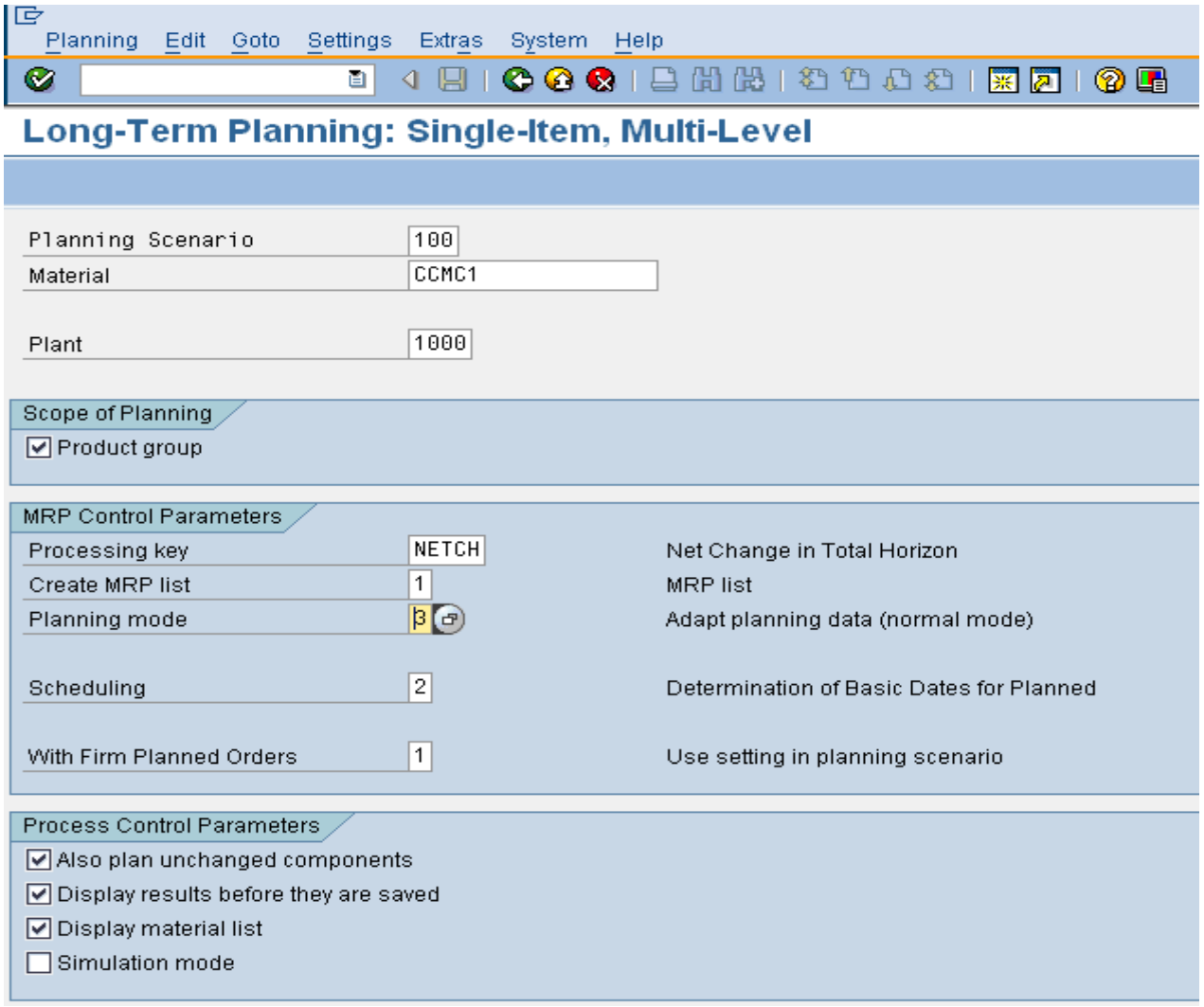


Planning Scenario 100 is saved and Planning file entries are created.



7.3 LTP Run – Single Item, Multi Level

SAP R/3 Menu	*Logistic □ Production □ Production Planning □ Long-Term Planning □ Long-Term Planning □ Single Item, Multi-Level*
Transaction code	**MS02**



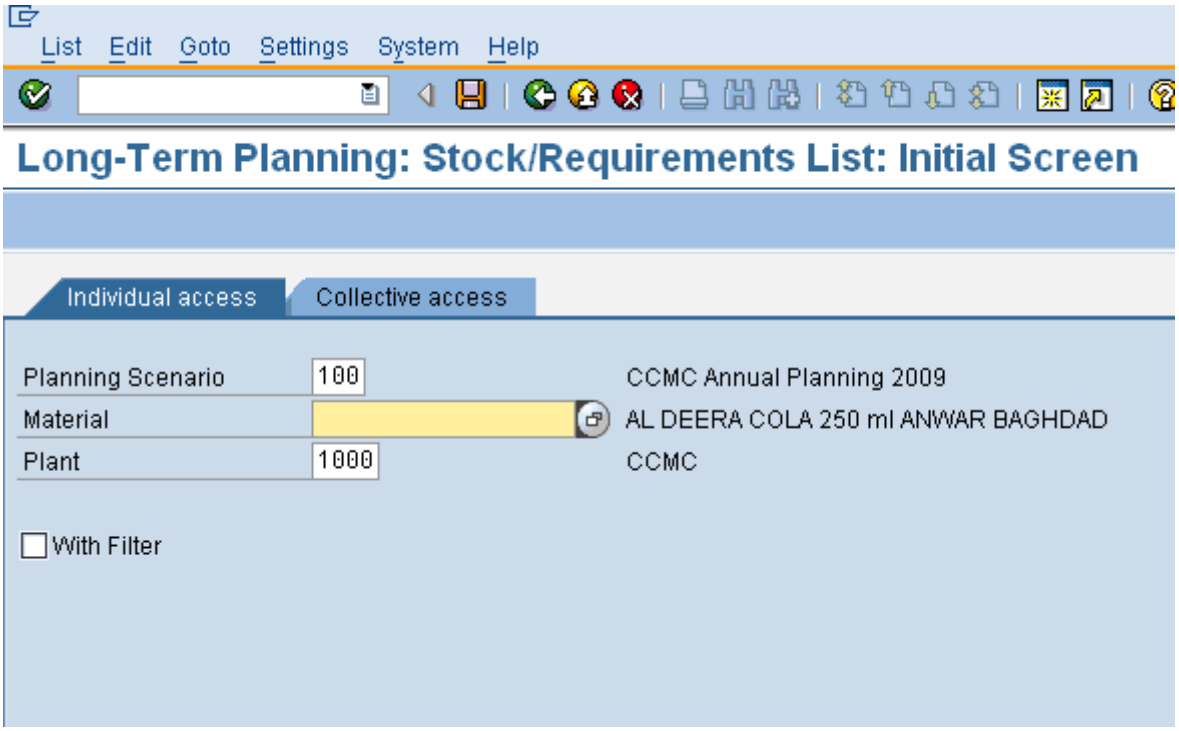
Enter the Planning scenario - 100
Enter the Product group which is to be planned
Tick the Product group box in scope of planning

And enter the MRP control parameters as above and press enter.

Check all the input parameters and press enter. LTP run saved.

7.4 LTP Run – Stock/Requirements List

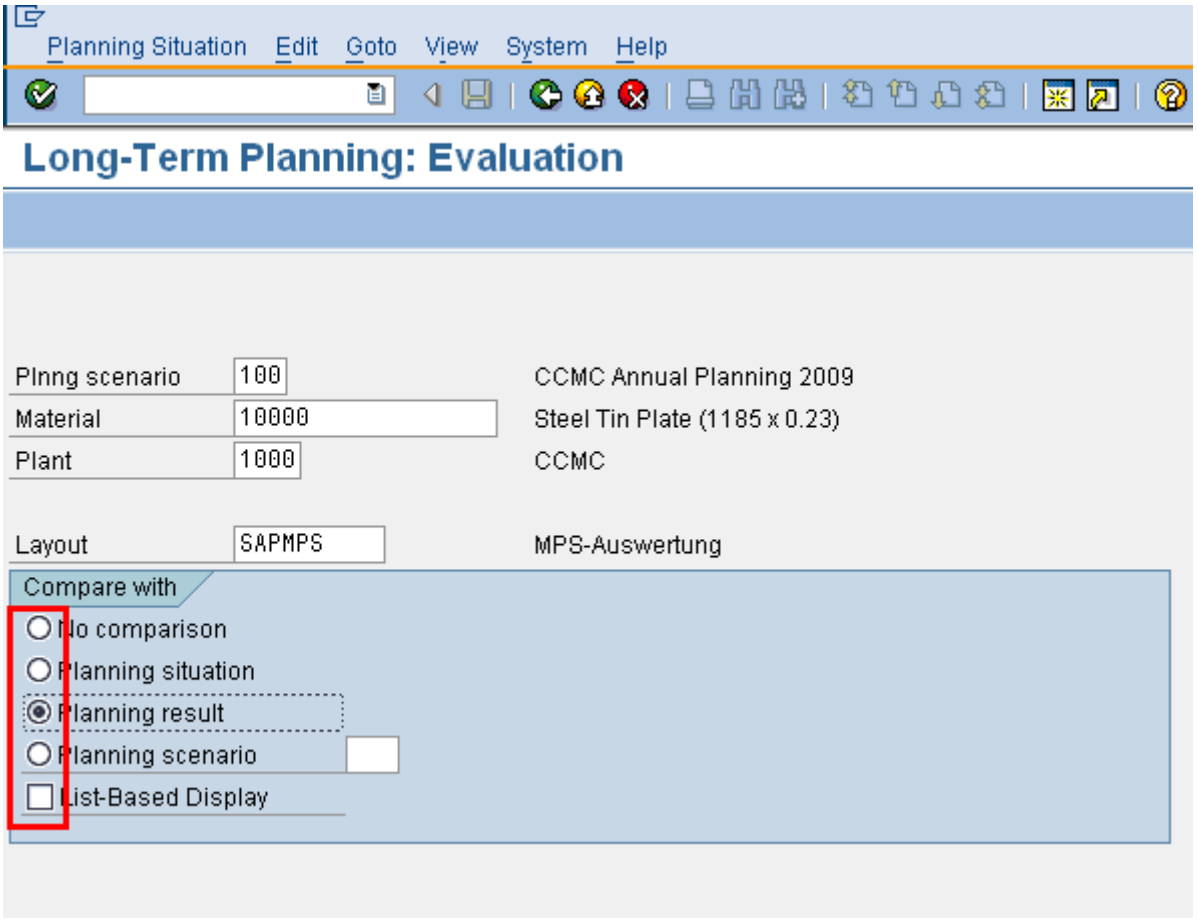
SAP R/3 Menu	*Logistic □ Production □ Production Planning □ Long-Term Planning □ Evaluations □ Stock/Requirements List*
Transaction code	**MS04**



Enter the Material and press enter.

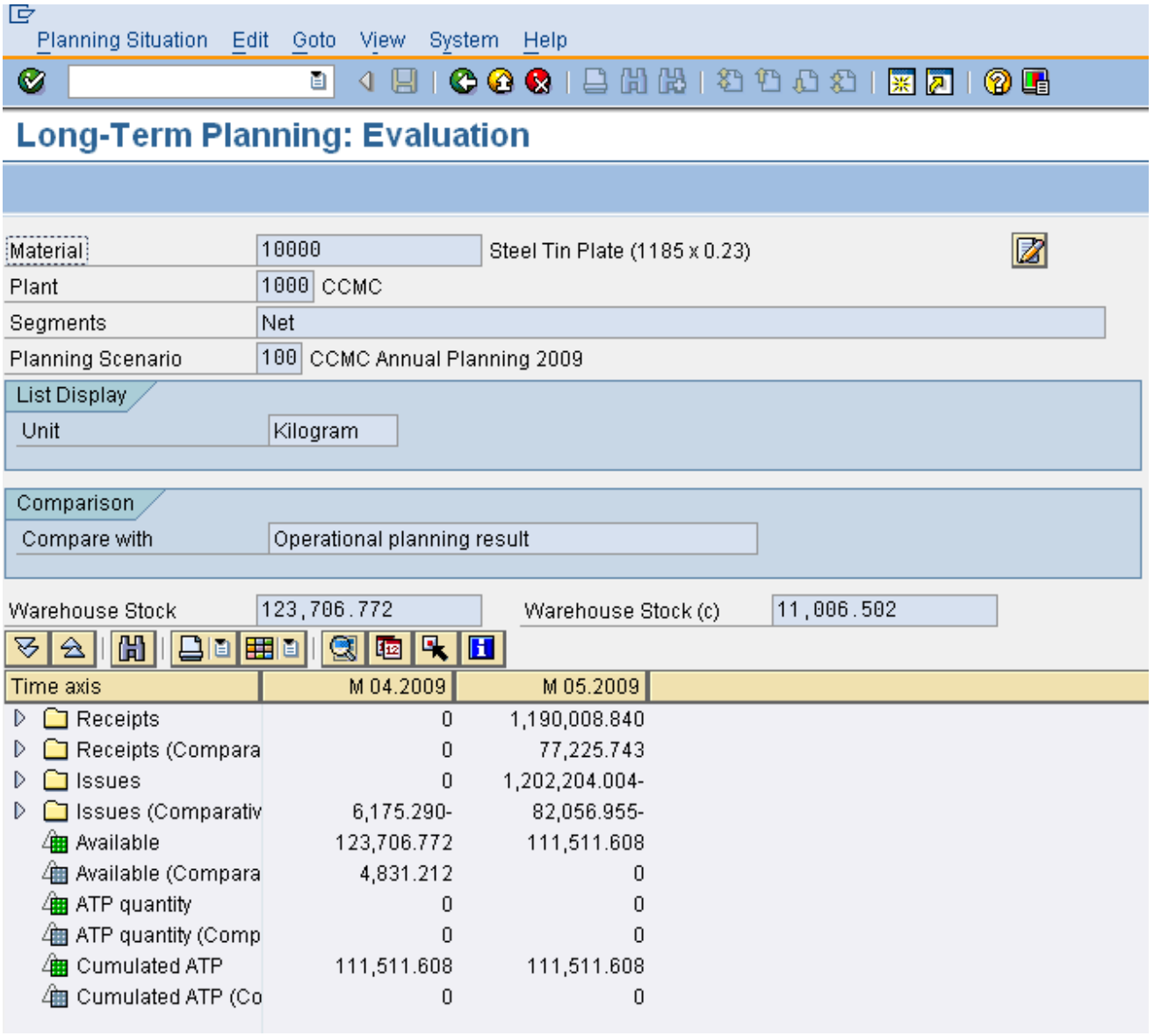
7.5 Planning Situation Material

SAP R/3 Menu	*Logistic □ Production □ Production Planning □ Long-Term Planning □ Evaluations □ Planning Situation Material*
Transaction code	**MS44**



Enter the planning scenario - 100
Material - raw material
Layout as above.

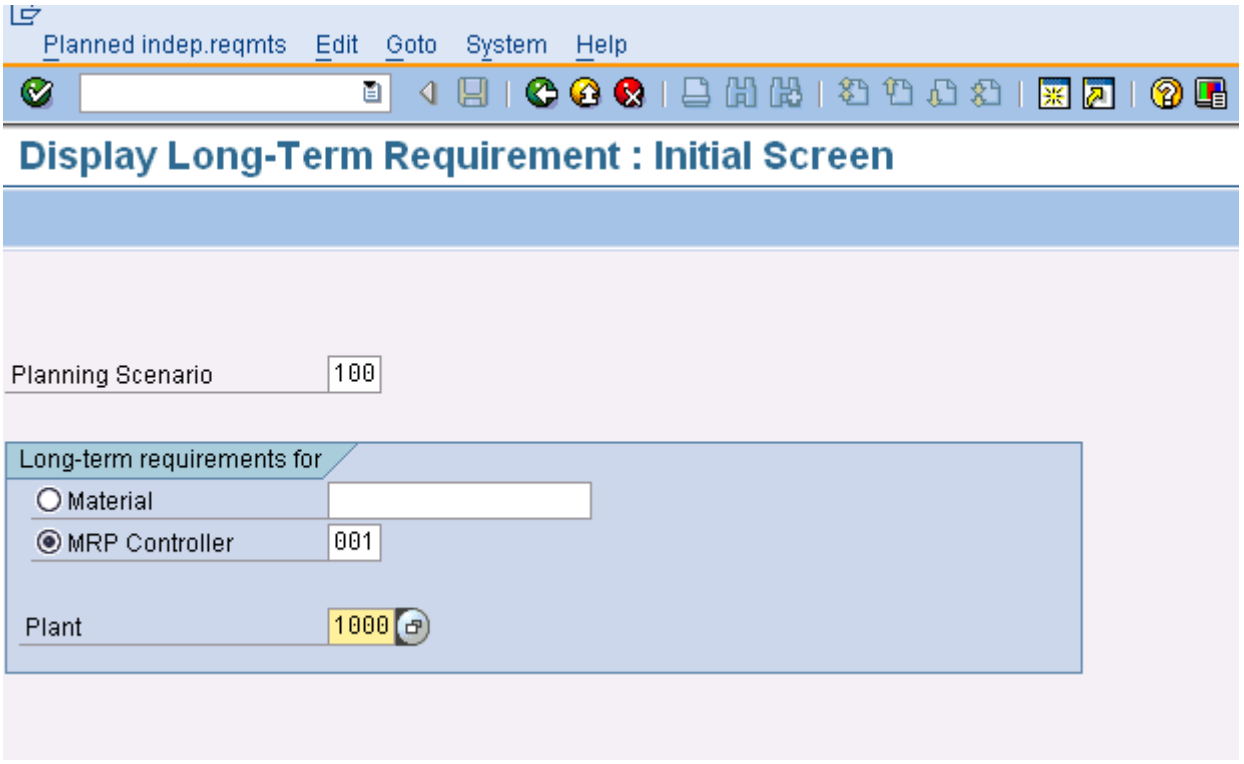
Select the options according to the requirement as shown and press enter.



You can analyze, by comparing with operation planning.

7.6 Long-Term Requirement - Display

SAP R/3 Menu	*Logistic □ Production □ Production Planning □ Long-Term Planning □ Planned Independent Requirements □ Requirements for Planning Scenario*
Transaction code	**MS65**

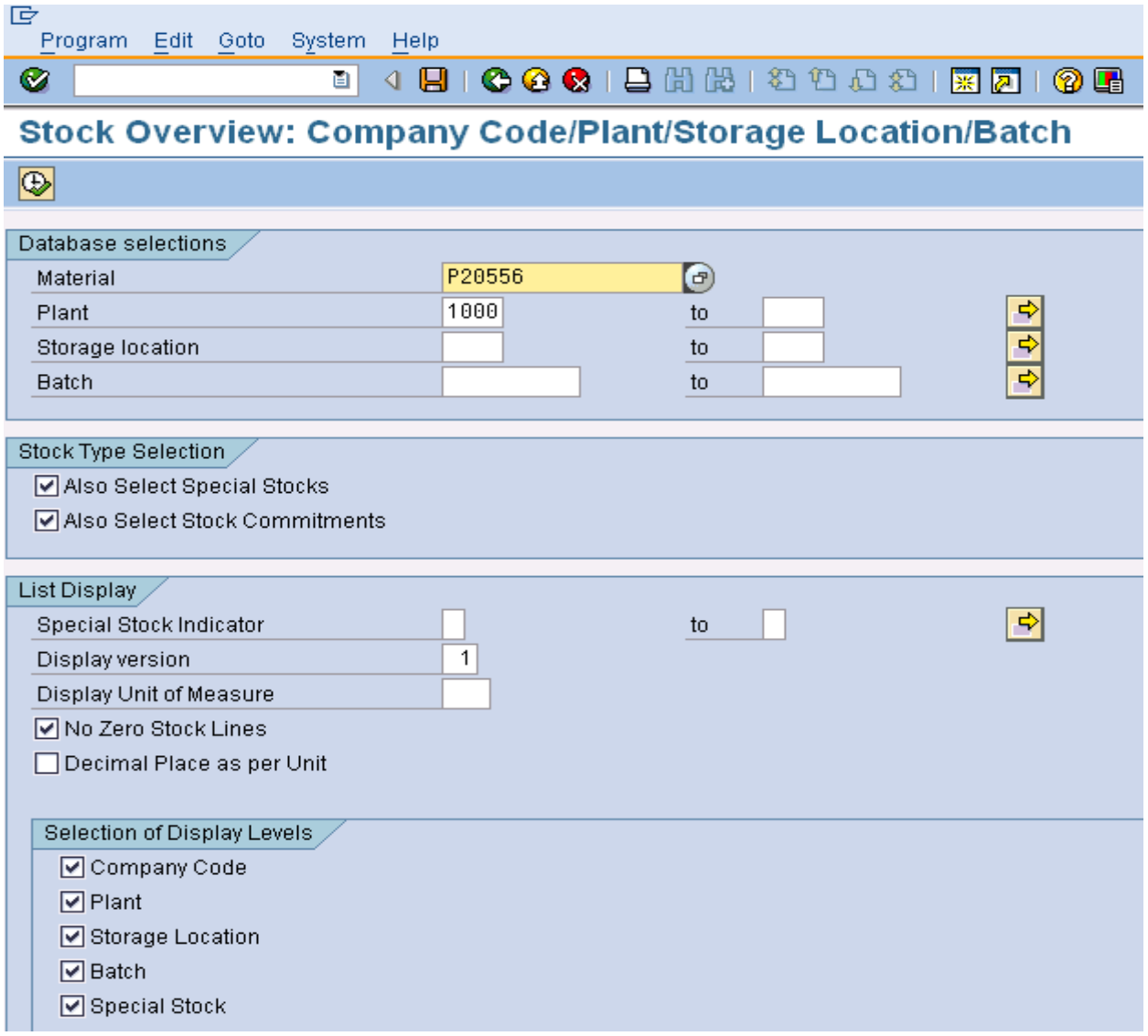


Enter the Planning Scenario as 100 and the other selection options as 001 – MRP Controller and Plant as 1000. Then press enter, you can display the plan for the planning scenario.

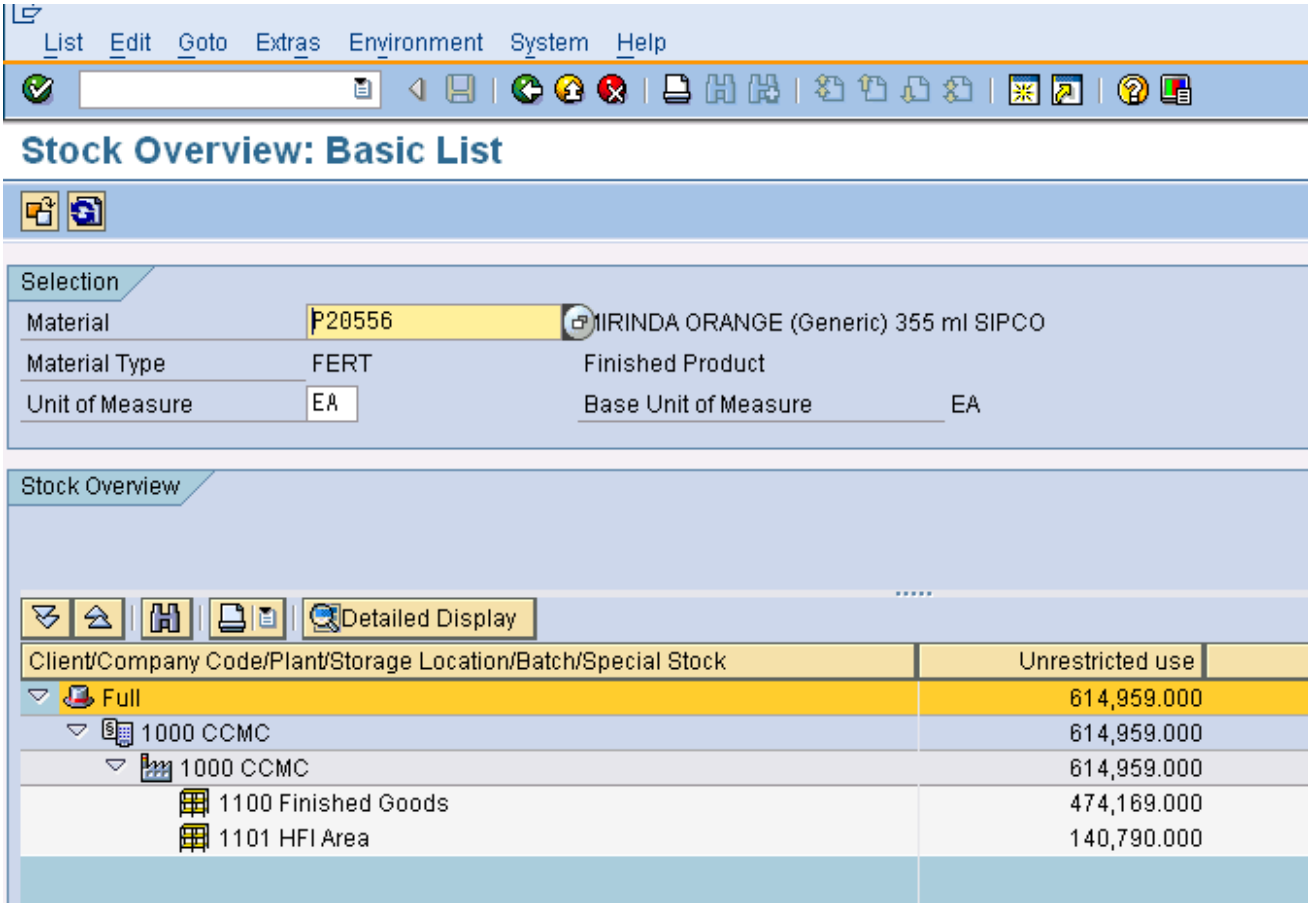
8 Reports

8.1 Stock Overview

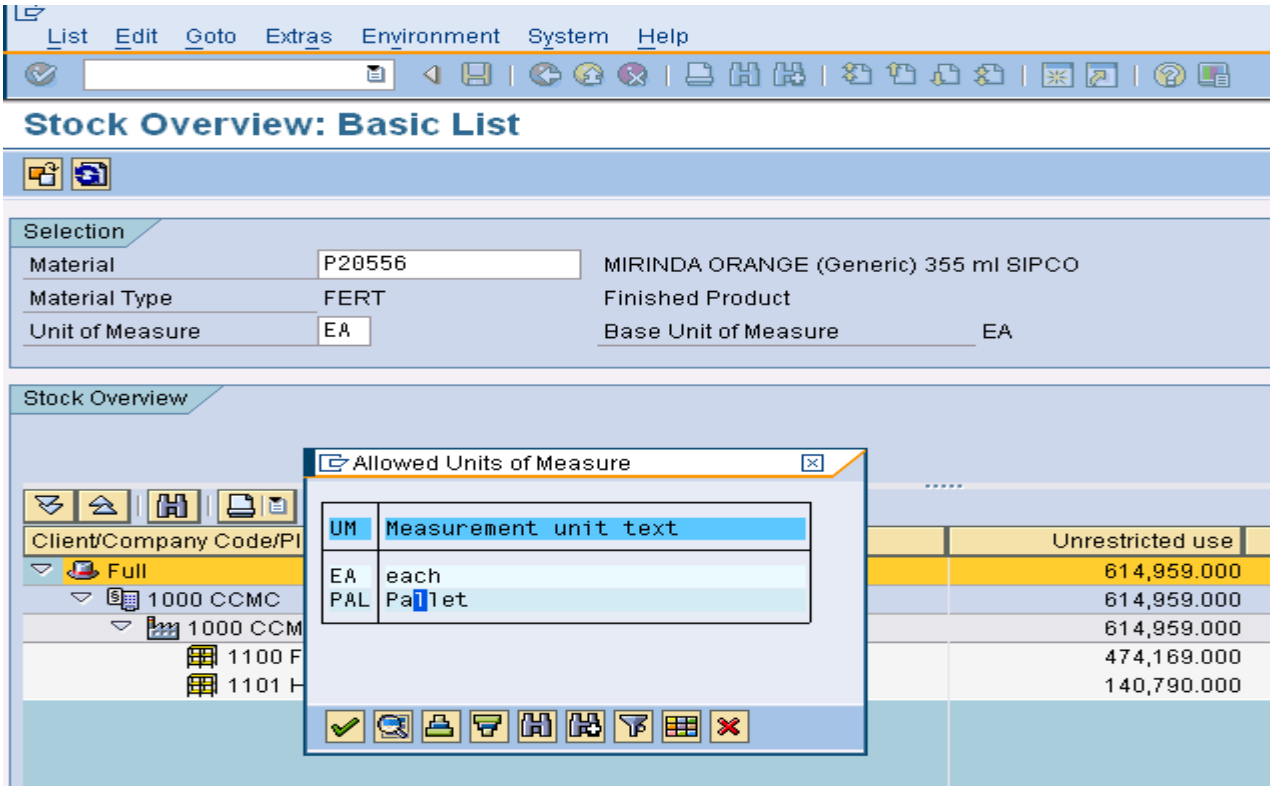
SAP R/3 Menu	*Logistic □ Production □ Shop Floor Control □ Information System □ Stock Overview*
Transaction code	**MMBE**
Variant Selection (If applicable)	NA


Program Edit Goto System Help
Stock Overview: Company Code/Plant/Storage Location/Batch
Database selections
Material P20556
Plant 1000 to
Storage location to
Batch to
Stock Type Selection
Also Select Special Stocks
Also Select Stock Commitments
List Display
Special Stock Indicator to
Display version 1
Display Unit of Measure
No Zero Stock Lines
Decimal Place as per Unit
Selection of Display Levels
Company Code
Plant
Storage Location
Batch
Special Stock

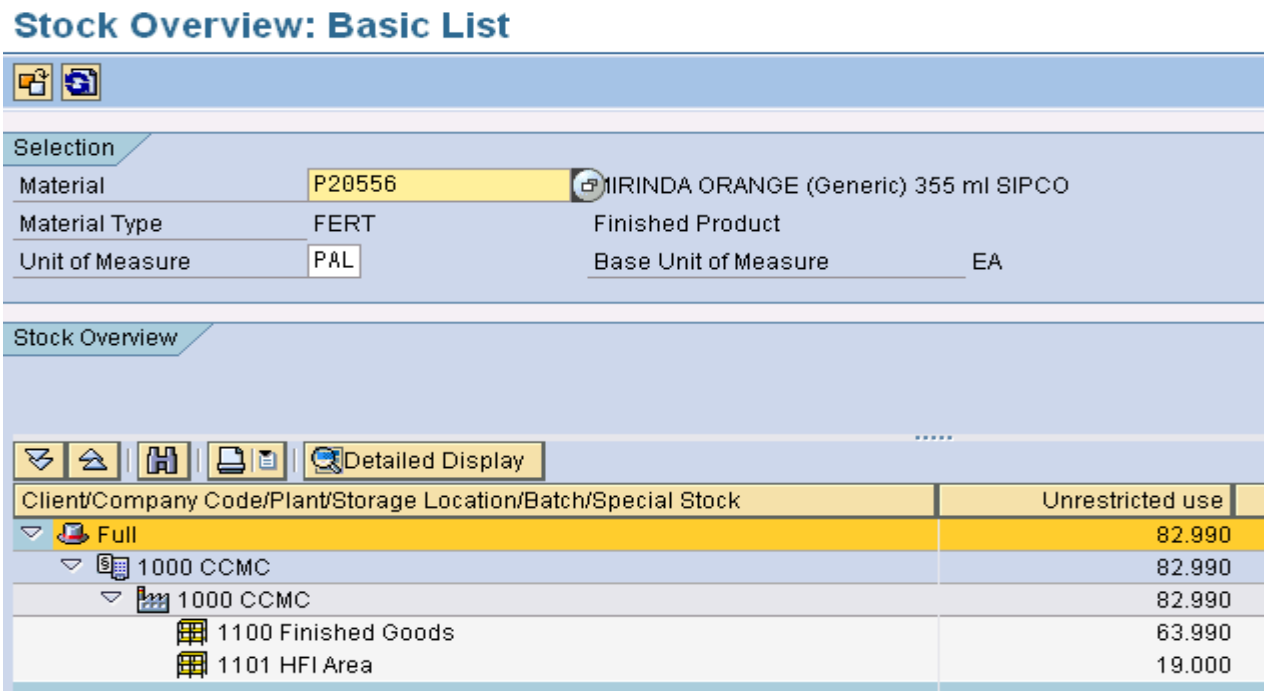
Enter the Material and plant for which the stock has to be checked. Then execute



In this screen, you can see the stocks of the particular material with storage location.

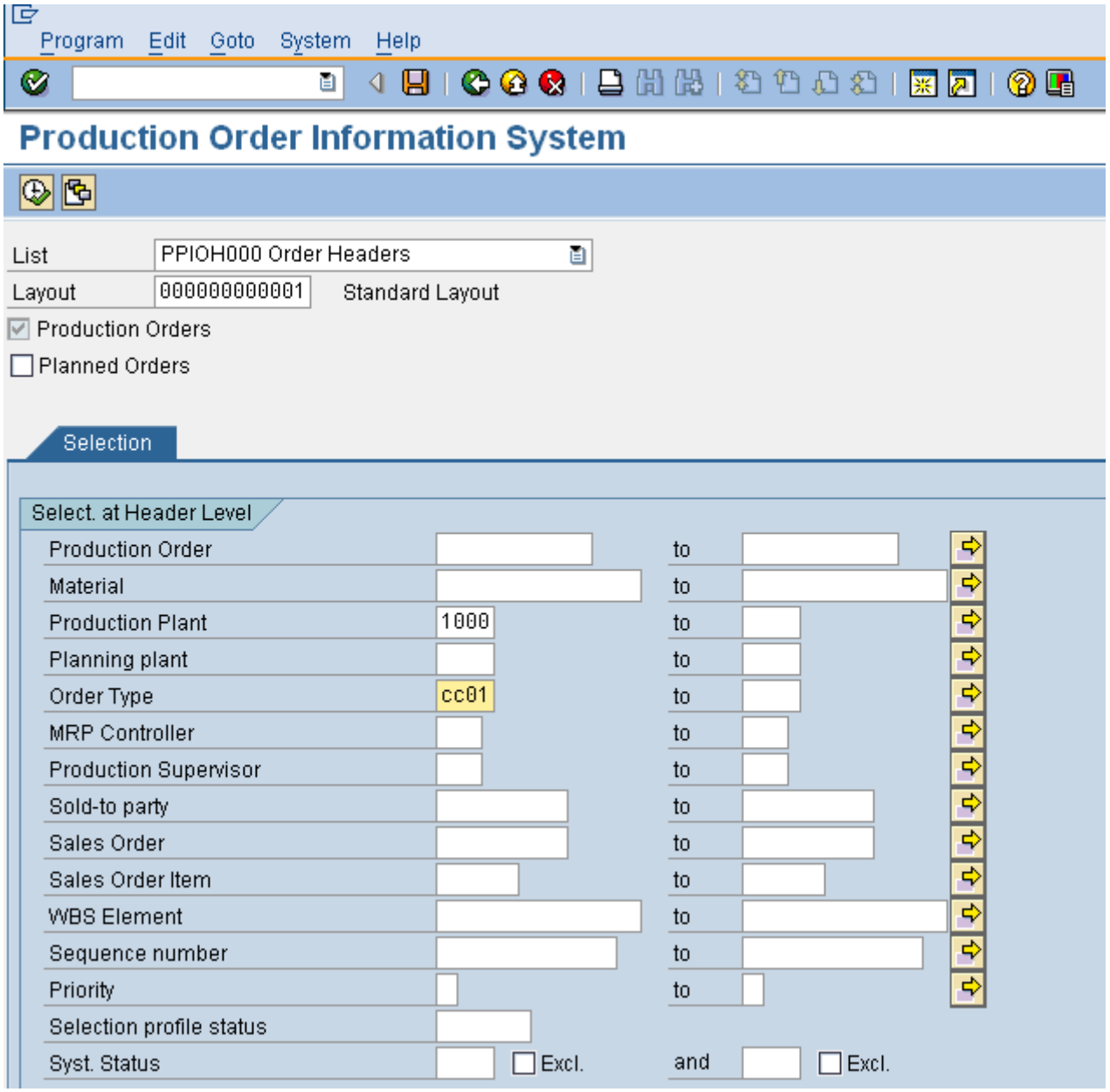


You can change the unit of measure to pallet to see the stock in pallets. To do this, from the unit of measure you select the other unit pallet and press enter.



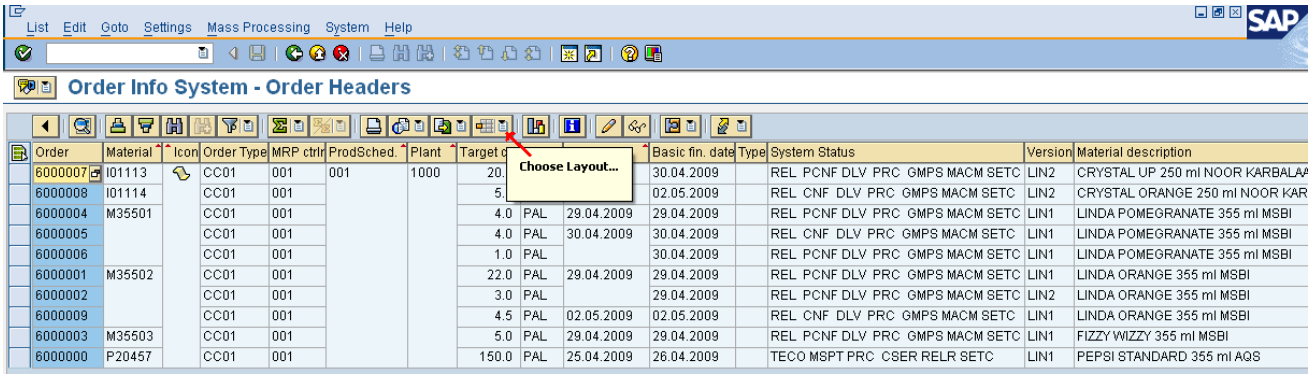
8.2 Order Information System

SAP R/3 Menu	*Logistic □ Production □ Shop Floor Control □ Information System □ Order Information System*
Transaction code	COOIS
Variant Selection (If applicable)	NA



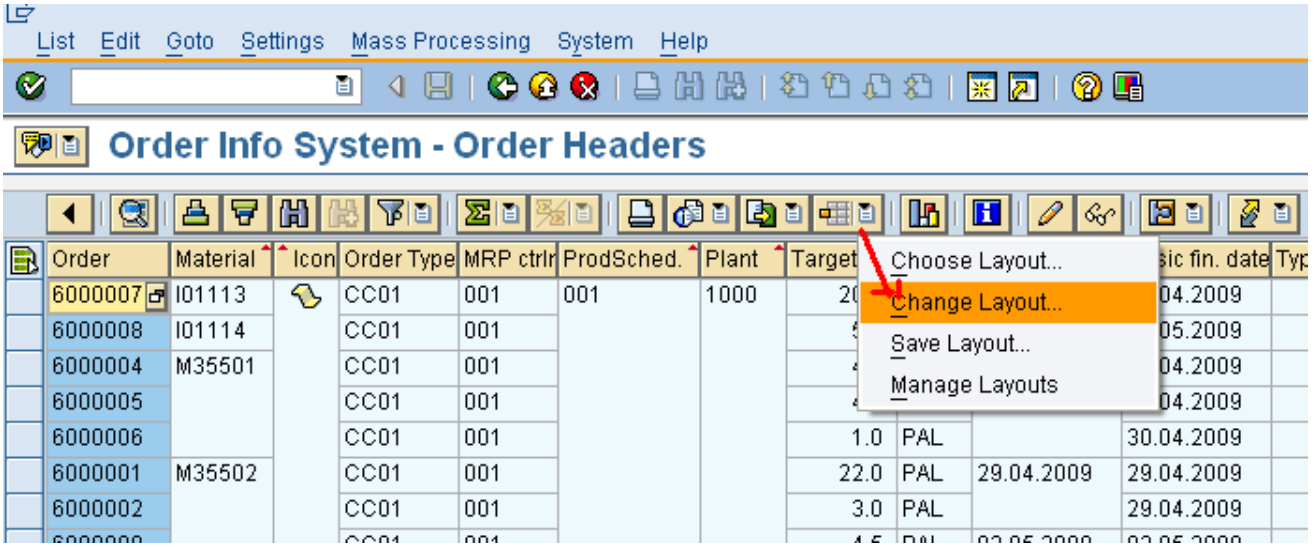
This report has many combinations in the lists and the selection options in the inputs and you can set and save your own output layout according to the requirements.

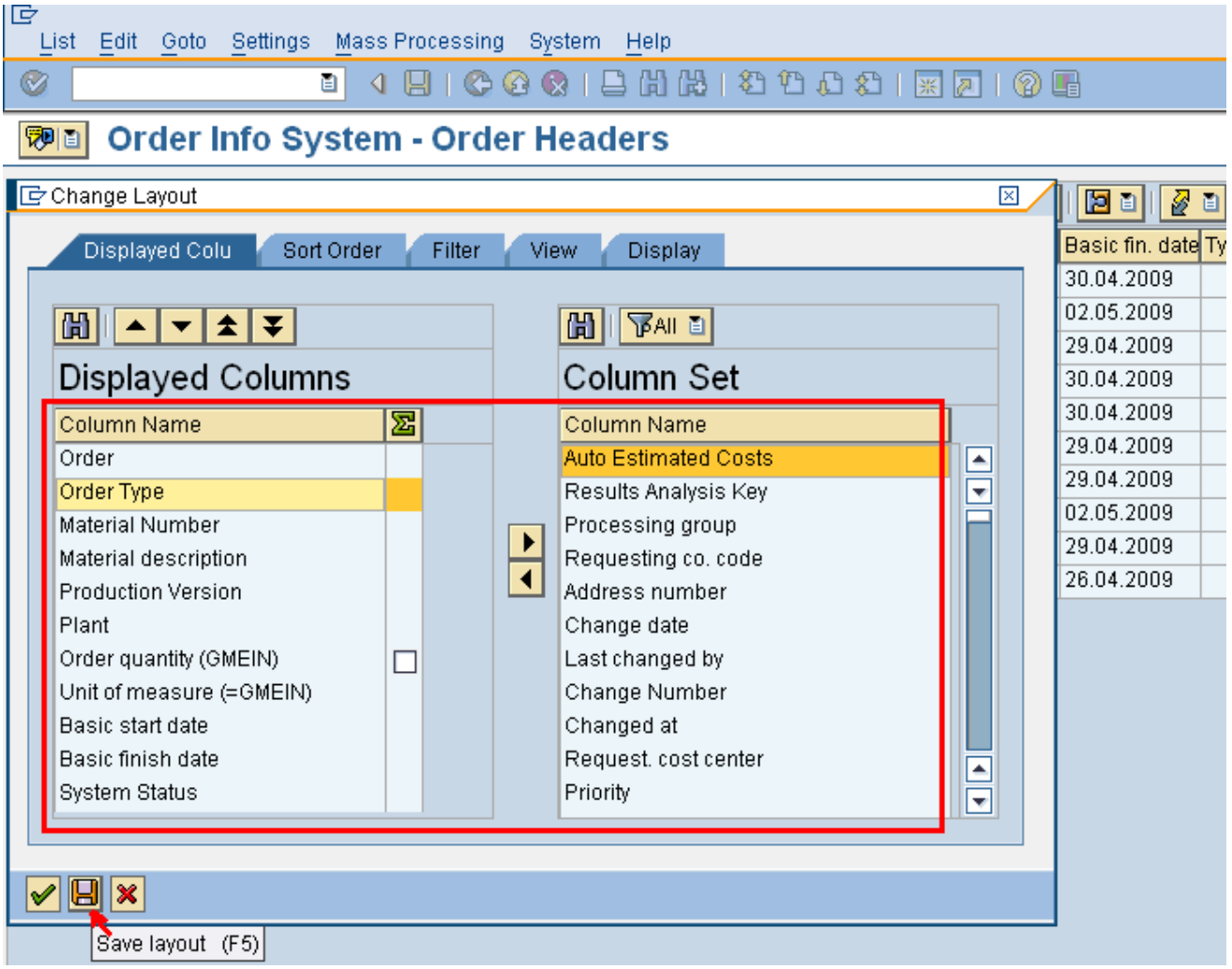
Output can be converted into spread sheet to take print out.



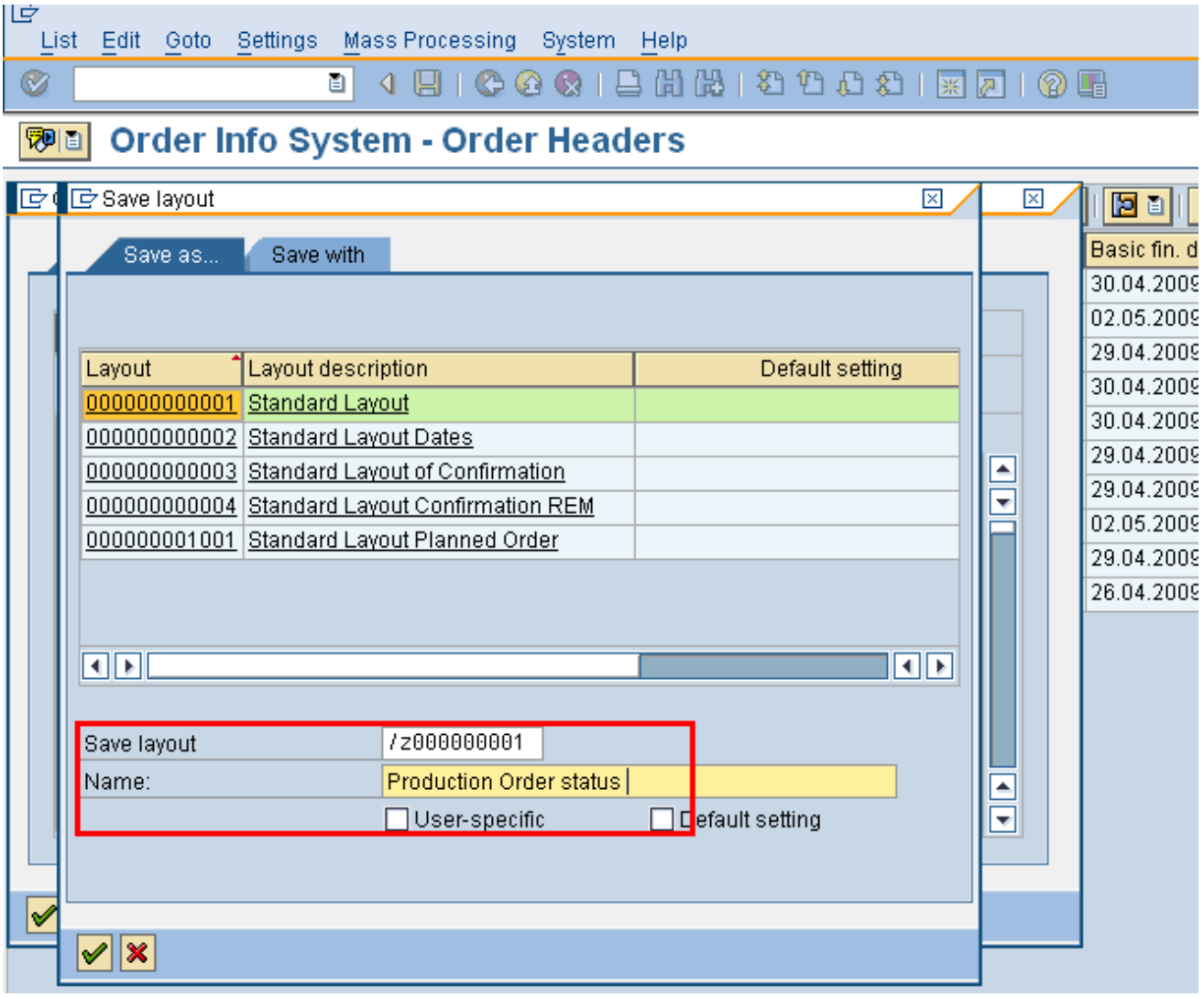
Order	Material	Icon	Order Type	MRP ctrlr	ProdSched.	Plant	Target			Basic fin. date	Type	System Status	Version	Material description
6000007	I01113		CC01	001	001	1000	20.			30.04.2009		REL PCNF DLV PRC GMPS MACM SETC	LIN2	CRYSTAL UP 250 ml NOOR KARBALA
6000008	I01114		CC01	001			5.			02.05.2009		REL CNF DLV PRC GMPS MACM SETC	LIN2	CRYSTAL ORANGE 250 ml NOOR KAR
6000004	M35501		CC01	001			4.0	PAL	29.04.2009	29.04.2009		REL PCNF DLV PRC GMPS MACM SETC	LIN1	LINDA POMEGRANATE 355 ml MSBI
6000005			CC01	001			4.0	PAL	30.04.2009	30.04.2009		REL CNF DLV PRC GMPS MACM SETC	LIN1	LINDA POMEGRANATE 355 ml MSBI
6000006			CC01	001			1.0	PAL		30.04.2009		REL PCNF DLV PRC GMPS MACM SETC	LIN1	LINDA POMEGRANATE 355 ml MSBI
6000001	M35502		CC01	001			22.0	PAL	29.04.2009	29.04.2009		REL PCNF DLV PRC GMPS MACM SETC	LIN1	LINDA ORANGE 355 ml MSBI
6000002			CC01	001			3.0	PAL		29.04.2009		REL PCNF DLV PRC GMPS MACM SETC	LIN2	LINDA ORANGE 355 ml MSBI
6000009			CC01	001			4.5	PAL	02.05.2009	02.05.2009		REL CNF DLV PRC GMPS MACM SETC	LIN1	LINDA ORANGE 355 ml MSBI
6000003	M35503		CC01	001			5.0	PAL	29.04.2009	29.04.2009		REL PCNF DLV PRC GMPS MACM SETC	LIN1	FIZZY WIZZY 355 ml MSBI
6000000	P20457		CC01	001			150.0	PAL	25.04.2009	26.04.2009		TECO MSPT PRC CSER RELR SETC	LIN1	PEPSI STANDARD 355 ml AQS

In the output, from the tool bar you can change the option to change the layouts according to our requirements and the layout can be saved and it can be used for our future reference.

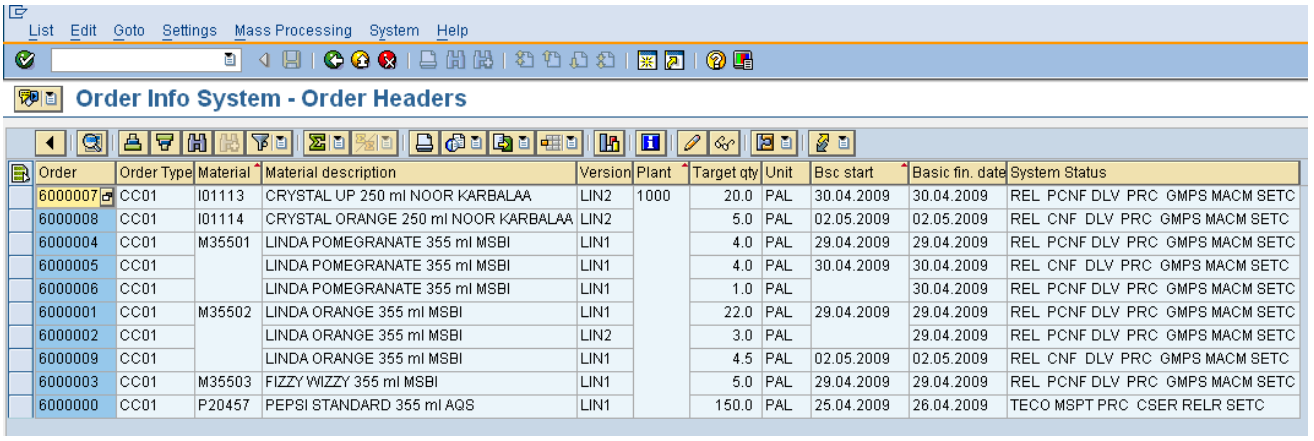




In the options, changes can be done in the displayed list and save the layout.



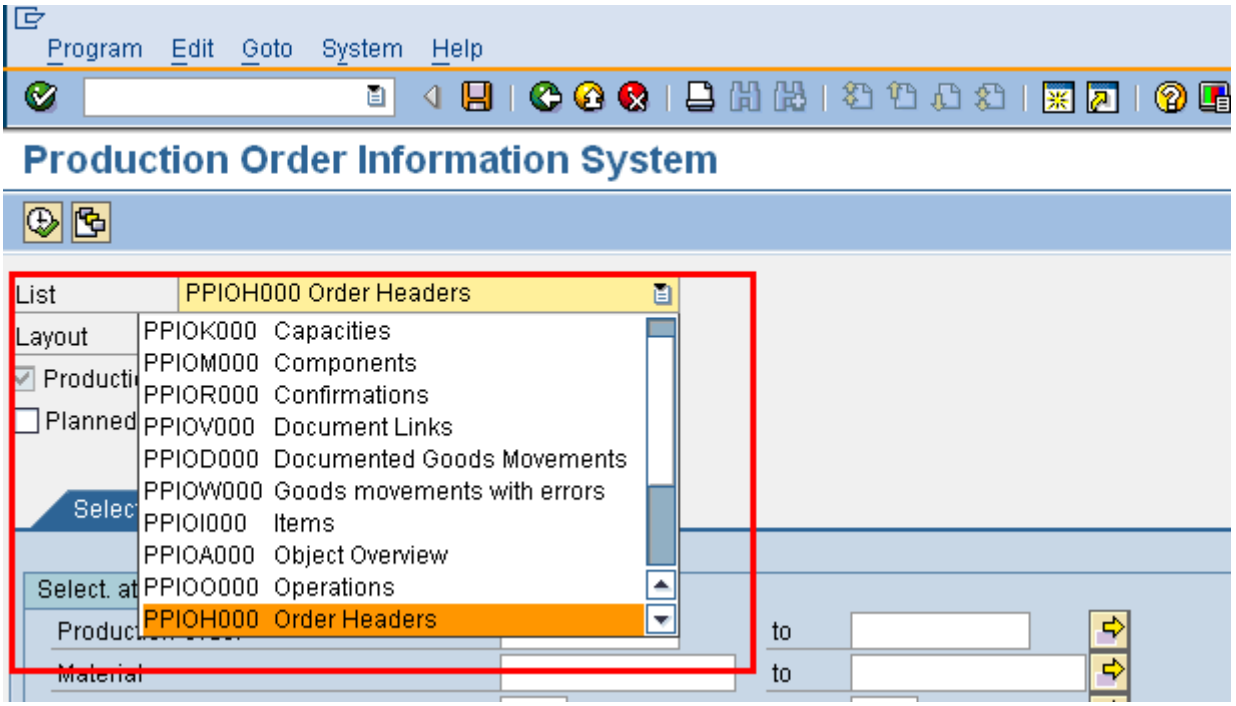
And save the layout.



Order	Order Type	Material	Material description	Version	Plant	Target qty	Unit	Bsc start	Basic fin. date	System Status
6000007	CC01	I01113	CRYSTAL UP 250 ml NOOR KARBALAA	LIN2	1000	20.0	PAL	30.04.2009	30.04.2009	REL PCNF DLV PRC GMPS MACM SETC
6000008	CC01	I01114	CRYSTAL ORANGE 250 ml NOOR KARBALAA	LIN2		5.0	PAL	02.05.2009	02.05.2009	REL CNF DLV PRC GMPS MACM SETC
6000004	CC01	M35501	LINDA POMEGRANATE 355 ml MSBI	LIN1		4.0	PAL	29.04.2009	29.04.2009	REL PCNF DLV PRC GMPS MACM SETC
6000005	CC01		LINDA POMEGRANATE 355 ml MSBI	LIN1		4.0	PAL	30.04.2009	30.04.2009	REL CNF DLV PRC GMPS MACM SETC
6000006	CC01		LINDA POMEGRANATE 355 ml MSBI	LIN1		1.0	PAL		30.04.2009	REL PCNF DLV PRC GMPS MACM SETC
6000001	CC01	M35502	LINDA ORANGE 355 ml MSBI	LIN1		22.0	PAL	29.04.2009	29.04.2009	REL PCNF DLV PRC GMPS MACM SETC
6000002	CC01		LINDA ORANGE 355 ml MSBI	LIN2		3.0	PAL		29.04.2009	REL PCNF DLV PRC GMPS MACM SETC
6000009	CC01		LINDA ORANGE 355 ml MSBI	LIN1		4.5	PAL	02.05.2009	02.05.2009	REL CNF DLV PRC GMPS MACM SETC
6000003	CC01	M35503	FIZZY WIZZY 355 ml MSBI	LIN1		5.0	PAL	29.04.2009	29.04.2009	REL PCNF DLV PRC GMPS MACM SETC
6000000	CC01	P20457	PEPSI STANDARD 355 ml AQS	LIN1		150.0	PAL	25.04.2009	26.04.2009	TECO MSPT PRC CSER RELR SETC

Thus display out put has been changed.

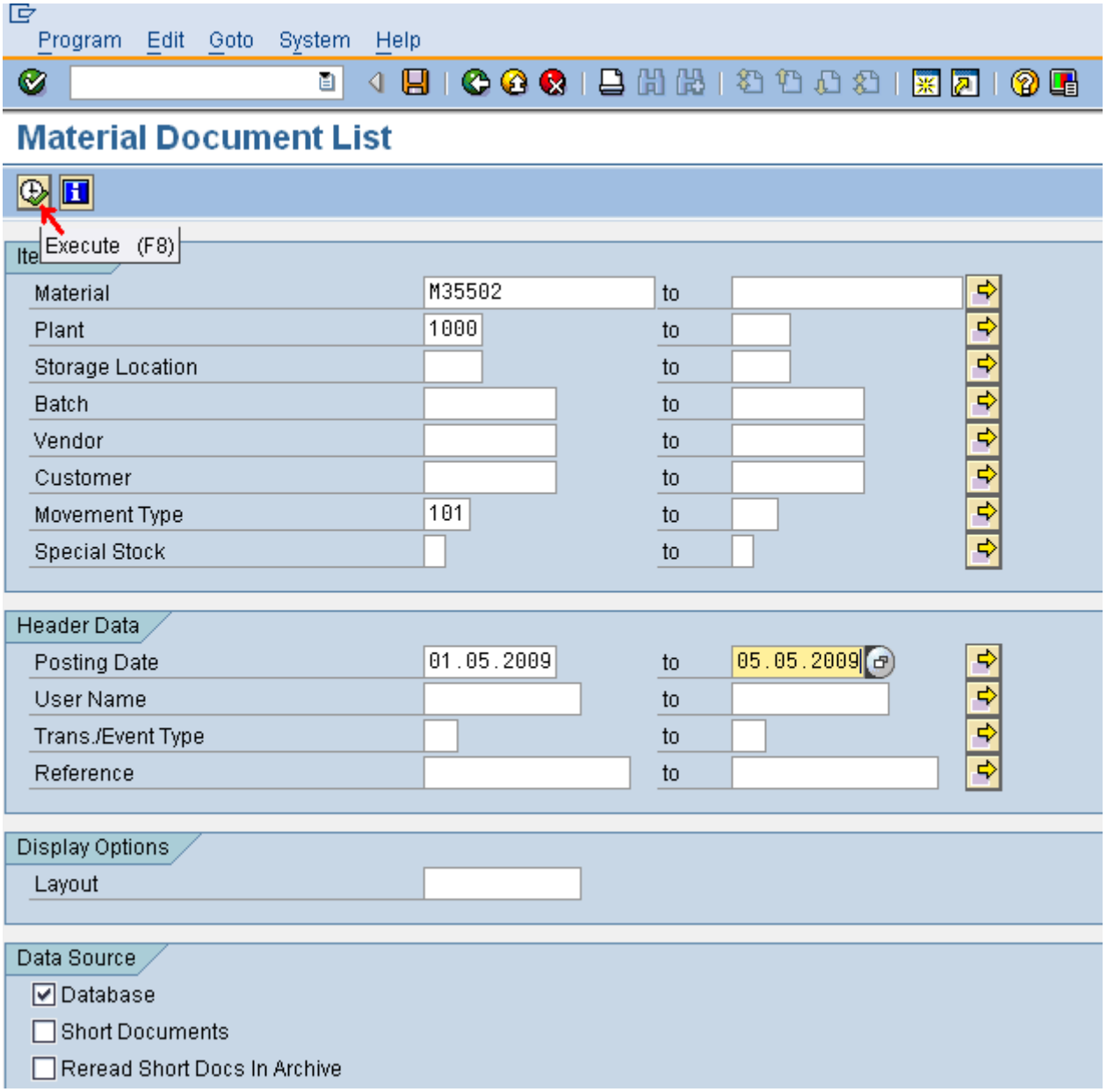
Like the in the initial list have many options to select as displayed below:



According to the combinations, output will be displayed.

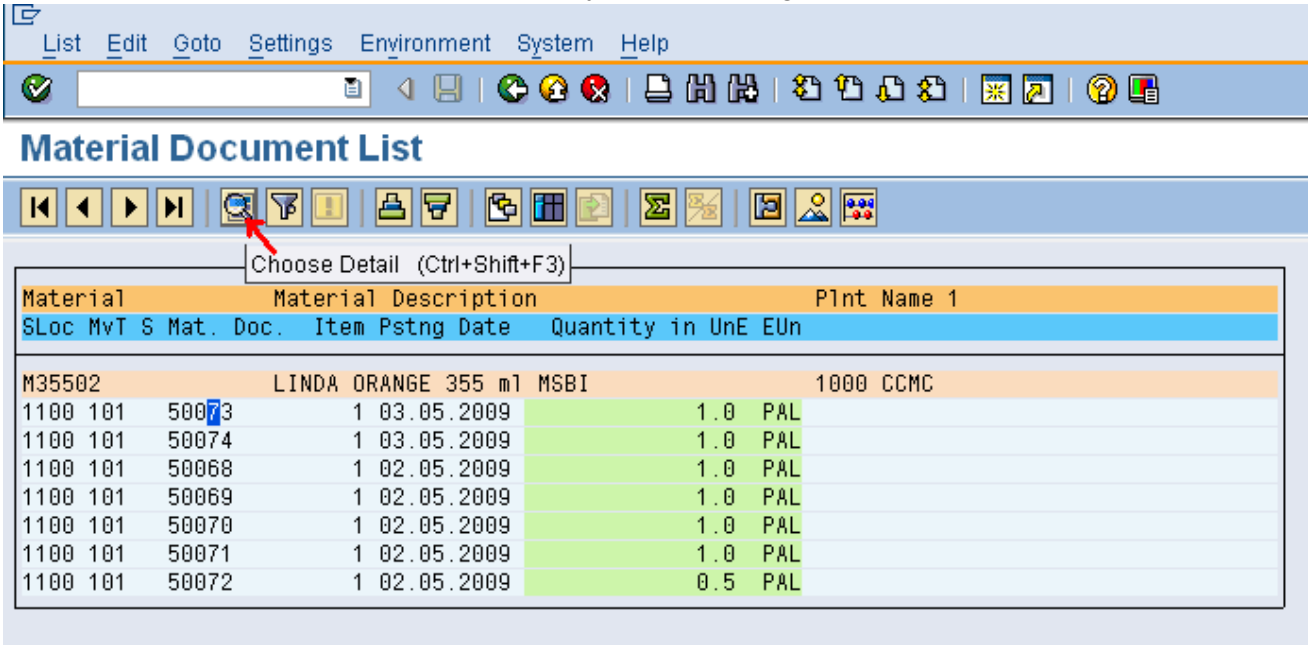
8.3 Material Document List

SAP R/3 Menu	
Transaction code	**MB51**
Variant Selection (If applicable)	Variant selection can be set User specific



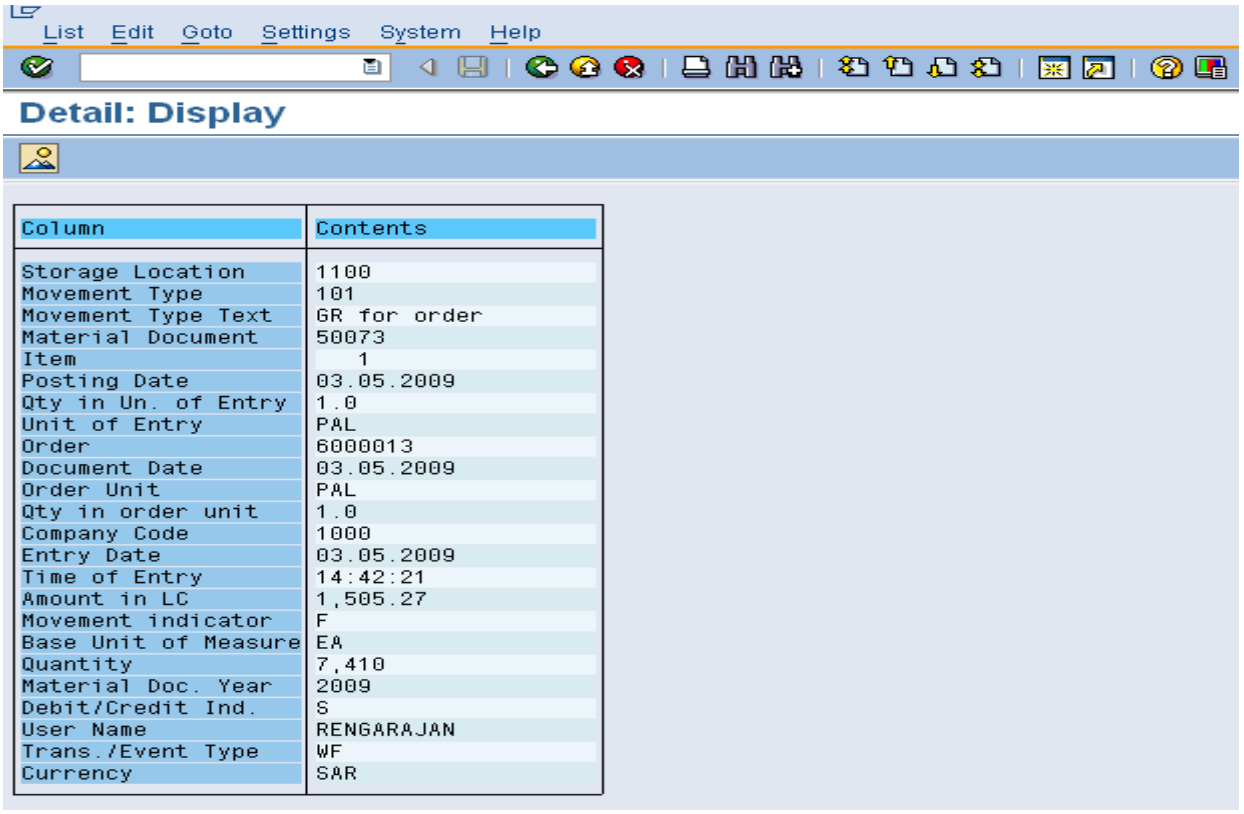
All the inventory postings will have material document. From this report we can know the quantity of the material posted on particular period.

Enter the Material number, plant, movement type and Posting date. Then execute.



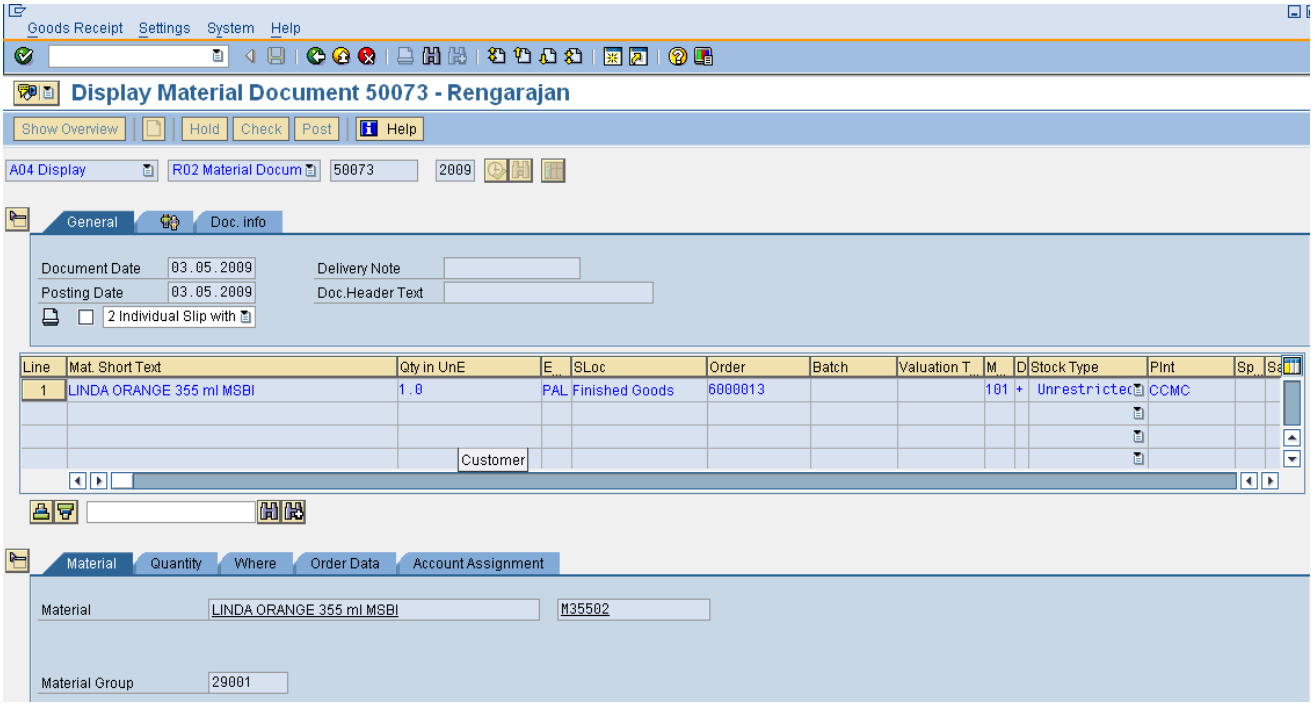
The out put will display as above with the quantities posted in that period for the material. For details, select the Material document number and click ‘choose detail’ tab for detailed information.

You can have the detailed information as below:



Column	Contents
Storage Location	1100
Movement Type	101
Movement Type Text	GR for order
Material Document	50073
Item	1
Posting Date	03.05.2009
Qty in Un. of Entry	1.0
Unit of Entry	PAL
Order	6000013
Document Date	03.05.2009
Order Unit	PAL
Qty in order unit	1.0
Company Code	1000
Entry Date	03.05.2009
Time of Entry	14:42:21
Amount in LC	1,505.27
Movement indicator	F
Base Unit of Measure	EA
Quantity	7,410
Material Doc. Year	2009
Debit/Credit Ind.	S
User Name	RENGARAJAN
Trans./Event Type	WF
Currency	SAR

Or double clicking the document number you can the material document itself as below:



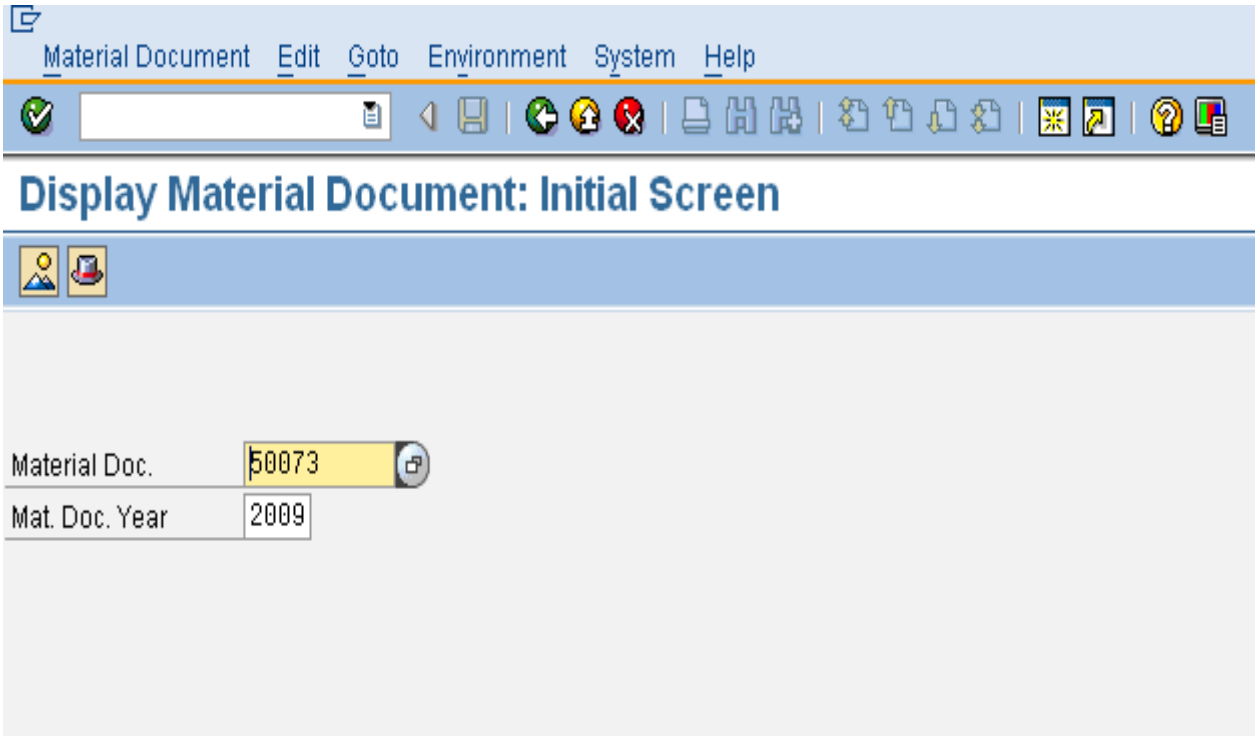
Note:

List of Movement types:

101 – Goods Receipt (Finished goods posting and Raw materials purchasing)
261 – Goods Issue (Goods Issued for Production)
262 – Reversal Goods Issue
531 – Receipt of By-Product (Posting Steel tin scrap, Spoilage can, Bright cans coming out from Production)
261 K – Goods Issue from Consignment (For Inks)
262 K – Reversal Goods Issue from Consignment
309 – Transfer posting from one Material to another (Posting Finished Product Material as Spoilage can)
310 – Transfer posting reverse from one material to another
311 – Transfer posting Material from one storage location to another within the plant.
312 – Transfer posting reverse from one storage location to another within the plant.

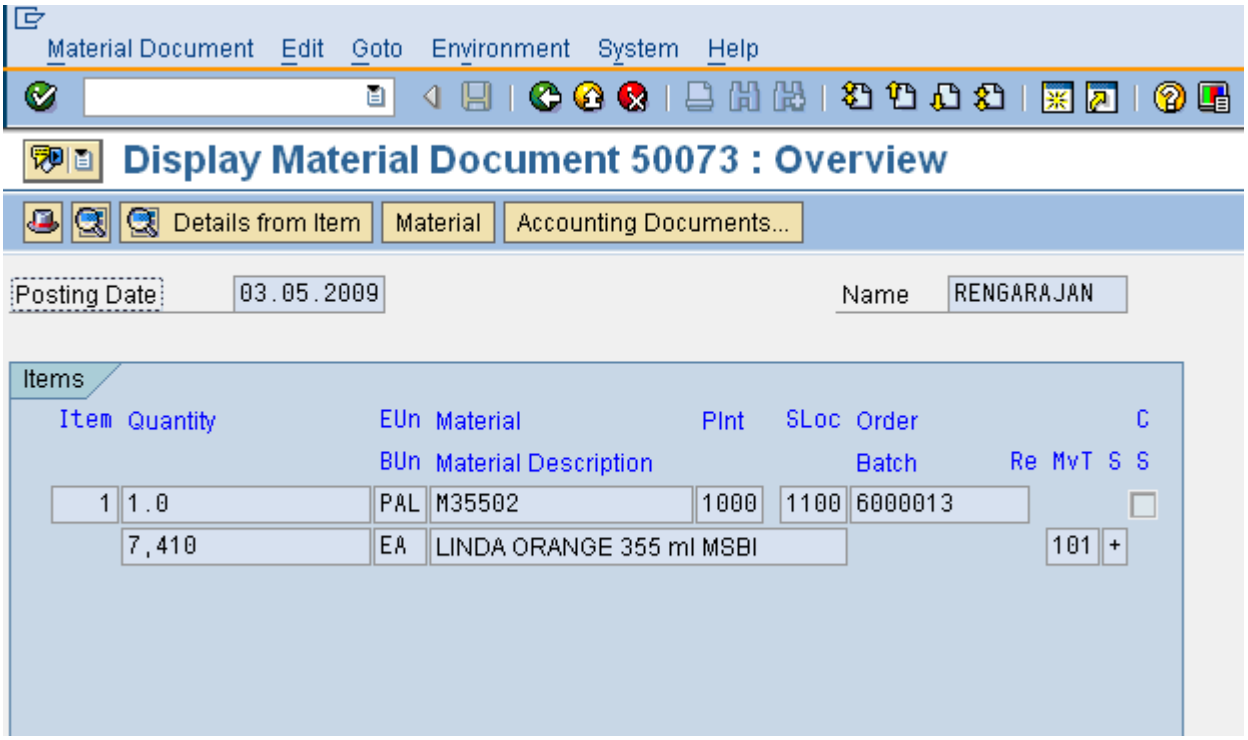
8.4 Material Document - Display

SAP R/3 Menu	
Transaction code	**MB03**
Variant Selection (If applicable)	NA



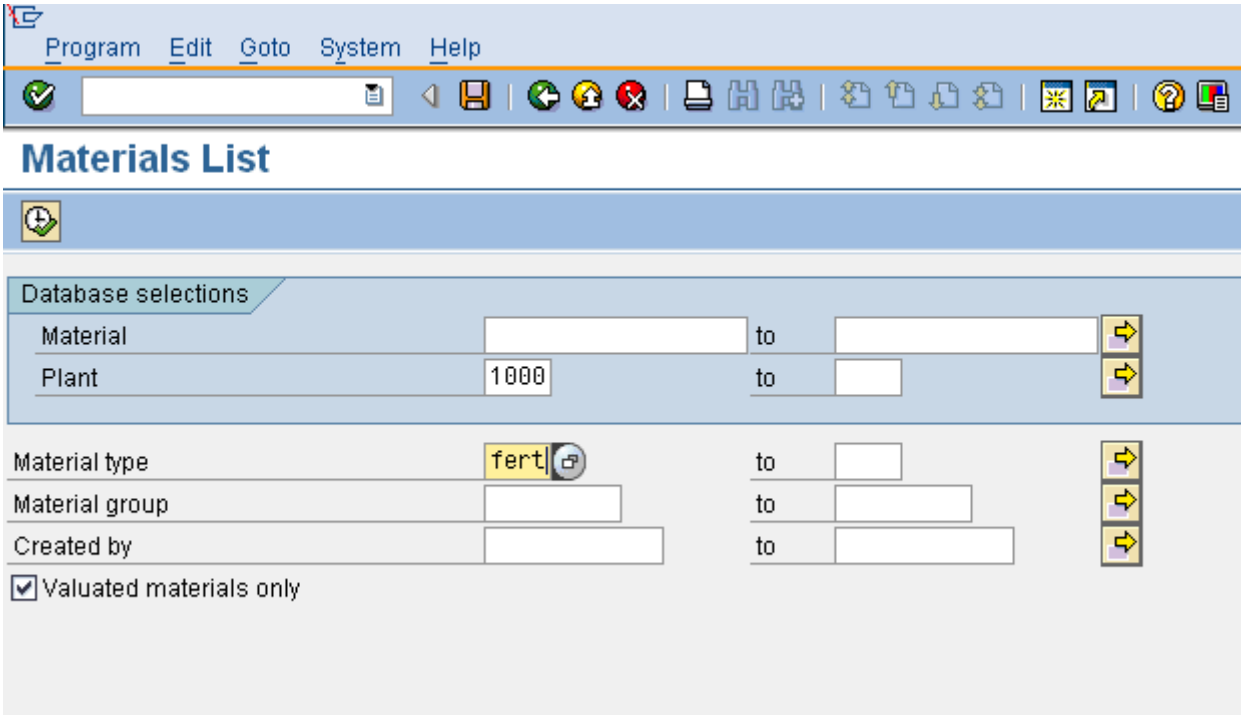
Enter the material document number which is generated while material postings

The display of the document will be as below:


Material Document Edit Goto Environment System Help
Display Material Document 50073 : Overview
Details from Item
Material
Accounting Documents...
Posting Date
03.05.2009
Name
RENGARAJAN
Items
Item Quantity EUn Material Plnt SLoc Order C
BUn Material Description Batch Re MvT S S
1 1.0 PAL M35502 1000 1100 6000013
7,410 EA LINDA ORANGE 355 ml MSBI 101 +

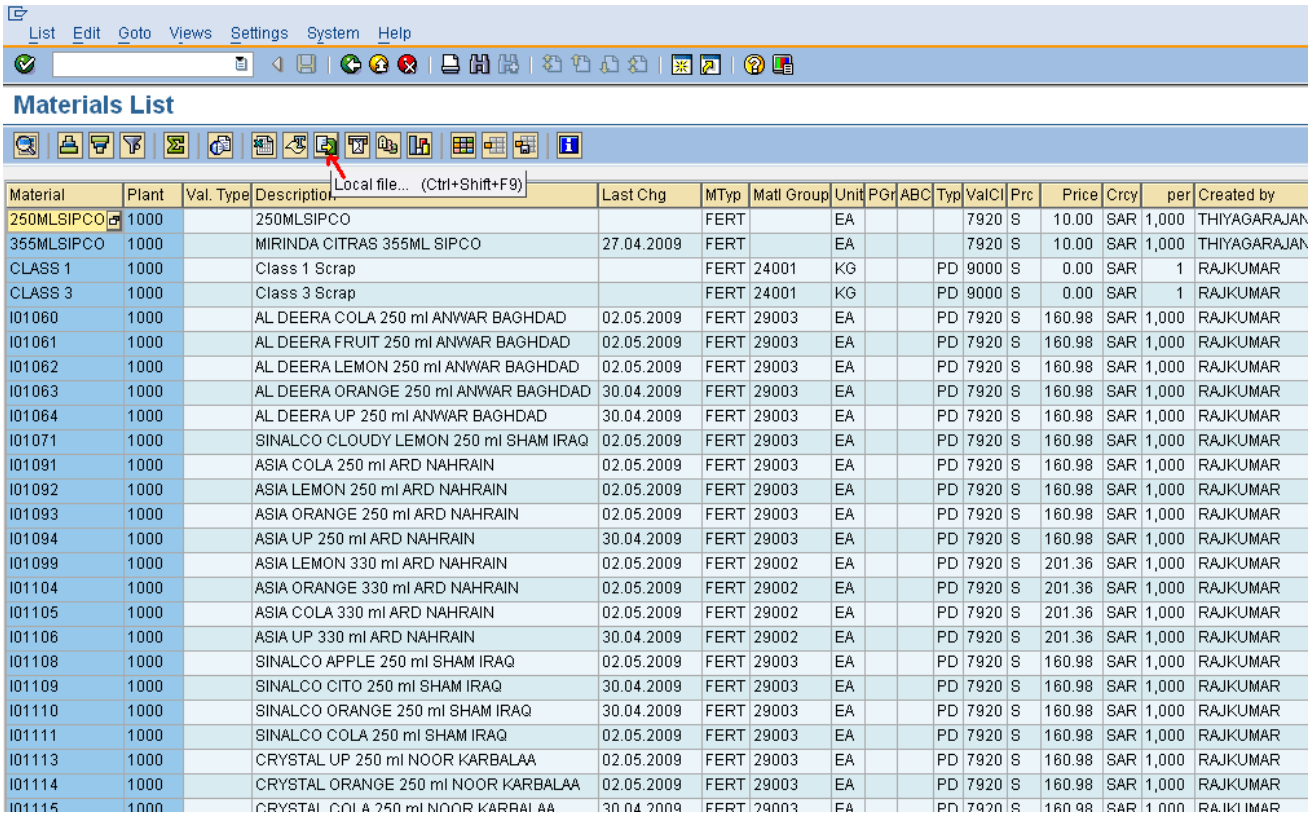
8.5 Material List

SAP R/3 Menu	
Transaction code	MM60
Variant Selection (If applicable)	NA



Enter the Plant as 1000
Then the Material type – Fert
And execute.

It will list all the material of the Material type in the plant.



Material	Plant	Val. Type	Description	Last Chg	MTyp	Matl Group	Unit	PGr	ABC	Typ	ValCl	Prc	Price	Crcy	per	Created by
250MLSIPCO	1000		250MLSIPCO		FERT		EA				7920	S	10.00	SAR	1,000	THIYAGARAJAN
355MLSIPCO	1000		MIRINDA CITRAS 355ML SIPCO	27.04.2009	FERT		EA				7920	S	10.00	SAR	1,000	THIYAGARAJAN
CLASS 1	1000		Class 1 Scrap		FERT	24001	KG			PD	9000	S	0.00	SAR	1	RAJKUMAR
CLASS 3	1000		Class 3 Scrap		FERT	24001	KG			PD	9000	S	0.00	SAR	1	RAJKUMAR
I01060	1000		AL DEERA COLA 250 ml ANWAR BAGHDAD	02.05.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01061	1000		AL DEERA FRUIT 250 ml ANWAR BAGHDAD	02.05.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01062	1000		AL DEERA LEMON 250 ml ANWAR BAGHDAD	02.05.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01063	1000		AL DEERA ORANGE 250 ml ANWAR BAGHDAD	30.04.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01064	1000		AL DEERA UP 250 ml ANWAR BAGHDAD	30.04.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01071	1000		SINALCO CLOUDY LEMON 250 ml SHAM IRAQ	02.05.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01091	1000		ASIA COLA 250 ml ARD NAHRAIN	02.05.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01092	1000		ASIA LEMON 250 ml ARD NAHRAIN	02.05.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01093	1000		ASIA ORANGE 250 ml ARD NAHRAIN	02.05.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01094	1000		ASIA UP 250 ml ARD NAHRAIN	30.04.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01099	1000		ASIA LEMON 330 ml ARD NAHRAIN	02.05.2009	FERT	29002	EA			PD	7920	S	201.36	SAR	1,000	RAJKUMAR
I01104	1000		ASIA ORANGE 330 ml ARD NAHRAIN	02.05.2009	FERT	29002	EA			PD	7920	S	201.36	SAR	1,000	RAJKUMAR
I01105	1000		ASIA COLA 330 ml ARD NAHRAIN	02.05.2009	FERT	29002	EA			PD	7920	S	201.36	SAR	1,000	RAJKUMAR
I01106	1000		ASIA UP 330 ml ARD NAHRAIN	30.04.2009	FERT	29002	EA			PD	7920	S	201.36	SAR	1,000	RAJKUMAR
I01108	1000		SINALCO APPLE 250 ml SHAM IRAQ	02.05.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01109	1000		SINALCO CITO 250 ml SHAM IRAQ	30.04.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01110	1000		SINALCO ORANGE 250 ml SHAM IRAQ	30.04.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01111	1000		SINALCO COLA 250 ml SHAM IRAQ	02.05.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01113	1000		CRYSTAL UP 250 ml NOOR KARBALAA	02.05.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01114	1000		CRYSTAL ORANGE 250 ml NOOR KARBALAA	02.05.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR
I01115	1000		CRYSTAL COLA 250 ml NOOR KARBALAA	30.04.2009	FERT	29003	EA			PD	7920	S	160.98	SAR	1,000	RAJKUMAR

From that it can be downloaded to excel file and print out can be taken.