

CCMC - SAP Project

User Manual - PP

Project	CCMC - SAP Project
Document ID	EUD-PP-20090425 V1.0

Author / Reviewer	Version	Date	Distribution List
	Version 1.0		

Version History				
Ver. No.	Ver. Date	Changed By	Change Description	Filename
1.0	25/04/09		Initial Draft	EUD-PP-20090425 V1.0
1.0	03/06/09			EUD-PP-20090425 V1.1

Table of Contents

1	Introduction	3
2	SAP Logon	3
3	Master Data	4
3.1	Material Master	4
3.2	Bill of Material	13
3.3	Work Center	31
3.4	Routing	45
3.5	Production Version	56
3.6	Reference Operation Set	59
3.7	Product Group	62
4	Can Manufacturing Process	65
4.1	Planned Independent Requirements - Creation	65
4.2	Planned Independent Requirements - Change	69
4.3	MRP Run – Single Item, Multi level	71
4.4	Stock / Requirements List	72
4.5	Production Order – Change	79
4.6	Production Order – Confirmation (Partial - Pallet wise)	82
4.7	Production Order – Entry of Cup count and Spoilage Can posting	83
4.8	Goods Issue	84
4.9	Transfer Posting	89
4.10	Production Order Confirmation – Cancel	91
5	Scrap Process	93
5.1	Production Order – Creation	93
5.2	Production Order – Confirmation (For Order)	97
6	Rework Process	100
6.1	Production Order – Creation	100
6.2	Production Order – Confirmation (Partial - Pallet wise)	105
7	Annual Planning	107
7.1	Planned Independent Requirements - Creation	107
7.2	Planning Scenario - Creation	108
7.3	LTP Run – Single Item, Multi Level	113
7.4	LTP Run – Stock/Requirements List	113
7.5	Planning Situation Material	113
7.6	Long-Term Requirement - Display	114
8	Reports	115
8.1	Stock Overview	115
8.2	Order Information System	118
8.3	Material Document List	123
8.4	Material Document - Display	126
8.5	Material List	128



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan

2/5/2017

Created : 5-Feb-17

Document : EUD-PP-20090425 V1.0

UPDATED :

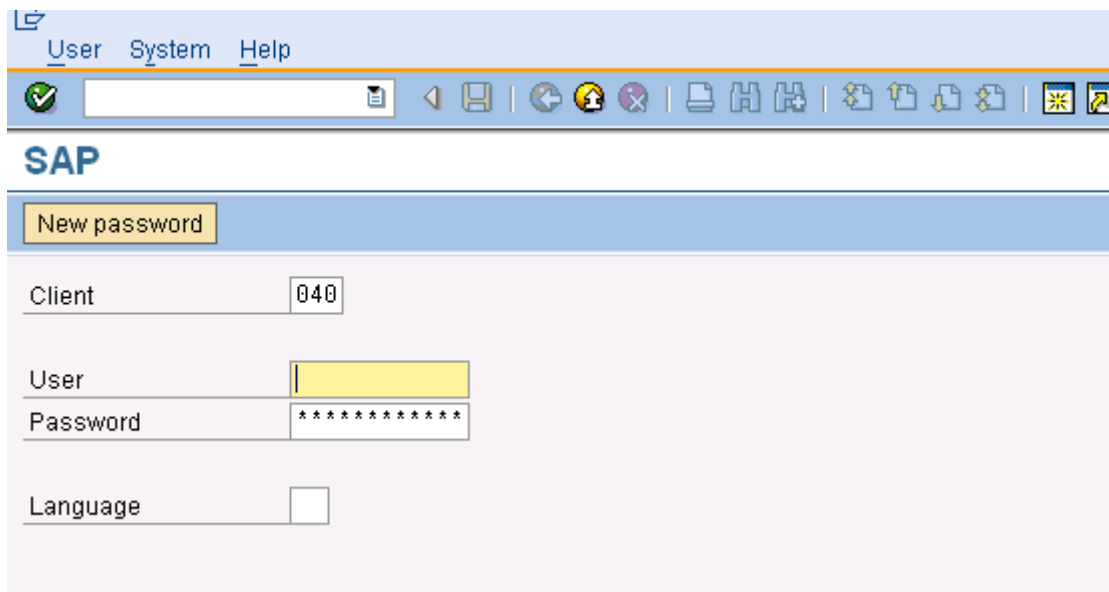
1 Introduction


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 

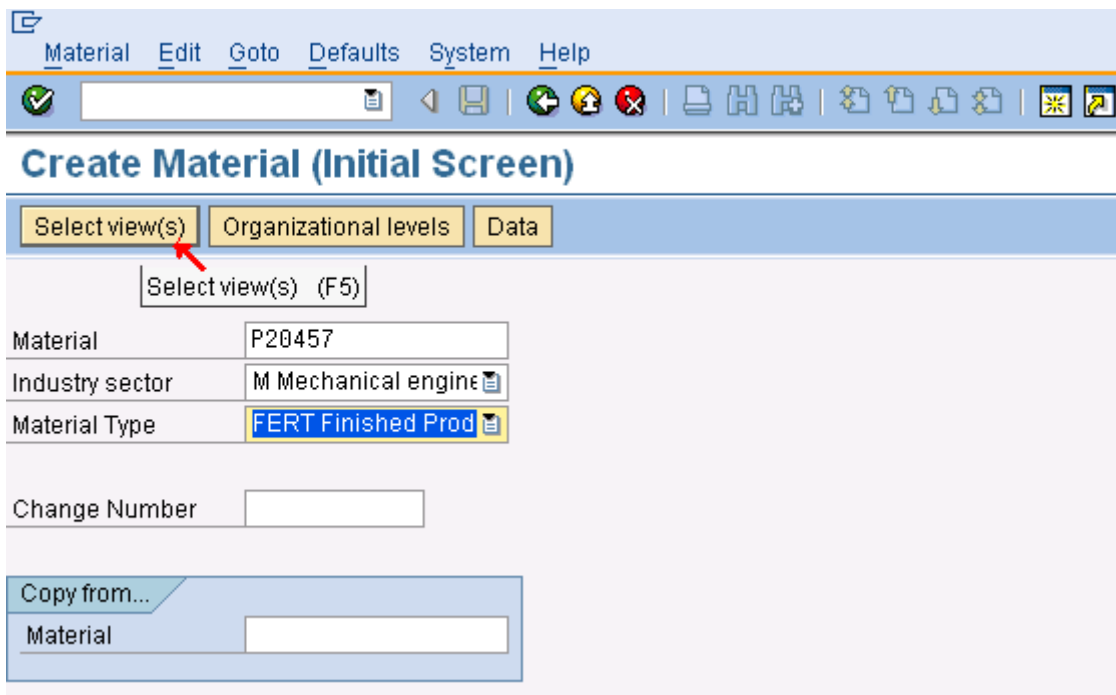
3 Master Data

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 <input type="checkbox"/> Production <input type="checkbox"/> Master Data <input type="checkbox"/> Material Master <input type="checkbox"/> Create (General)
Transaction code	MM01



Material Edit Goto Defaults System Help

Create Material (Initial Screen)

Select view(s) Organizational levels Data

Select view(s) (F5)

Material P20457

Industry sector M Mechanical engine

Material Type FERT Finished Prod

Change Number

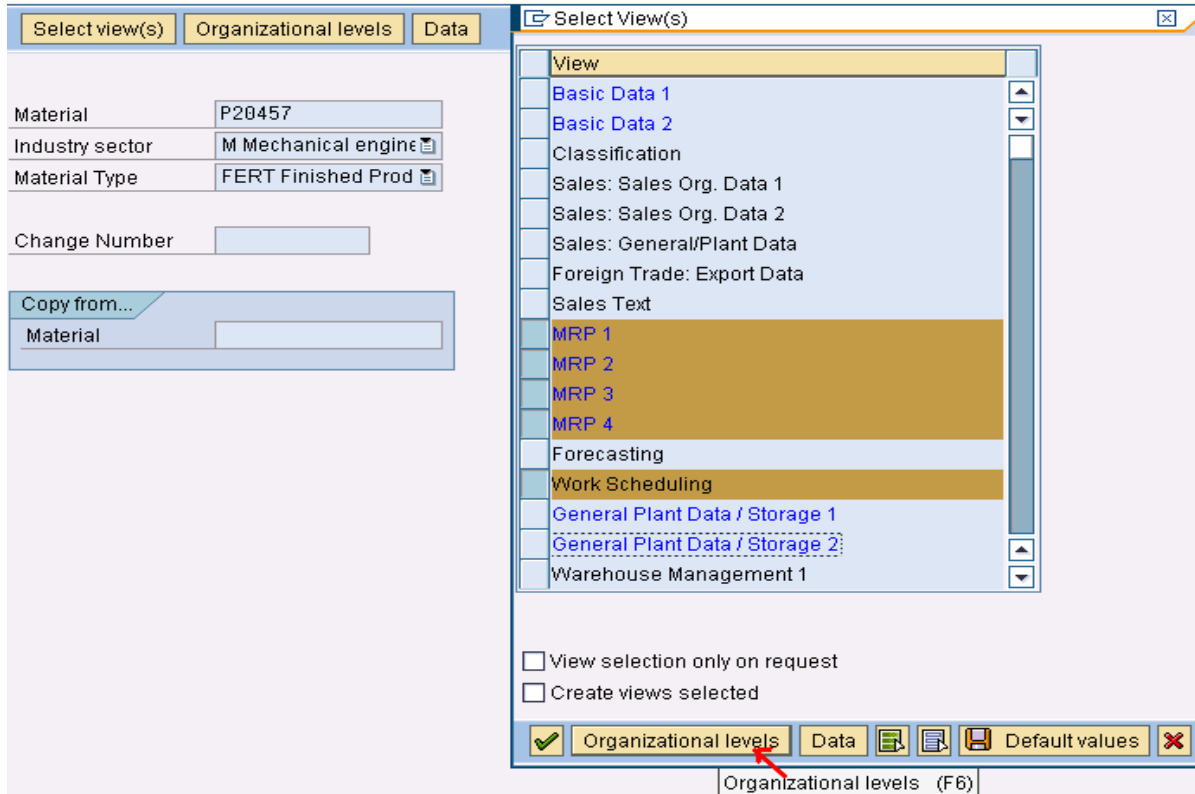
Copy from...

Material

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

And click Select view(s) button

Create Material (Initial Screen)







Select view(s) | Organizational levels | Data | Select View(s)

Material: P20457
 Industry sector: M Mechanical engine
 Material Type: FERT Finished Prod
 Change Number:
 Copy from...
 Material:

View selection options:
☐ View selection only on request
☐ Create views selected

View list:
 View
 Basic Data 1
 Basic Data 2
 Classification
 Sales: Sales Org. Data 1
 Sales: Sales Org. Data 2
 Sales: General/Plant Data
 Foreign Trade: Export Data
 Sales Text
 MRP 1
 MRP 2
 MRP 3
 MRP 4
 Forecasting
 Work Scheduling
 General Plant Data / Storage 1
 General Plant Data / Storage 2
 Warehouse Management 1

☒ Organizational levels | Data |    Default values 

Organizational levels (F6)

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



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan

2/5/2017

Created : 5-Feb-17

Document : EUD-PP-20090425 V1.0

UPDATED :

Create Material (Initial Screen)

Select view(s)	Organizational levels	Data
Material	P20457	Organizational Levels
Industry sector	M Mech	Organizational levels
Material Type	FERT P	Plant 1000 CCMC
Change Number		Stor. Location 1100
Copy from...		Profiles
Material		MRP profile
		<input type="checkbox"/> Org. levels/profiles only on request
		<input checked="" type="checkbox"/> Select view(s) <input type="button" value="Default values"/> <input type="button" value="X"/>

In MRP 1 view:

MRP1 view is having attributes, which trigger the system to propose the Planning logic.

Create Material P20457 (Finished Product)

Additional data		Organizational levels		Check screen data	
<div> <div>Sales text</div> <div>MRP 1</div> <div>MRP 2</div> <div>MRP 3</div> <div>MRP 4</div> <div>Forecasting</div> </div>					
Material	P20457	PEPSI STANDARD 355 ml AQS			
Plant	1000	CCMC			
General Data					
Base Unit of Measure	EA	each	MRP group	1000	
Purchasing Group			ABC Indicator		
Plant-sp.matl status			Valid from		
MRP procedure					
MRP Type	pd		Planning time fence		
Reorder Point			MRP Controller	001	
Planning cycle					
Lot size data					
Lot size	ex		Maximum Lot Size		
Minimum Lot Size			Maximum stock level		
Fixed lot size			Storage costs ind.		
Ordering costs			Takt time		
Assembly scrap (%)			Rounding value		
Rounding Profile					
Unit of Measure Grp					

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.

Create Material P20457 (Finished Product)

Additional data		Organizational levels		Check screen data	
-----------------	--	-----------------------	--	-------------------	--

MRP 1	MRP 2	MRP 3	MRP 4	Forecasting	Work s...
-------	-------	-------	-------	-------------	-----------

Material	P20457	PEPSI STANDARD 355 ml AQS
Plant	1000	CCMC

Procurement	
Procurement type	E
Special procurement	
Quota arr. usage	
Backflush	
JIT delivery sched.	
<input type="checkbox"/> Co-product	
<input type="checkbox"/> Bulk Material	
Batch entry	
Prod. stor. location	1100
Default supply area	
Storage loc. for EP	
Stock det. grp	

Scheduling	
In-house production	days
GR Processing Time	days
SchedMargin key	001
Planned Deliv. Time	days
Planning calendar	

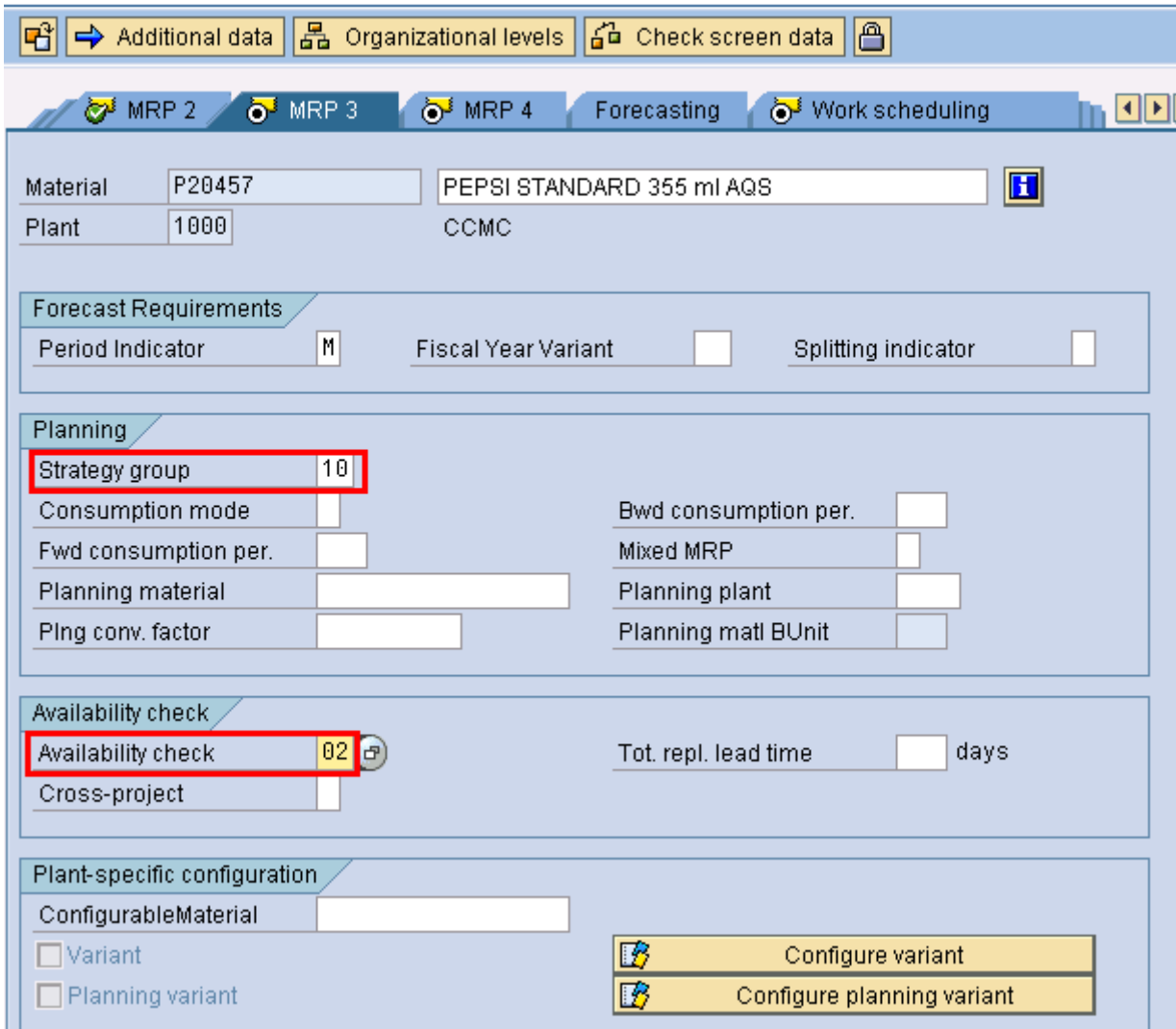
Net requirements calculation	
Safety Stock	
Min safety stock	
Safety time ind.	
STime period profile	
Service level (%)	
Coverage profile	
Safety time/act.cov.	days

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.

Create Material P20457 (Finished Product)



The screenshot shows the SAP MRP 3 View for Material P20457. The material name is PEPSI STANDARD 355 ml AQS and the plant is 1000. The view is set to MRP 3. The Strategy group is 10, and the Availability check is 02. The Forecast Requirements section shows the Period Indicator as M. The Planning section shows the Consumption mode as Fwd consumption per. The Availability check section shows the Tot. repl. lead time as 02 days. The Plant-specific configuration section shows the ConfigurableMaterial as Variant.

Material	P20457	PEPSI STANDARD 355 ml AQS
Plant	1000	CCMC

Forecast Requirements

Period Indicator	M	Fiscal Year Variant		Splitting indicator	
------------------	---	---------------------	--	---------------------	--

Planning

Strategy group	10	Bwd consumption per.	
Consumption mode		Mixed MRP	
Fwd consumption per.		Planning plant	
Planning material		Planning matl BUnit	
Plng conv. factor			

Availability check

Availability check	02	Tot. repl. lead time		days
Cross-project				

Plant-specific configuration

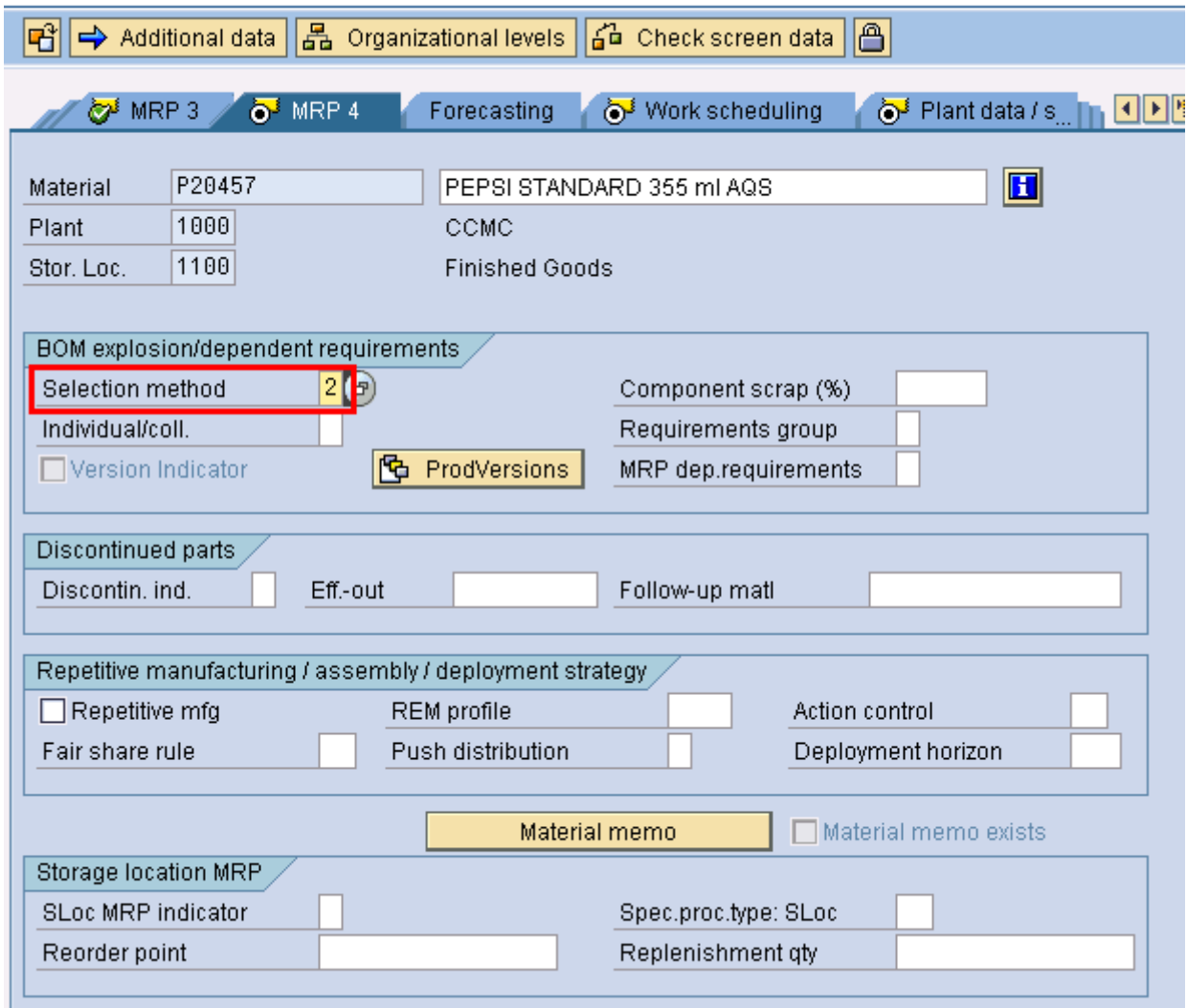
ConfigurableMaterial	
<input type="checkbox"/> Variant	Configure variant
<input type="checkbox"/> Planning variant	Configure planning variant

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.

Create Material P20457 (Finished Product)



The screenshot shows the SAP MRP 4 View for Material P20457. The material is identified as 'PEPSI STANDARD 355 ml AQS' with Plant 1000 and Stor. Loc. 1100. The BOM explosion/dependent requirements section is highlighted, showing the Selection method set to 2 (selection by Production version). Other fields include Component scrap (%), Requirements group, and MRP dep.requirements. The Discontinued parts section includes Discontin. ind., Eff.-out, and Follow-up matl. The Repetitive manufacturing / assembly / deployment strategy section includes checkboxes for Repetitive mfg, Fair share rule, REM profile, Push distribution, Action control, and Deployment horizon. The Material memo section includes a checkbox for Material memo exists. The Storage location MRP section includes SLoc MRP indicator, Reorder point, Spec.proc.type: SLoc, and Replenishment qty.

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.

Create Material P20457 (Finished Product)

Additional data | Organizational levels | Check screen data

Forecasting | **Work scheduling** | Plant data / stor. 1 | Plant data / stor. 2

Material: P20457 | PEPSI STANDARD 355 ml AQS
Plant: 1000 | CCMC

General Data

Base Unit of Measure	EA	each	Unit of issue	
Production unit	PAL		P-S matl status	Valid from
Production scheduler	001		Prod.stor.loc.	1100
Prod.Sched.Profile	0001		Mat. Grouping	
Serial no. profile		SerLevel	Overall profile	
<input type="checkbox"/> Insp.stock	<input type="checkbox"/> Critical Part	<input type="checkbox"/> Version Indicator	<input type="checkbox"/> Batch entry	<input type="checkbox"/> BatchManagement

Tolerance data

Underdely tol. percent Overdely tol. percent ☐ Unlimited


In-house production time in days

Lot size dependent	Lot size independent
Setup time <input type="text"/>	Interoperation <input type="text"/>
Processing time <input type="text"/>	Base quantity <input type="text"/>
	InhseProdTime <input type="text"/>

Enter Production unit – PAL (Pallet)

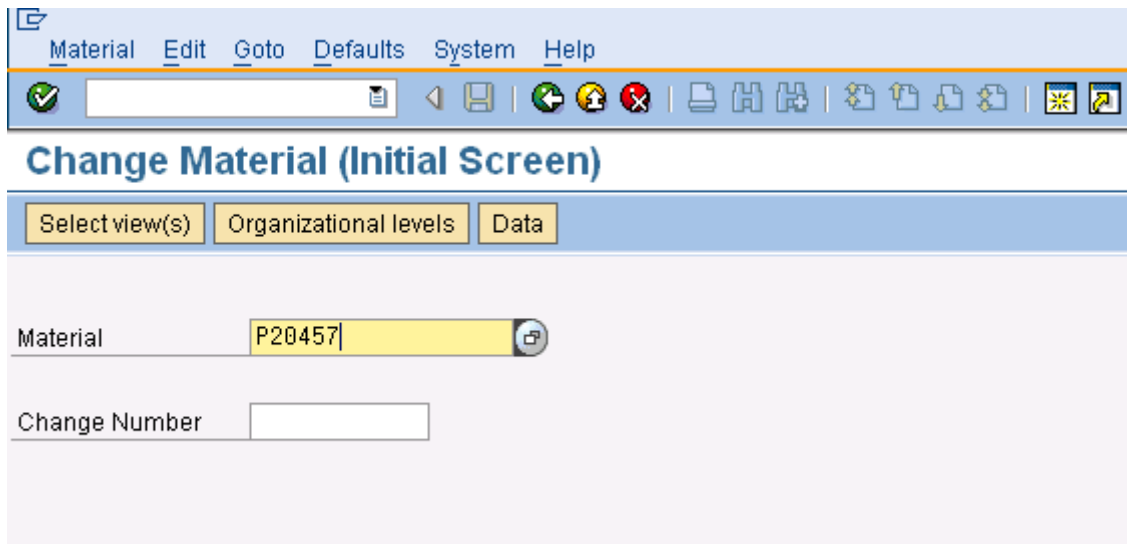
Enter Production Scheduler – 001 (CCMC Production Scheduler)

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 <input type="checkbox"/> Production <input type="checkbox"/> Master Data <input type="checkbox"/> Material Master <input type="checkbox"/> Change
Transaction code	MM02



Change Material (Initial Screen)

Select view(s) | Organizational levels | Data

Material: P20457

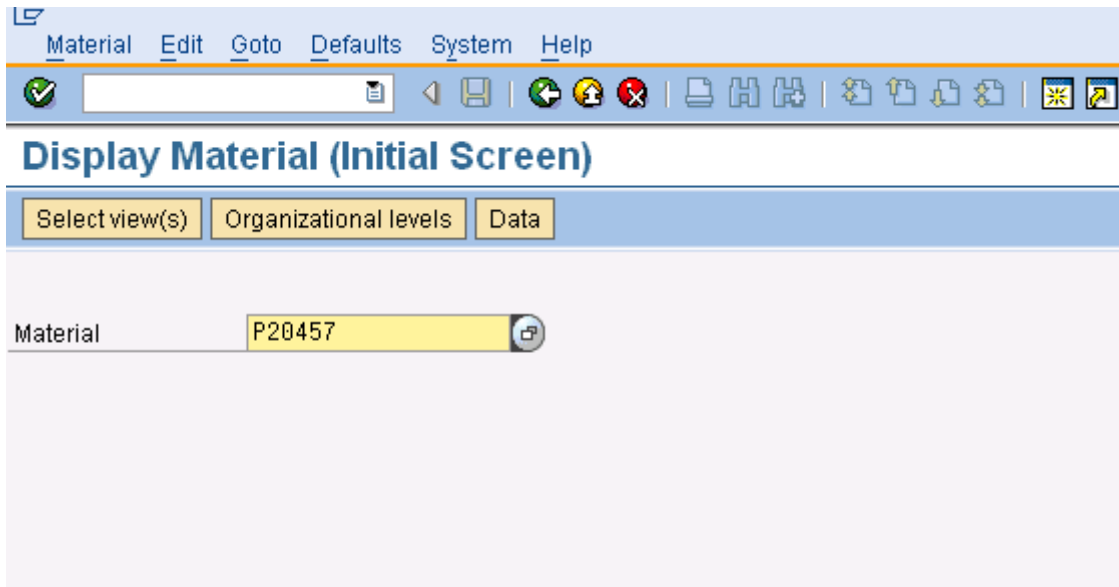
Change Number:

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	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Master Data</i> <input type="checkbox"/> <i>Material Master</i> <input type="checkbox"/> <i>Display</i>
Transaction code	MM03



The screenshot shows the SAP Material Master Display (Initial Screen) interface. At the top, there is a menu bar with options: Material, Edit, Goto, Defaults, System, and Help. Below the menu bar is a toolbar with various icons for navigation and actions. The main title of the screen is "Display Material (Initial Screen)". Below the title, there are three buttons: "Select view(s)", "Organizational levels", and "Data". The "Material" field is populated with the value "P20457".

Enter the Material number which material master to be displayed

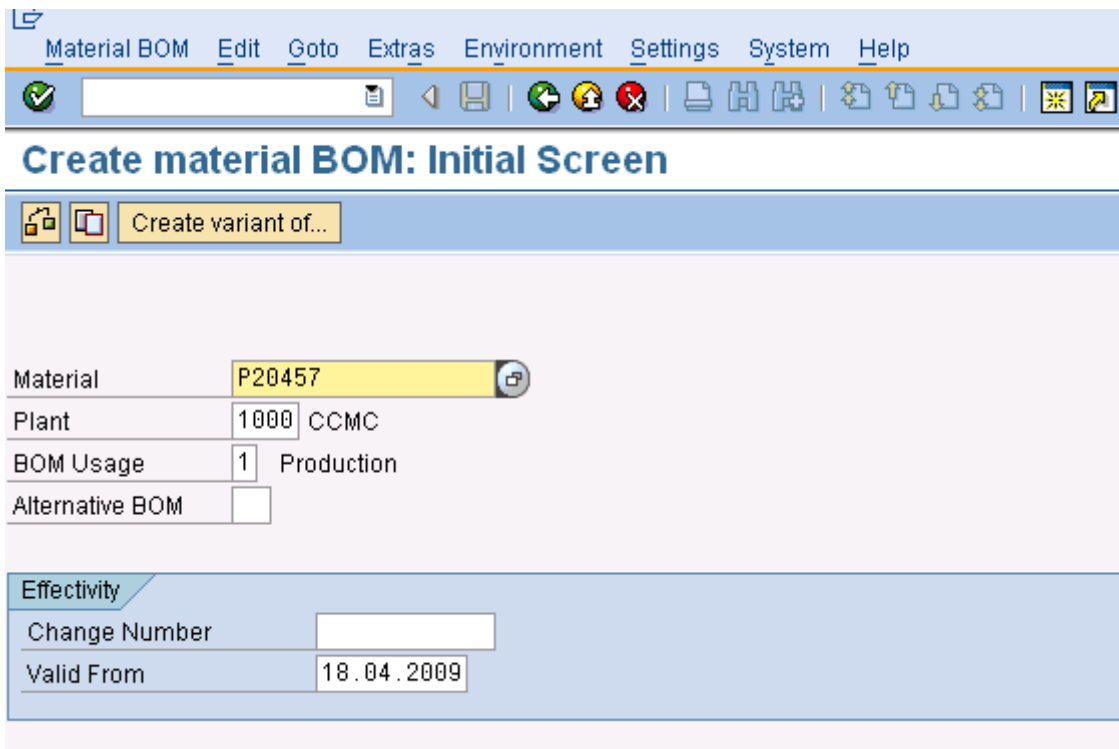
Select the required fields and organizational data and then view it, no changes will be allowed.

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	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Master data</i> <input type="checkbox"/> Bills of Material <input type="checkbox"/> <i>Bill of Material</i> <input type="checkbox"/> <i>Material BOM</i> <input type="checkbox"/> <i>Create</i>
Transaction code	CS01



The screenshot shows the SAP CS01 transaction interface. At the top is a menu bar with options: Material BOM, Edit, Goto, Extras, Environment, Settings, System, and Help. Below the menu is a toolbar with various icons. The main title is "Create material BOM: Initial Screen". Below this is a section with a "Create variant of..." button. The main form contains the following fields:

- Material: P20457
- Plant: 1000 CCMC
- BOM Usage: 1 Production
- Alternative BOM: (empty)

Below these fields is a section titled "Effectivity" with the following fields:

- Change Number: (empty)
- Valid From: 18.04.2009

Enter the Material
Enter Plant – 1000

And BOM Usage – 1 (Production)

Material BOM Edit Goto Extras Environment Settings System Help

Create material BOM: General Item Overview

Subitems New entries Header Validity

Material Header (F6) PEPSI STANDARD 355 ml AQS

Plant 1000 CCMC

Alternative BOM 1 Production BOM

Item	ICt	Component	Component description	Quantity	Un	As	Sl	Valid From	Valid To
0010	L	10000	Steel Tin Plate (1185 x 0.23)	229.554	KG			24.04.2009	31.12.2011
0020	L	10001	Quakerol CLT-105 (Coolant/Lubricant)	0.408	KG			24.04.2009	31.12.2011
0030	L	10002	Quakleen 607 AS (Washer Chemical)	0.126	KG			24.04.2009	31.12.2011
0040	L	10003	Basecoat	3.616	KG			24.04.2009	31.12.2011
0050	L	10004	Bottom Rim Coat	0.245	KG			24.04.2009	31.12.2011
0060	L	10005	Lacquer Spray	13.034	KG			24.04.2009	31.12.2011
0070	L	10006	SILVER 6M7B44094 SILVER	0.018	KG			24.04.2009	31.12.2011
0080	L	10007	PROCESS BLUE 6B3B41745 PRO BLUE	3.036	KG			24.04.2009	31.12.2011
0090	L	10008	PEPSI RED 6R7B45248 PEPSI RED	0.028	KG			24.04.2009	31.12.2011
0100	L	10009	REFLEX BLUE 6P7B45249 REF BLUE	0.274	KG			24.04.2009	31.12.2011
0110	L	50000	Plastic Strap	34.086	M			24.04.2009	31.12.2011
0120	L	50001	Stretch Wrapper	35.939	M			24.04.2009	31.12.2011
0130	L	50002	Layer Pad (Non-Returnable)	19	EA			24.04.2009	31.12.2011
0140	L	8504	Steel Tin Plate Scrap	31.500-	KG			24.04.2009	31.12.2011
0150									

Item - This number is generated by default on the screen.

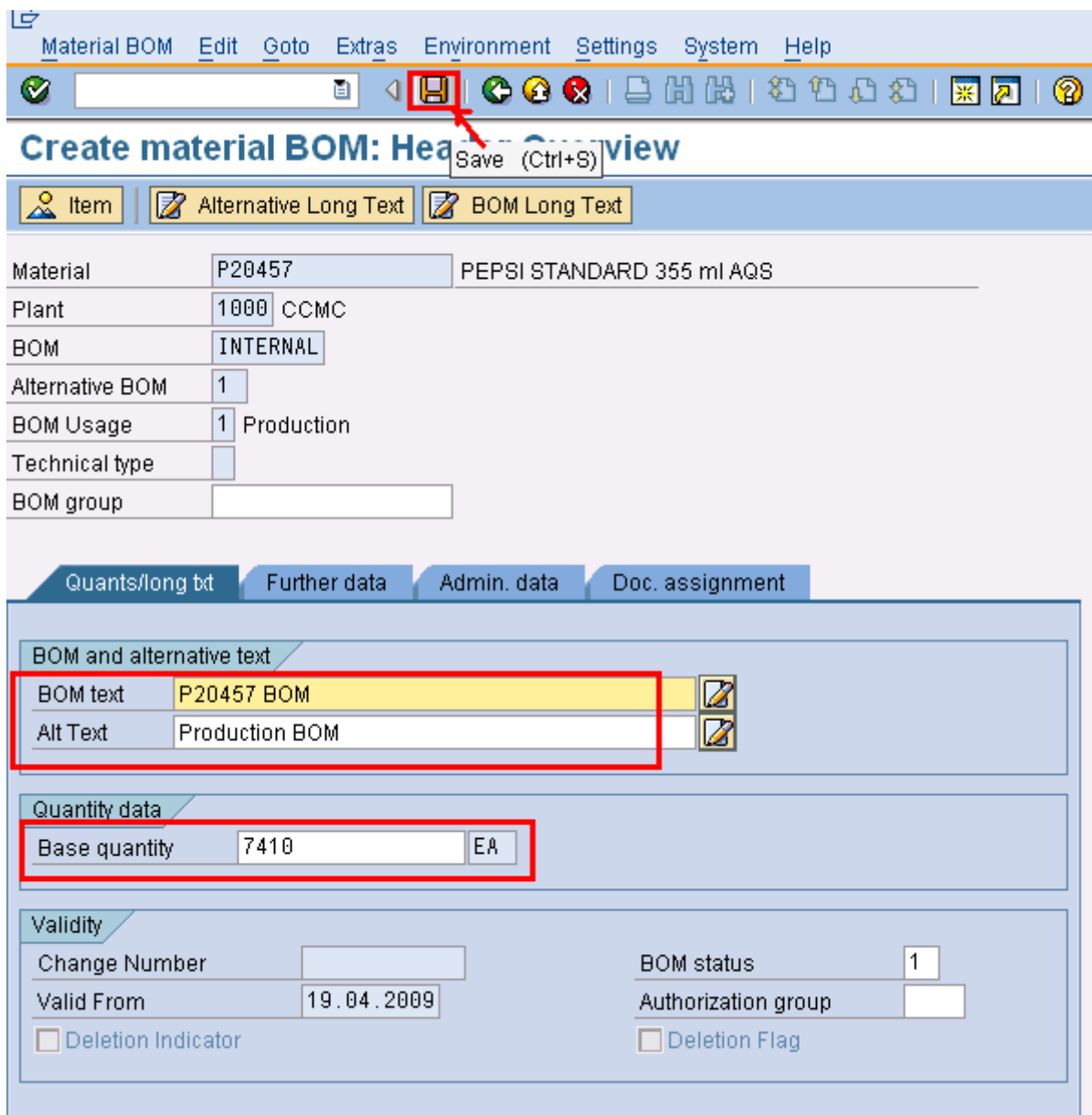
Item category - Enter Item category as 'L' - stock item.

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



Material BOM Edit Goto Extras Environment Settings System Help

Save (Ctrl+S) view

Item Alternative Long Text BOM Long Text

Material P20457 PEPSI STANDARD 355 ml AQS

Plant 1000 CCMC

BOM INTERNAL

Alternative BOM 1

BOM Usage 1 Production

Technical type

BOM group

Quants/long txt Further data Admin. data Doc. assignment

BOM and alternative text

BOM text P20457 BOM

Alt Text Production BOM

Quantity data

Base quantity 7410 EA

Validity

Change Number

Valid From 19.04.2009

BOM status 1

Authorization group


Deletion Indicator

Deletion Flag

Enter the Base quantity

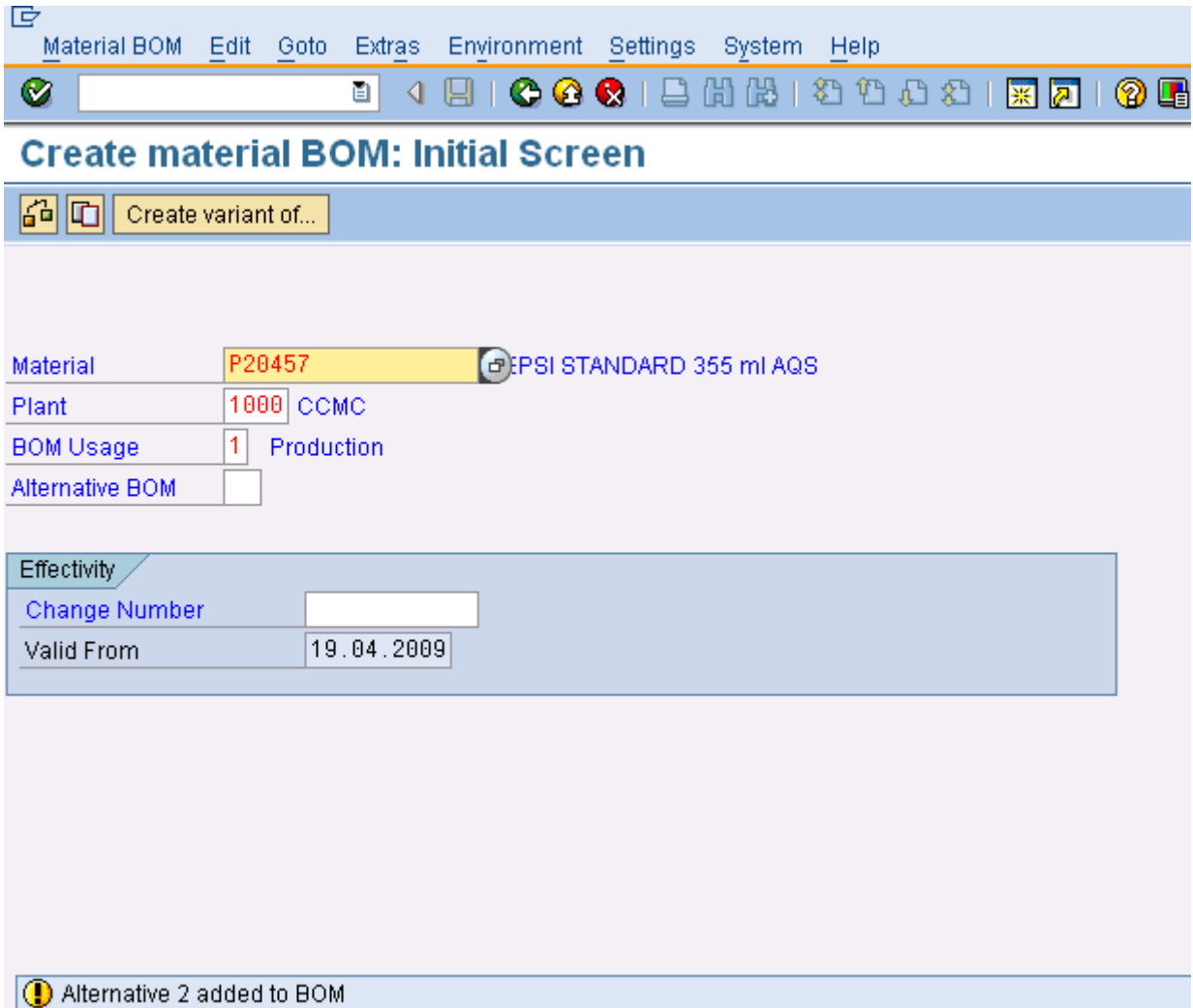
Enter as above in BOM text and Alt text description

And Press Save.

 Creating BOM for material P20457

The Bill of Material of the material is saved.

As the same, create Bill of Material for Rework



Create material BOM: Initial Screen

Material: **P20457** (EPSI STANDARD 355 ml AQS)

Plant: **1000** (CCMC)


BOM Usage: **1** (Production)

Alternative BOM: ☐

Effectivity

Change Number:

Valid From: **19.04.2009**

 Alternative 2 added to BOM

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

Material P20457 PEPSI STANDARD 355 ml AQS
Plant 1000 CCMC
Alternative BOM 2

Material Document General

Item	ICt	Component	Component description	Quantity	Un	As	Sl	Valid From
0010	L	P20457	PEPSI STANDARD 355 ml	1	EA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	19.04.2009
0020	L	10018	Lacquer Spray	0.002	KG	<input type="checkbox"/>	<input type="checkbox"/>	19.04.2009
0030						<input type="checkbox"/>	<input type="checkbox"/>	
0040						<input type="checkbox"/>	<input type="checkbox"/>	
0050						<input type="checkbox"/>	<input type="checkbox"/>	
0060						<input type="checkbox"/>	<input type="checkbox"/>	
0070						<input type="checkbox"/>	<input type="checkbox"/>	

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
Operation scrap in %
☐ Net ID
Fixed quantity
Component scrap (%)

General Data

☐ Co-product
AltItemGroup
Discontin. data
Reference point

☒ Recurs. allowed
☐ Recursive
☐ CAD Indicator
☐ ALE indicator

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.

Material BOM Edit Goto Extras Environment Settings System Help

Create material BOM: General Item Overview

Material Item (F7) 157 PEPSI STANDARD 355 ml AQS

Plant 1000 CCMC

Alternative BOM 2

Subitems New entries Header Validity

Material Document General

Item	ICt	Component	Component description	Quantity	Un	As	Sl	Valid From	Valid to
0010	L	P20457	PEPSI STANDARD 355 ml	1	EA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	19.04.2009	31.12.9999
0020	L	10018	Lacquer Spray	0.002	KG	<input type="checkbox"/>	<input type="checkbox"/>	19.04.2009	31.12.9999
0030						<input type="checkbox"/>	<input type="checkbox"/>		
0040						<input type="checkbox"/>	<input type="checkbox"/>		
0050						<input type="checkbox"/>	<input type="checkbox"/>		
0060						<input type="checkbox"/>	<input type="checkbox"/>		
0070						<input type="checkbox"/>	<input type="checkbox"/>		
0080						<input type="checkbox"/>	<input type="checkbox"/>		
0090						<input type="checkbox"/>	<input type="checkbox"/>		

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

Create material BOM: Item: All data

		Reference items			Subitems		Long Text	
--	--	-----------------	--	--	----------	--	-----------	--

Material	P20457	PEPSI STANDARD 355 ml AQS
Plant	1000	CCMC
Alternative BOM	2	

Basic Data	Status/Lng Text	Administr.	Document Assgmt
------------	------------------------	------------	-----------------

BOM Item	
Item Number	0010
Component	P20457 PEPSI STANDARD 355 ml AQS
Item Category	L Stock item
Item ID	

Item Text	
Line 1	
Line 2	

Item Status		Further Data	
<input type="checkbox"/> Engineering/design		Mat. Provision Ind.	<input type="checkbox"/>
<input checked="" type="checkbox"/> Production relevant		<input type="checkbox"/> Bulk Material	
<input type="checkbox"/> Plant maintenance		<input type="checkbox"/> Bulk Mat.Ind.Mat.Mst	
Spare part indicator	<input type="checkbox"/>	Prod. stor. location	<input type="checkbox"/>
Relevant to sales	<input type="checkbox"/>	Supply Area	<input type="checkbox"/>
CostingRelevncy	<input checked="" type="checkbox"/>		

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.

Created By: V.Rengarajan
 Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
 UPDATED :

Material BOM Edit Goto Extras Environment Settings System Help

Material BOM: General Item Overview

Material P20457 PEPSI STANDARD 355 ml AQS
 Plant 1000 CCMC
 Alternative BOM 2

Subitems New entries Header Validity

Material Document General

Item	ICt	Component	Component description	Quantity	Un	As	Sls	Valid From
0010	L	P20457	PEPSI STANDARD 355 ml	1	EA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	19.04.2009
0020	L	10018	Lacquer Spray	0.002	KG	<input type="checkbox"/>	<input type="checkbox"/>	19.04.2009
0030						<input type="checkbox"/>	<input type="checkbox"/>	
0040						<input type="checkbox"/>	<input type="checkbox"/>	
0050						<input type="checkbox"/>	<input type="checkbox"/>	
0060						<input type="checkbox"/>	<input type="checkbox"/>	

Save (Ctrl+S) view

Item Alternative Long Text BOM Long Text

Material P20457 PEPSI STANDARD 355 ml AQS
 Plant 1000 CCMC
 BOM INTERNAL
 Alternative BOM 2
 BOM Usage 1 Production
 Technical type M Multiple BOM
 BOM group

Quants/long txt Further data Admin. data Doc. assignment

BOM and alternative text

BOM text P20457 BOM
 Alt Text Rework BOM

Quantity data

Base quantity 1 EA
 From Lot Size To EA

Validity

Change Number
 Valid From 19.04.2009
 Deletion Indicator

BOM status 1
 Authorization group
 Deletion Flag

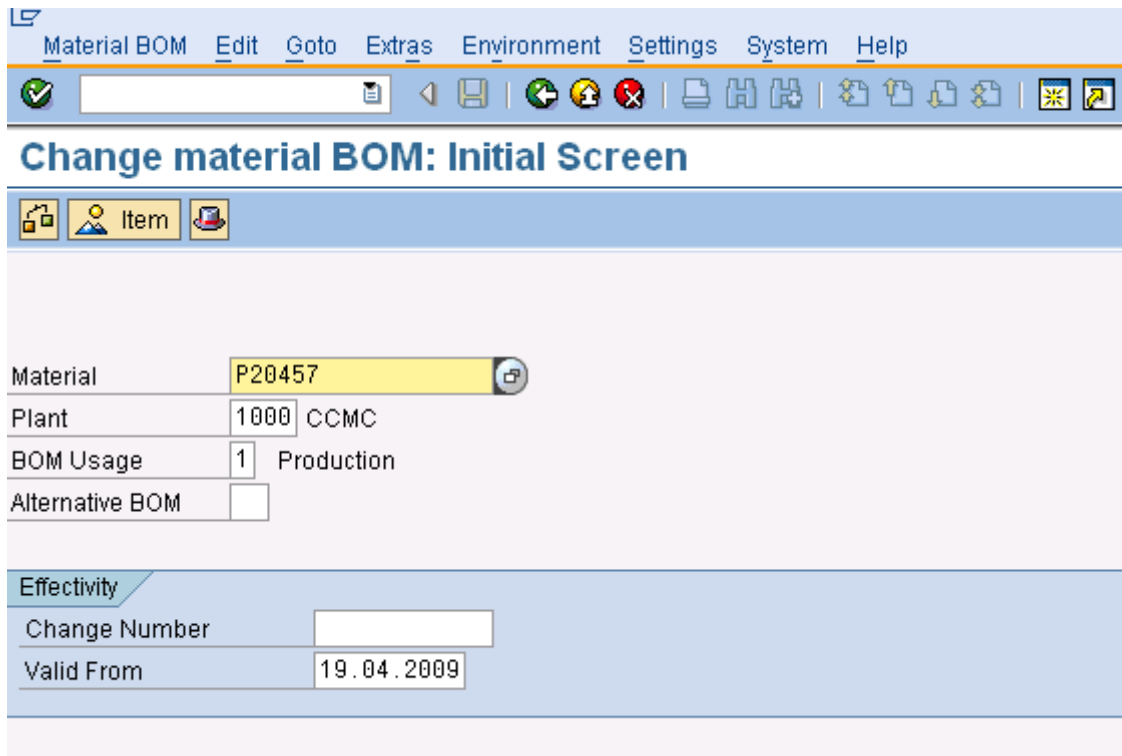
In Alt Text description, enter Rework BOM,
 And if necessary change the Base quantity and save.

Creating BOM for material P20457

The Bill of Material of the material is saved.

3.2.2 Bill of Material - Change

SAP R/3 Menu	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Master data</i> <input type="checkbox"/> Bills of Material <input type="checkbox"/> <i>Bill of Material</i> <input type="checkbox"/> <i>Material BOM</i> <input type="checkbox"/> <i>Change</i>
Transaction code	CS02



The screenshot shows the SAP CS02 'Change material BOM: Initial Screen'. The menu bar includes Material BOM, Edit, Goto, Extras, Environment, Settings, System, and Help. The toolbar contains various icons for navigation and actions. The main area has a title bar with 'Change material BOM: Initial Screen' and a toolbar with icons for 'Item' and 'Print'. Below the title bar, there are input fields for 'Material' (P20457), 'Plant' (1000 CCMC), 'BOM Usage' (1 Production), and 'Alternative BOM' (empty). At the bottom, there is a section for 'Effectivity' with fields for 'Change Number' (empty) and 'Valid From' (19.04.2009).

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



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Material BOM Edit Goto Extras Environment Settings System Help

Change material BOM: Alternative Overview

Item

BOM group: Plant 1000

BOM text: P20457 BOM

Material: P20457 PEPSI STANDARD 355 ml AQS

AltBOM	BOM St	DID	Alternative Text	Base quantity	BUn	From Lot Size	To L
1	1	<input type="checkbox"/>	Production BOM	7,410	EA	0	0
2	1	<input type="checkbox"/>	Rework BOM	1	EA	0	0
		<input type="checkbox"/>					
		<input type="checkbox"/>					
		<input type="checkbox"/>					
		<input type="checkbox"/>					
		<input type="checkbox"/>					
		<input type="checkbox"/>					
		<input type="checkbox"/>					
		<input type="checkbox"/>					

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

Material BOM Edit Goto Extras Environment Settings System Help

Change material BOM: General Item Overview

Subitems New entries Header Validity

Material: P20457 PEPSI STANDARD 355 ml AQS
Plant: 1000 CCMC
Alternative BOM: 1 Production BOM

Material Document General

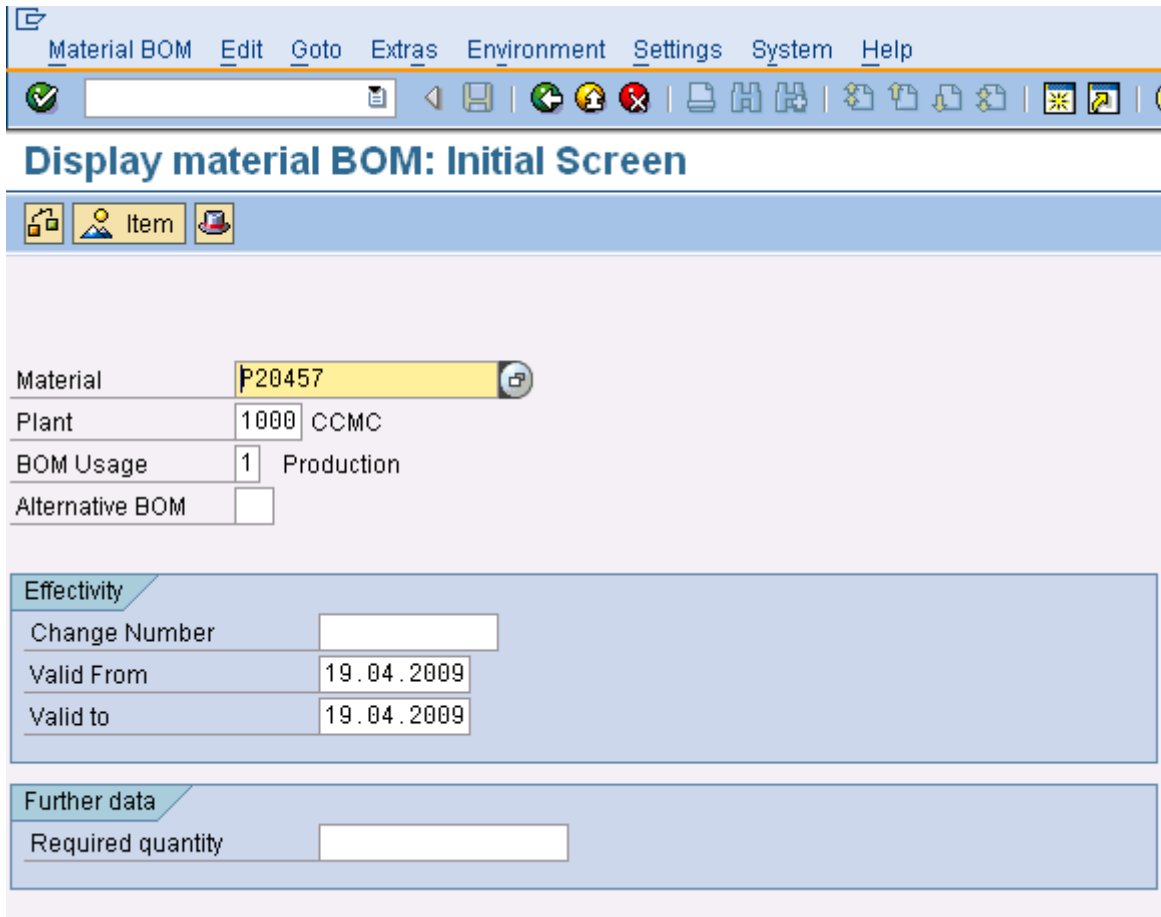
Item	ICt	Component	Component description	Quantity	Un	As	Sl	Valid From
0010	L	10000	Steel Tin Plate (1185 x 0.23)	229.554	KG			24.04.2009
0020	L	10001	Quakerol CLT-105 (Coolant/Lubricant)	0.408	KG			24.04.2009
0030	L	10002	Quakleen 607 AS (Washer Chemical)	0.126	KG			24.04.2009
0040	L	10003	Basecoat	3.616	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	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Master data</i> <input type="checkbox"/> Bills of Material <input type="checkbox"/> <i>Bill of Material</i> <input type="checkbox"/> <i>Material BOM</i> <input type="checkbox"/> Display
Transaction code	CS03



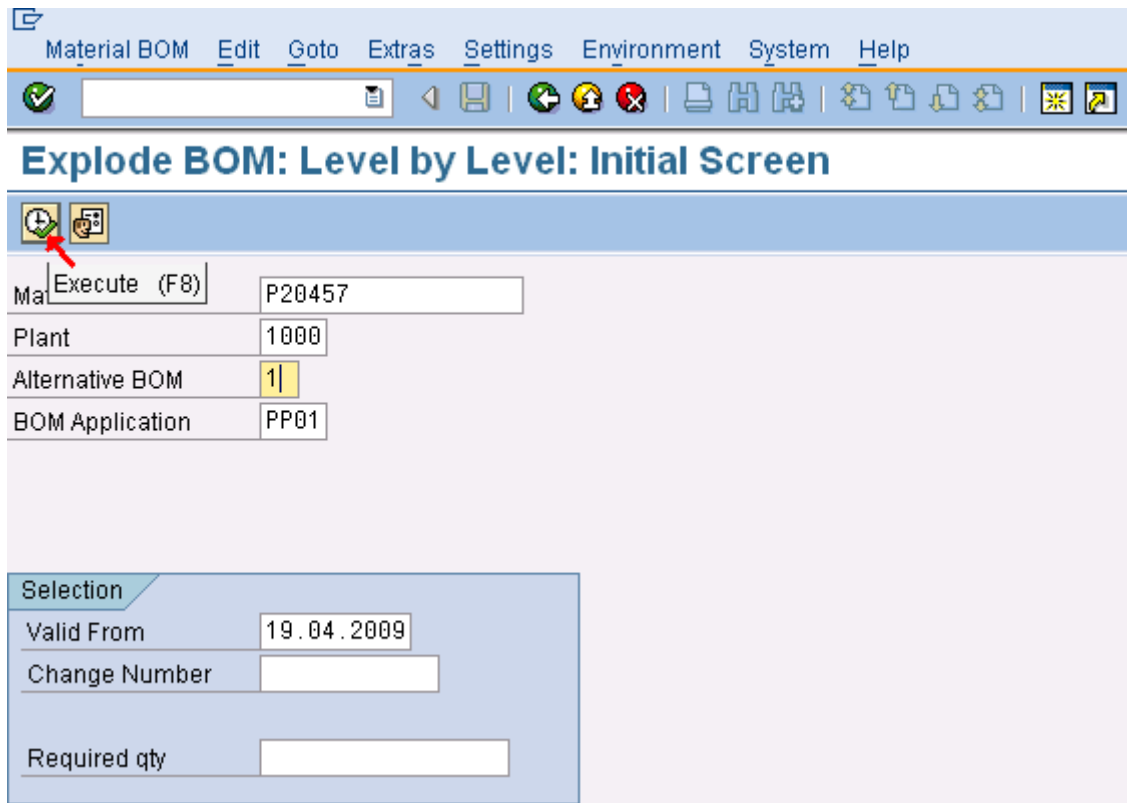
The screenshot shows the SAP 'Display material BOM: Initial Screen'. At the top is a menu bar with 'Material BOM', 'Edit', 'Goto', 'Extras', 'Environment', 'Settings', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main area contains input fields for 'Material' (P20457), 'Plant' (1000 CCMC), 'BOM Usage' (1 Production), and 'Alternative BOM'. Below these are sections for 'Effectivity' (Change Number, Valid From, Valid to) and 'Further data' (Required quantity).

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	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Master data</i> <input type="checkbox"/> <i>Bills of Material</i> <input type="checkbox"/> <i>Bill of Material</i> <input type="checkbox"/> <i>Reporting</i> <input type="checkbox"/> <i>BOM Explosion</i> <input type="checkbox"/> <i>Material BOM</i> <input type="checkbox"/> <i>BOM Level by Level</i>
Transaction code	CS11



The screenshot shows the SAP CS11 transaction interface. The title bar reads "Material BOM Edit Goto Extras Settings Environment System Help". The main window title is "Explode BOM: Level by Level: Initial Screen". Below the title bar, there is a toolbar with various icons. The main area contains the following fields:

- Ma**: Execute (F8) [P20457]
- Plant**: 1000
- Alternative BOM**: 1
- BOM Application**: PP01

At the bottom, there is a "Selection" section with the following fields:

- Valid From**: 19.04.2009
- Change Number**: [Empty]
- Required qty**: [Empty]

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

On selecting the options click on Execute push button.



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Material BOM Edit Goto Extras Settings Environment System Help

Display BOM Level by Level

Material P20457
Plant/Usage/Alt. 1000 / 1 / 01
Description PEPSI STANDARD 355 ml AQS
Base Qty (EA) 7,410
Reqd Qty (EA) 7,410

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

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.

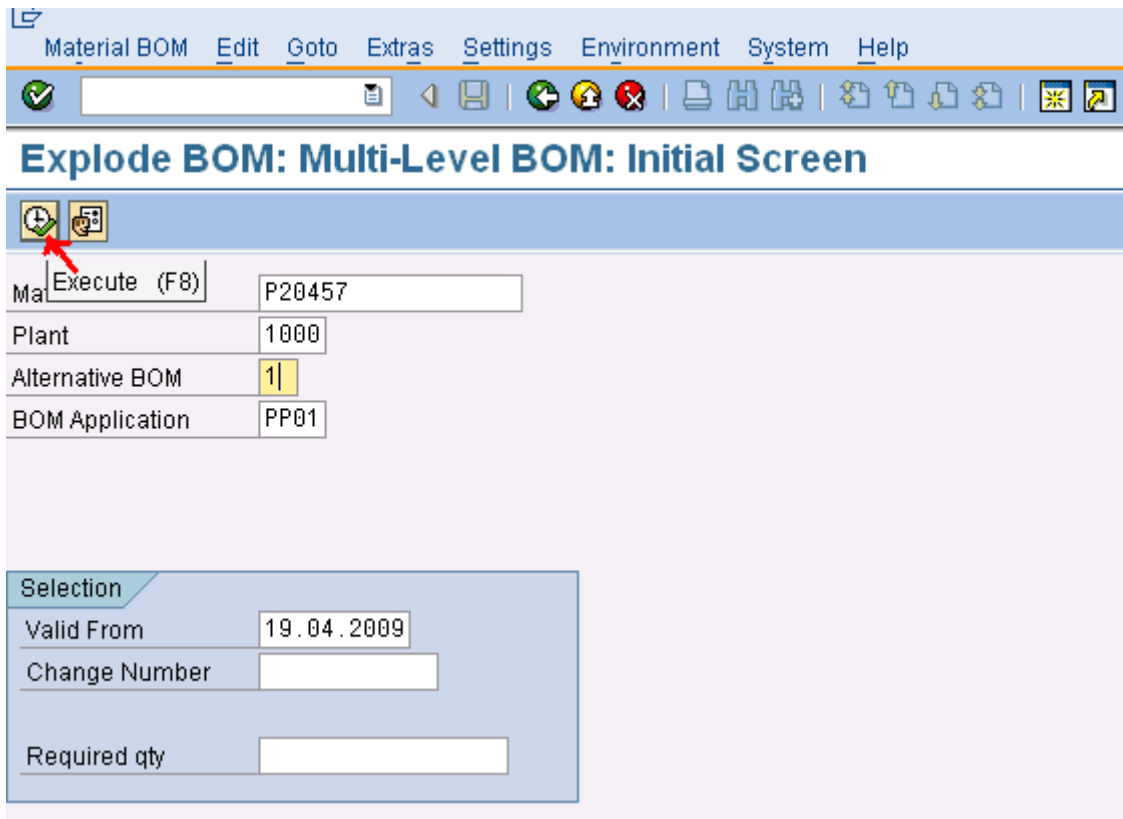
Where-used list:

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	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Master data</i> <input type="checkbox"/> <i>Bills of Material</i> <input type="checkbox"/> <i>Bill of Material</i> <input type="checkbox"/> <i>Reporting</i> <input type="checkbox"/> <i>BOM Explosion</i> <input type="checkbox"/> <i>Material BOM</i> <input type="checkbox"/> <i>Multilevel BOM</i>
Transaction code	CS12



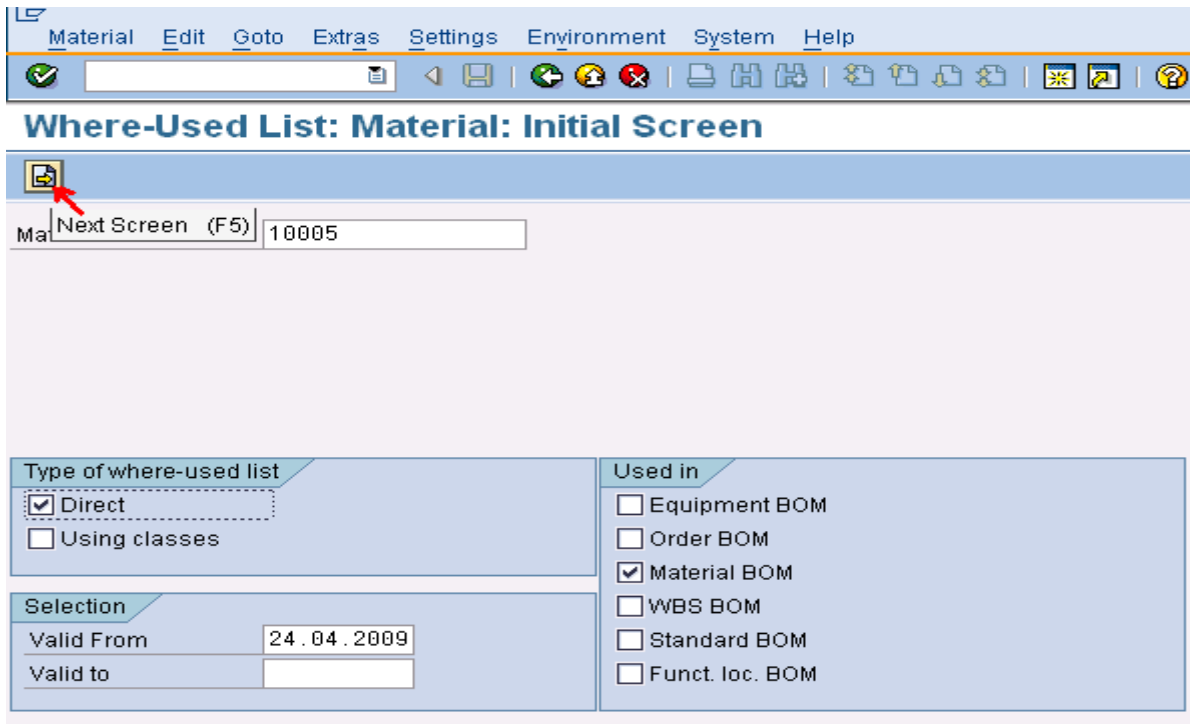
The screenshot shows the SAP 'Explode BOM: Multi-Level BOM: Initial Screen'. The interface includes a menu bar (Material BOM, Edit, Goto, Extras, Settings, Environment, System, Help) and a toolbar with various icons. The main area contains the following fields:

- Material (Ma):** P20457
- Plant:** 1000
- Alternative BOM:** 1
- BOM Application:** PP01
- Selection:**
 - Valid From:** 19.04.2009
 - Change Number:** (empty field)
 - Required qty:** (empty field)

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.

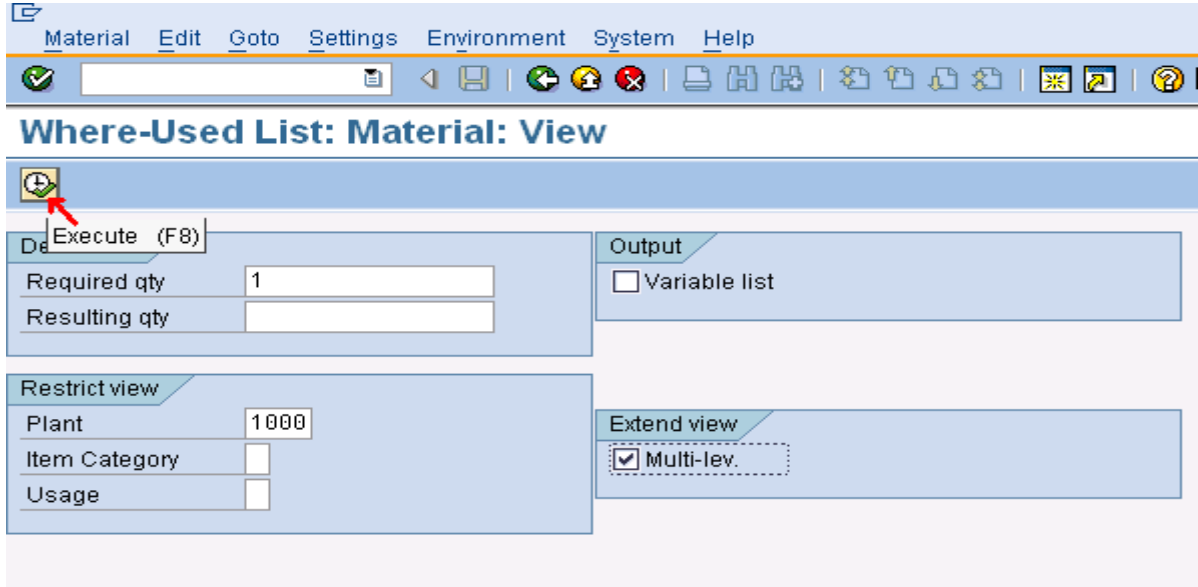
3.2.6 Bill of Material – Where used list

SAP R/3 Menu	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Master data</i> <input type="checkbox"/> Bills of Material <input type="checkbox"/> <i>Bill of Material</i> <input type="checkbox"/> <i>Reporting</i> <input type="checkbox"/> <i>Where-used List</i> <input type="checkbox"/> <i>Material</i>
Transaction code	CS15



The screenshot shows the SAP 'Where-Used List: Material: Initial Screen' window. The title bar includes menus: Material, Edit, Goto, Extras, Settings, Environment, System, Help. Below the title bar is a toolbar with various icons. The main area has a header 'Where-Used List: Material: Initial Screen'. Below this is a section with a 'Ma' label and a 'Next Screen (F5)' button, followed by a text field containing '10005'. The main content area is divided into two columns. The left column is titled 'Type of where-used list' and contains two options: 'Direct' (checked with a tick mark) and 'Using classes' (unchecked). The right column is titled 'Used in' and contains six options: 'Equipment BOM' (unchecked), 'Order BOM' (unchecked), 'Material BOM' (checked with a tick mark), 'WBS BOM' (unchecked), 'Standard BOM' (unchecked), and 'Funct. loc. BOM' (unchecked). At the bottom left, there is a 'Selection' section with two fields: 'Valid From' (containing '24.04.2009') and 'Valid to' (empty).

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



Where-Used List: Material: View

Execute (F8)

Required qty: 1

Resulting qty:

Restrict view

Plant: 1000

Item Category:

Usage:

Output

☐ Variable list

Extend view

☒ Multi-lev.

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

Material Where-Used List

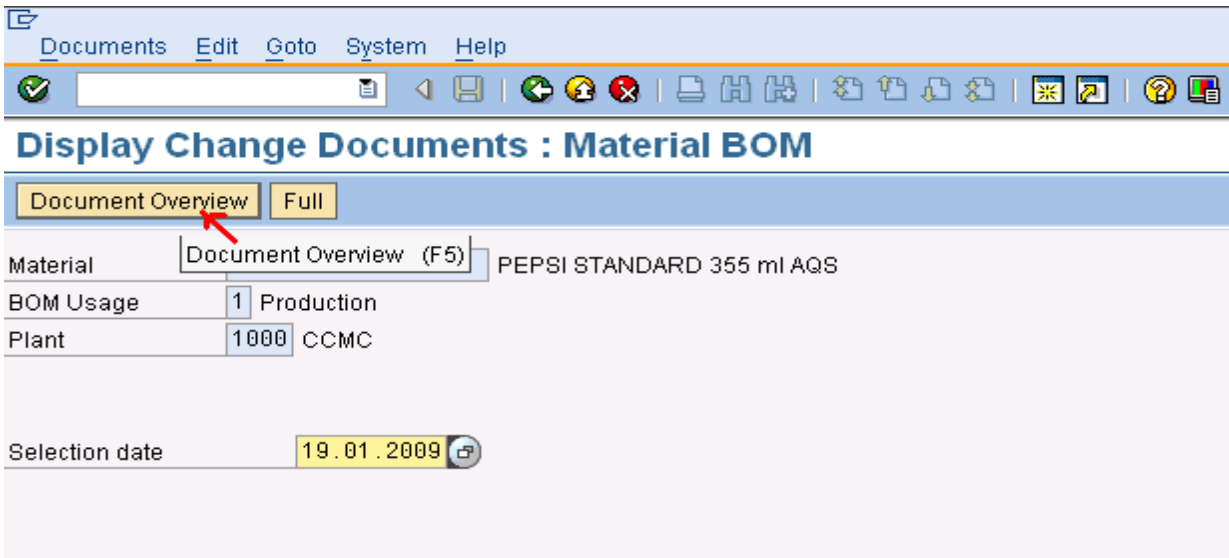
Material 10005 Description Lacquer Spray Key date 24.04.2009												
Lv	U	Plant	Ob...	Component number	Alt.	Item	R	Required quantity	Un	R	Resulting qty	B...
1	1	1000		I01060		0060		1.000	KG		609.378	EA
1	1	1000		I01061		0060		1.000	KG		609.378	EA
1	1	1000		I01062		0060		1.000	KG		609.378	EA
1	1	1000		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 <input type="checkbox"/> Production <input type="checkbox"/> Master data <input type="checkbox"/> Bills of Material <input type="checkbox"/> Bill of Material <input type="checkbox"/> Reporting <input type="checkbox"/> Change Documents <input type="checkbox"/> Material BOM
Transaction code	CS80

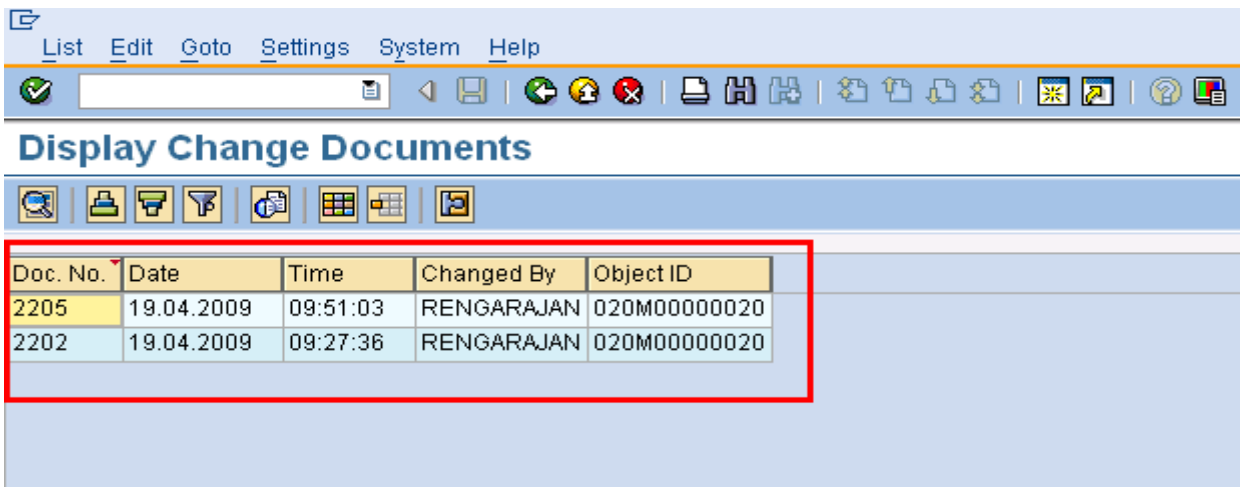


The screenshot shows the SAP 'Display Change Documents: Material BOM' screen. The 'Document Overview' button is highlighted with a red arrow. The 'Material' field contains 'PEPSI STANDARD 355 ml AQS'. The 'BOM Usage' field is set to '1 Production'. The 'Plant' field is set to '1000 CCMC'. The 'Selection date' is '19.01.2009'.

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.



The screenshot shows the 'Display Change Documents' screen with a table of change documents. The table has columns: Doc. No., Date, Time, Changed By, and Object ID. Two documents are listed: 2205 and 2202, both dated 19.04.2009 and changed by RENGARAJAN.

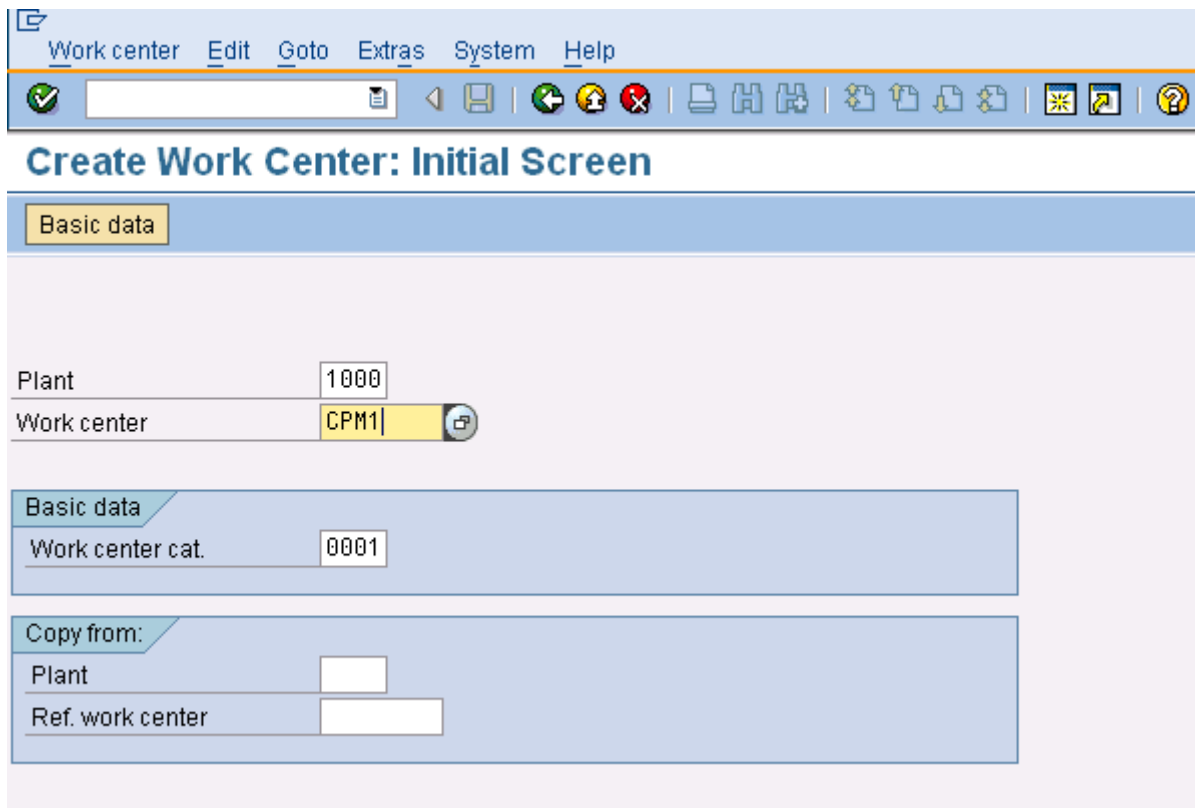
Doc. No.	Date	Time	Changed By	Object ID
2205	19.04.2009	09:51:03	RENGARAJAN	020M00000020
2202	19.04.2009	09:27:36	RENGARAJAN	020M00000020

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 <input type="checkbox"/> Production <input type="checkbox"/> Master Data <input type="checkbox"/> Work Centers <input type="checkbox"/> Work Center <input type="checkbox"/> Create
Transaction code	CR01



The screenshot shows the SAP CR01 - Create Work Center: Initial Screen. The menu bar includes Work center, Edit, Goto, Extras, System, and Help. The toolbar contains various icons for navigation and actions. The main area is divided into sections:

- Basic data** (highlighted in yellow):
 - Plant: 1000
 - Work center: CPM1 (with a copy icon)
- Basic data** (highlighted in blue):
 - Work center cat.: 0001
- Copy from:** (highlighted in blue):
 - Plant: (empty field)
 - Ref. work center: (empty field)

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:

Create Work Center: Basic Data


 Template

Plant CCMC
 Work center






Basic Data | Default Values | Capacities | Scheduling | Costing | Technology

General Data

Work center cat. Machine
 Person responsible CCMC Production Manager
 Location
 QDR system
 Supply Area
 Usage All task list types
☐ Backflush
 Shift Note Type
 Shift Report Type

Standard Value Maintenance

Standard value key CCMC SVK 1
 Standard Values Overview

Key Word	Rule for Maint.	Ke...	Description
Setup	no checking		
Machine	no checking		
Labor	no checking		
			
			

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:

Create Work Center: Default Values

HRMS Hierarchy Template

Plant 1000 CCMC
 Work center CPM1 Cupper Machine-Line 1

Basic Data Default Values Capacities Scheduling Costing Technology

Operation default values

Control key CC02 ☒ RefID CCMC In-house production + Mileston
 Standard text key ☐ RefID
 Suitability ☐ RefID
 Setup Type Key ☐ RefID
 Wage Type ☐ RefID
 Wage group ☐ RefID
 No. of Time Tickets ☐ RefID
 No. confirm. slips ☐ RefID Printer





Units of measure of standard values

Parameter	St	Unit Name
Setup	MIN	Minute
Machine	MIN	Minute
Labor		

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:

Create Work Center: Capacity Overview






 HRMS
  Hierarchy
  Template





Plant: 1000 CCMC
 Work center: CPM1 Cupper Machine-Line 1

Basic Data | Default Values | **Capacities** | Scheduling | Costing | Technology

Overview

Capacity category: 001 Machine

Pooled capacity		Control CapacityReduction
Setup formula	SAP005 	Prod: Setup rqmts 0 Formula-Related 
Processing formula	SAP006	Prod.: Machine rqmts 0 Formula-Related 
Teardown formula		0 Formula-Related 
Other formula		
Distribution		
Int. dist. key		


 Capacity
  Form.
  Formu...
 Formula constnts
 ActCapReqmnts

Capa. header data

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.



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017
Created : 5-Feb-17
UPDATED :

In Capacity Header screen:

Work center Edit Goto Extras System Help

Change Work Center Capacity: Header

Intervals and Shifts Intervals Available Capacity Profile Reference Available Capacity

Plant 1000 CCMC
Work center CPM1 Copper Machine-Line 1
Capacity category 001 Copper Machine Capacity-Line 1

General data

Capacity planner grp 001 CCMC Capacity Planner
Grouping 11
☐ Pooled capacity

Available capacity

Factory calendar ID C1 CCMC -Factory Calendar.
Active version
Base unit of meas. H Hour

Standard available capacity

Start 07:00:00
Finish 07:00:00
Length of breaks 00:00:00
Operating time 24,00
Capacity utilization 100
No. of indiv. cap. 1
Capacity 24,00 H

Planning details

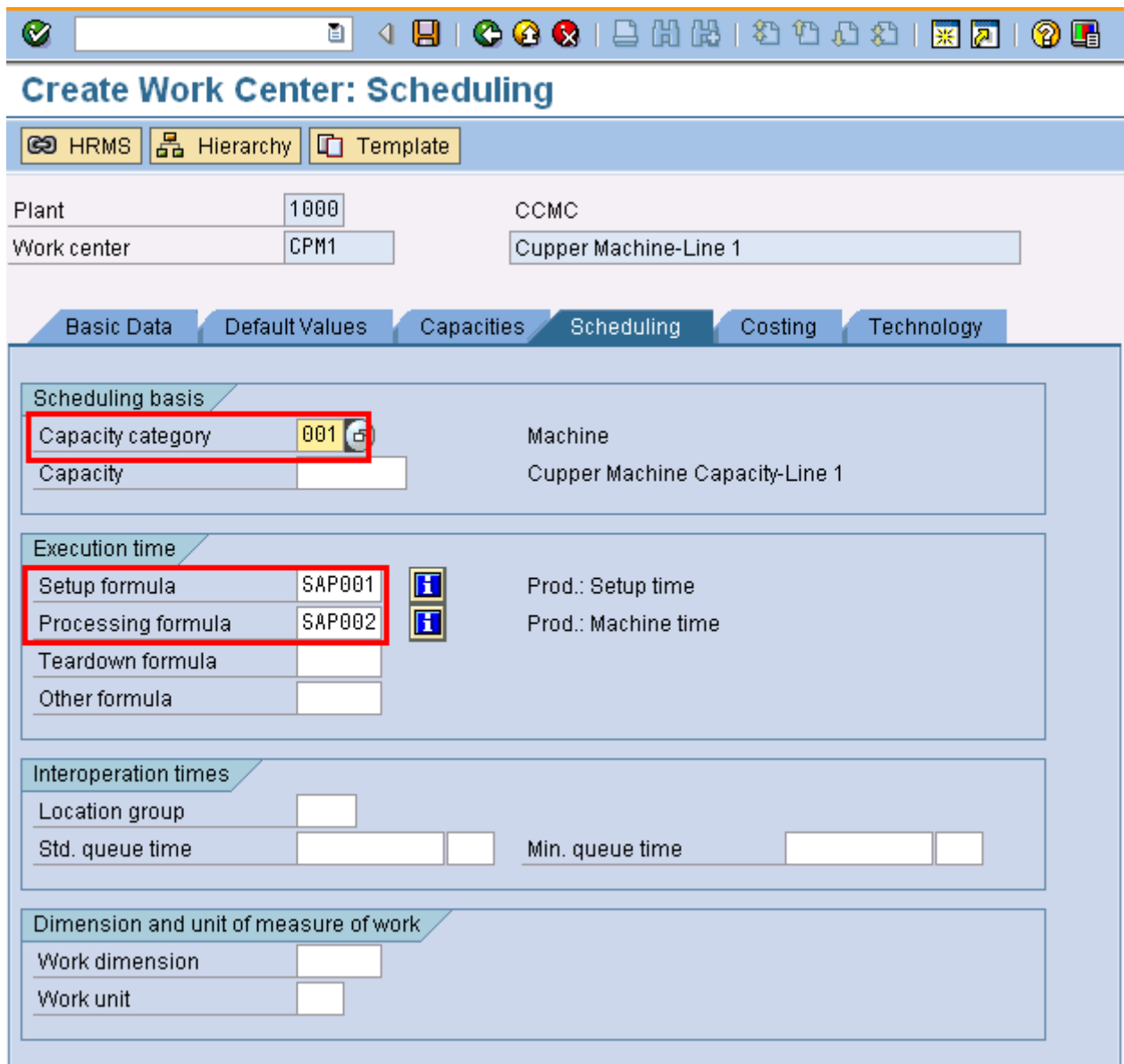
☒ Relevant to finite scheduling Overload %
☐ Can be used by several operations ☒ Long-term planning

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:




Create Work Center: Scheduling

HRMS | Hierarchy | Template



Plant: 1000 | CCMC
 Work center: CPM1 | Cupper Machine-Line 1

Basic Data | Default Values | Capacities | **Scheduling** | Costing | Technology

Scheduling basis

Capacity category: 001  Machine
 Capacity: Cupper Machine Capacity-Line 1

Execution time

Setup formula: SAP001  Prod.: Setup time
 Processing formula: SAP002  Prod.: Machine time
 Teardown formula:
 Other formula:

Interoperation times

Location group:
 Std. queue time: Min. queue time:

Dimension and unit of measure of work

Work dimension:
 Work unit:

Enter the Capacity category – 001 Machine

Setup formula – SAP001

Processing formula – SAP002

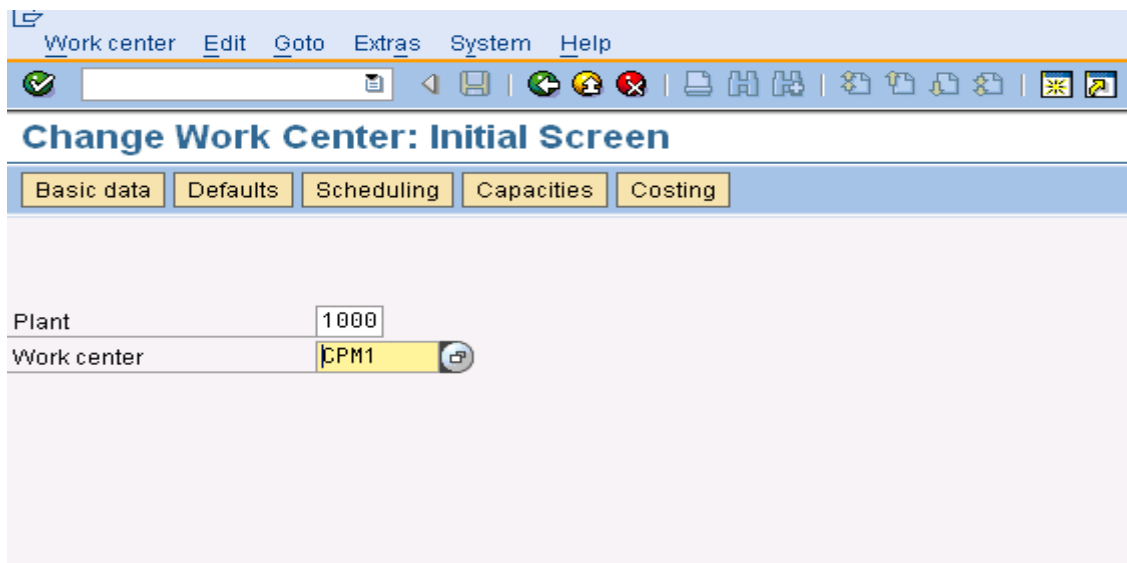
In Costing Tab:

Screen shot

✓ Work center CPM1 in plant 1000 was created

3.3.2 Work Center - Change

SAP R/3 Menu	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Master Data</i> <input type="checkbox"/> <i>Work Centers</i> <input type="checkbox"/> <i>Work Center</i> <input type="checkbox"/> <i>Change</i>
Transaction code	CR02



The screenshot shows the SAP 'Change Work Center: Initial Screen' window. The title bar includes 'Work center', 'Edit', 'Goto', 'Extras', 'System', and 'Help'. Below the title bar is a toolbar with various icons. The main area has a tabbed interface with 'Basic data', 'Defaults', 'Scheduling', 'Capacities', and 'Costing'. The 'Basic data' tab is active, showing fields for 'Plant' (1000) and 'Work center' (CPM1). A 'Save' icon is visible next to the 'Work center' field.

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	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Master Data</i> <input type="checkbox"/> <i>Work Centers</i> <input type="checkbox"/> <i>Work Center</i> <input type="checkbox"/> <i>Display</i>
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	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Master Data</i> <input type="checkbox"/> <i>Work Centers</i> <input type="checkbox"/> <i>Work Center</i> <input type="checkbox"/> <i>Reporting</i> <input type="checkbox"/> <i>Work Center list</i>
Transaction code	CR05

Program Edit Goto System Help

Work Center List

Plant 1000 to

Work Center to

Work Center Category to

Storage Loc. Storage Resource to

Selection by Hierarchy

☐ Expand Hierarchy

Plant of Hierarchy

Name of Hierarchy

Number of Levels

Person Responsible to

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



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

List Edit Goto System Help

Work Center List

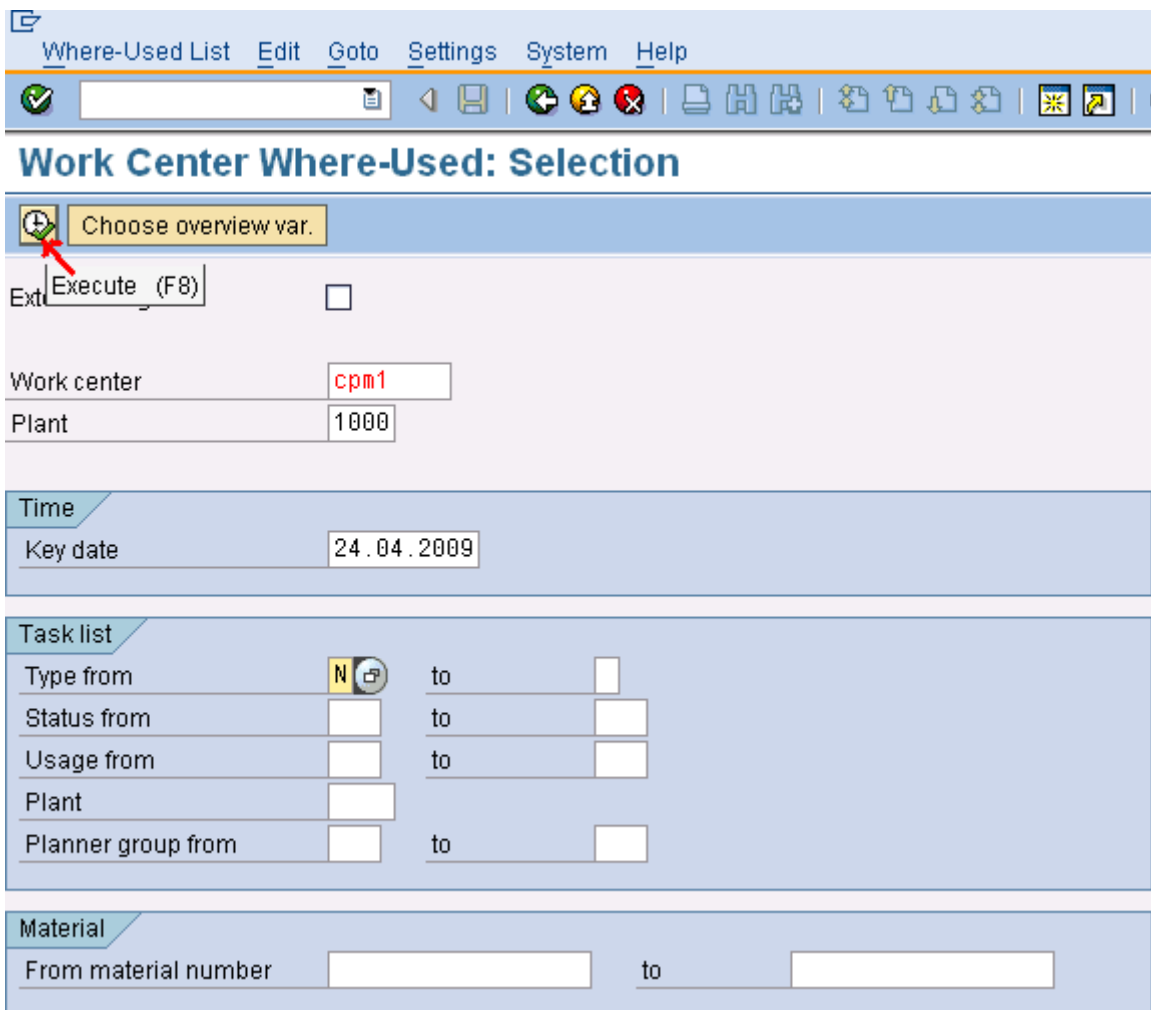
Wor Choose (F2) st

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	Copper Machine-Line 1	
CPM2	1000	0001	PM1	Copper Machine-Line 2	
DP01	1000	0001	PM1	Decorator & Pin Oven - Line 1	
DP02	1000	0001	PM1	Decorator & Pin Oven - Line 2	
LSM1-1	1000	0001	PM1	Lacquer Spray & IB0 (1st Pass) - Line 1	
LSM1-2	1000	0001	PM1	Lacquer Spray & IB0 (1st Pass) - Line 2	
LSM2-1	1000	0001	PM1	Lacquer Spray & IB0 (2nd Pass) - Line 1	
LSM2-2	1000	0001	PM1	Lacquer Spray & IB0 (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	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Master Data</i> <input type="checkbox"/> <i>Work Centers</i> <input type="checkbox"/> <i>Work Center</i> <input type="checkbox"/> <i>Reporting</i> <input type="checkbox"/> <i>Where used</i> <input type="checkbox"/> <i>Work Center</i>
Transaction code	CA80



The screenshot shows the SAP CA80 transaction interface. At the top, there is a menu bar with 'Where-Used List', 'Edit', 'Goto', 'Settings', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main title is 'Work Center Where-Used: Selection'. Below the title, there is a section for 'Choose overview var.' with a dropdown menu. To the right of this section is an 'Execute (F8)' button. Below the 'Execute (F8)' button, there are input fields for 'Work center' (containing 'cpm1') and 'Plant' (containing '1000'). Below these fields, there is a 'Time' section with a 'Key date' field (containing '24.04.2009'). Below the 'Time' section, there is a 'Task list' section with several input fields: 'Type from' (containing 'N'), 'Status from', 'Usage from', 'Plant', and 'Planner group from'. Each of these fields has a corresponding 'to' field. Below the 'Task list' section, there is a 'Material' section with 'From material number' and 'to' fields.

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



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Where-Used List Edit Goto System Help

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

Choose Details Log

Variable overviews: Overview variant (1) 2 Entries found

Restrictions

Application: RESS
Subapplication: PLN

Overview var	Description
L000000000050	WrkCntr Mat, Hdr, Seq, Op, SubOp
L000000000060	Rtg, Hdrs, Seq, Op, SubOp

Enter overview variant

Overview var. ☒

☒ ☐

In the Overview variant, select L000000000060 and click continue

Where-Used List Edit Goto System Help

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

Choose Details Log

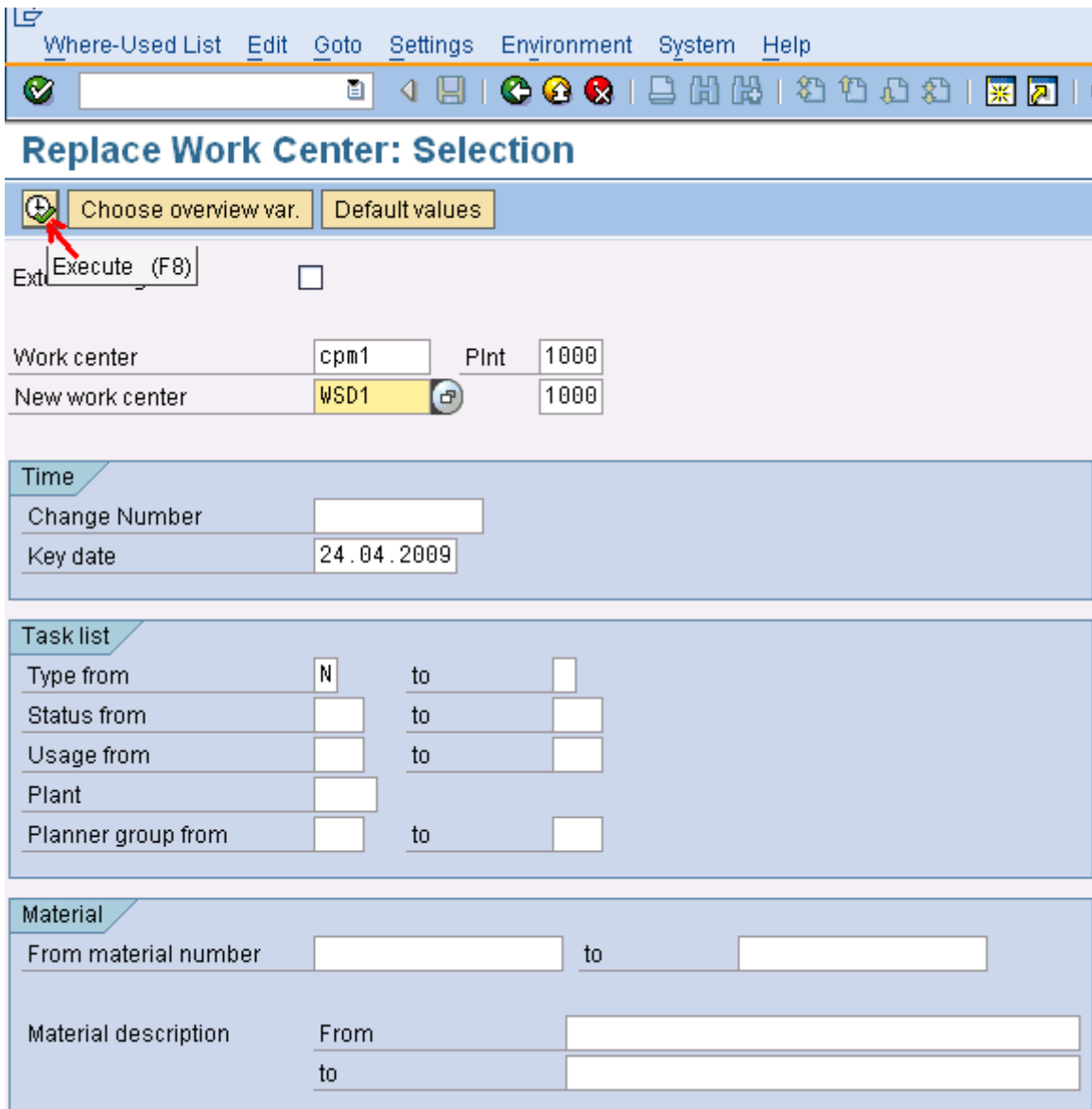
Work center CPM1 1000 Copper Machine-Line 1

T	Plnt	Group	Gr	Valid From	Status	Usage	PlGr	Task list description
OpAc				Valid From	Valid to		Ctrl	StTextK
<input checked="" type="checkbox"/>		Material P20457		Plant1000				
<input type="checkbox"/>	N 1000	500000000	1	24.04.2009	4	1		Line 1
<input type="checkbox"/>		Seq. 0		24.04.2009				
<input type="checkbox"/>		0010		24.04.2009	31.12.9999		CC02	
<input type="checkbox"/>		Material P20553		Plant1000				
<input type="checkbox"/>	N 1000	500000001	1	24.04.2009	4	1		Line 1
<input type="checkbox"/>		Seq. 0		24.04.2009				
<input type="checkbox"/>		0010		24.04.2009	31.12.9999		CC02	
<input type="checkbox"/>		Material P23354		Plant1000				
<input type="checkbox"/>	N 1000	500000002	1	24.04.2009	4	1		Line 1
<input type="checkbox"/>		Seq. 0		24.04.2009				
<input type="checkbox"/>		0010		24.04.2009	31.12.9999		CC02	
<input type="checkbox"/>		Material P23355		Plant1000				
<input type="checkbox"/>	N 1000	500000003	1	24.04.2009	4	1		Line 1
<input type="checkbox"/>		Seq. 0		24.04.2009				
<input type="checkbox"/>		0010		24.04.2009	31.12.9999		CC02	
<input type="checkbox"/>		Material P22541		Plant1000				
<input type="checkbox"/>	N 1000	500000004	1	24.04.2009	4	1		Line 1
<input type="checkbox"/>		Seq. 0		24.04.2009				
<input type="checkbox"/>		0010		24.04.2009	31.12.9999		CC02	
<input type="checkbox"/>		Material P22550		Plant1000				
<input type="checkbox"/>	N 1000	500000005	1	24.04.2009	4	1		Line 1
<input type="checkbox"/>		Seq. 0		24.04.2009				
<input type="checkbox"/>		0010		24.04.2009	31.12.9999		CC02	
<input type="checkbox"/>		Material M35501		Plant1000				
<input type="checkbox"/>	N 1000	500000006	1	24.04.2009	4	1		Line 1
<input type="checkbox"/>		Seq. 0		24.04.2009				
<input type="checkbox"/>		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 <input type="checkbox"/> Production <input type="checkbox"/> Master Data <input type="checkbox"/> Work Centers <input type="checkbox"/> Work Center <input type="checkbox"/> Replace
Transaction code	CA85



The screenshot shows the SAP CA85 transaction interface. At the top, there is a menu bar with options: Where-Used List, Edit, Goto, Settings, Environment, System, and Help. Below the menu bar is a toolbar with various icons. The main title is "Replace Work Center: Selection". Below the title, there are two buttons: "Choose overview var." and "Default values". A red arrow points to the "Execute (F8)" button. The form contains several input fields and checkboxes. The "Work center" field is set to "cpm1" and the "Plant" field is set to "1000". The "New work center" field is set to "WSD1" and the "Plant" field is set to "1000". There is a "Time" section with "Change Number" and "Key date" (24.04.2009). There is a "Task list" section with "Type from" (N) and "to" (). There is a "Material" section with "From material number" and "to" ().

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

Where-Used List Edit Goto Settings Environment System Help

Replace Wrk Cntr "CPM1" "1000" with "WSD1" "1000": Sel.Result

Default values Replace work center Choose Details Log

Work center CPM1 1000 Replace work center (F8)

T	Plnt	Group	Gr	Valid From	Status	Usage	PlGr	Task list description
OpAc				Valid From	Valid to		Ctrl	StTextK
Material P20457 Plant1000								
<input type="checkbox"/>	N	1000	500000000	1	24.04.2009	4	1	Line 1
<input type="checkbox"/>	Seq.	0			24.04.2009			
<input checked="" type="checkbox"/>	0010				24.04.2009	31.12.9999	CC02	
Material P20553 Plant1000								
<input type="checkbox"/>	N	1000	500000001	1	24.04.2009	4	1	Line 1
<input type="checkbox"/>	Seq.	0			24.04.2009			
<input type="checkbox"/>	0010				24.04.2009	31.12.9999	CC02	
Material P23354 Plant1000								
<input type="checkbox"/>	N	1000	500000002	1	24.04.2009	4	1	Line 1
<input type="checkbox"/>	Seq.	0			24.04.2009			
<input type="checkbox"/>	0010				24.04.2009	31.12.9999	CC02	
Material P23355 Plant1000								
<input type="checkbox"/>	N	1000	500000003	1	24.04.2009	4	1	Line 1
<input type="checkbox"/>	Seq.	0			24.04.2009			
<input type="checkbox"/>	0010				24.04.2009	31.12.9999	CC02	
Material P22541 Plant1000								
<input type="checkbox"/>	N	1000	500000004	1	24.04.2009	4	1	Line 1
<input type="checkbox"/>	Seq.	0			24.04.2009			
<input type="checkbox"/>	0010				24.04.2009	31.12.9999	CC02	
Material P22550 Plant1000								
<input type="checkbox"/>	N	1000	500000005	1	24.04.2009	4	1	Line 1
<input type="checkbox"/>	Seq.	0			24.04.2009			
<input type="checkbox"/>	0010				24.04.2009	31.12.9999	CC02	
Material M35501 Plant1000								
<input type="checkbox"/>	N	1000	500000006	1	24.04.2009	4	1	Line 1

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 <input type="checkbox"/> Production <input type="checkbox"/> Master Data <input type="checkbox"/> Routings <input type="checkbox"/> Routings <input type="checkbox"/> Standard Routings <input type="checkbox"/> Create
Transaction code	CA01



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Routing Edit Goto Details Extras Environment System Help

Create Routing: Initial Screen

Material P20457

Plant 1000

Sales Document Sales Document Item

WBS Element

Group

Validity

Change Number

Key date 24.04.2009

Revision Level

Additional criteria for task list selection

Plant

Group counter

Task list status

Planner Group

Additional data

Profile

Fill the material and plant fields and press enter.



شركة إنتاج صناديق العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Create Routing: Header Details

Routings MatlAssignment Sequences Operations CompAlloc			
Material P20457 PEPSI STANDARD 355 ml AQS			
Task list			
Group	500000000		
Group Counter	1	Line 1	
Plant	1000	<input type="checkbox"/> Long text exists	
Production line			
Line hierarchy			
General data			
<input type="checkbox"/> Deletion flag			
Usage	1	Production	
Status	4	Released (general)	
Planner group			
Planning work center			
CAPP order			
From Lot Size	1	To lot size	99,999,999 EA
Old task list no.			
Parameters for dynamic modification/inspection points			
Insp. Points			
Partial-lot assign.	Partial lot assignment according to plant default		
Sample-drawing proc.			
Dynamic mod. level			
Modification rule			

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.



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Routing Edit Goto Details Extras Environment System Help

Create Routing: Operation Overview

Material P20457 PEPSI STANDARD 355 ml AQS Grp.Count1

Sequence 0

Op	SOp	Work ce	Plnt	Co	Standard	Description	Lo	F
0010		CPM1	1000	CC02		Cupper Process	<input type="checkbox"/>	
0020		BMT1	1000	CC01		Body maker Process	<input type="checkbox"/>	
0030		WSD1	1000	CC01		Washing Process	<input type="checkbox"/>	
0040		BCP1	1000	CC01		Base Coating Process	<input type="checkbox"/>	
0050		DP01	1000	CC01		Decorator	<input type="checkbox"/>	
0060		LSM1 - 1	1000	CC01		Lacquer spray 1	<input type="checkbox"/>	
0070		NFR1	1000	CC01		Necker and Flanger Process	<input type="checkbox"/>	
0080		BLM1	1000	CC01		Bottom Lacquer spray	<input type="checkbox"/>	
0090		LSM2 - 1	1000	CC02		Lacquer spray 2	<input type="checkbox"/>	
0100		PLT1	1000	CC02		Palletizer 1	<input type="checkbox"/>	
0110			1000				<input type="checkbox"/>	



Inspection Characteristics

	Cl	O	Pe	C	Su	Base Quantity	U	Setup	Unit	Activity	Machine	Unit	Activity
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		76	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		76	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		76	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		76	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		76	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		76	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		76	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		76	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		76	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		76	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1	EA						

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.

Routing Edit Goto Details Extras Environment System Help

Routing Create : Operation Overview

Material P20457 PEPSI STANDARD 355 ml AQS Grp.Cou Comp.alloc. - gen. (F7)

Sequence 0

Operation Overv.

Op	SOp	Work ce	Plnt	Co	Standard	Description	Lo	P	Cl	O
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		DP01	1000	CC01		Decorator				

In the tool bar click, Component Allocation tab,

Routing Create : Material Component Overview

Material P20457 1000 New Assignment (F5) 5 ml AQS

Group 500000000 Sequence 0 Line 1

BOM 00000007 Alt.BOM 1 Production BOM

Item Overview

P	Le	Path	It	Component	Quantity	Sort String	U	It	B	Oper
	0	0	0010	10000	229.554		KG	L		0010
	0	0	0020	10001	0.408		KG	L		0010
	0	0	0030	10002	0.126		KG	L		0010
	0	0	0040	10003	3.616		KG	L		0010
	0	0	0050	10004	0.245		KG	L		0010
	0	0	0060	10005	13.034		KG	L		0010
	0	0	0070	10006	0.018		KG	L		0010
	0	0	0080	10007	3.036		KG	L		0010
	0	0	0090	10008	0.028		KG	L		0010
	0	0	0100	10009	0.274		KG	L		0010
	0	0	0110	50000	34.086		M	L		0010
	0	0	0120	50001	35.939		M	L		0010
	0	0	0130	50002	19		EA	L		0010
	0	0	0140	8504	31.500-		KG	L		0090

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 <input type="checkbox"/> Production <input type="checkbox"/> Master Data <input type="checkbox"/> Routings <input type="checkbox"/> Routings <input type="checkbox"/> Standard Routings <input type="checkbox"/> Change
Transaction code	CA02

Routing Edit Goto Details Extras Environment System Help

Change Routing: Initial Screen

Material: P20457
Plant: 1000
Sales Document: Sales Document Item:
WBS Element:
Group:

Validity

Change Number:
Key date: 24.04.2009
Revision Level:

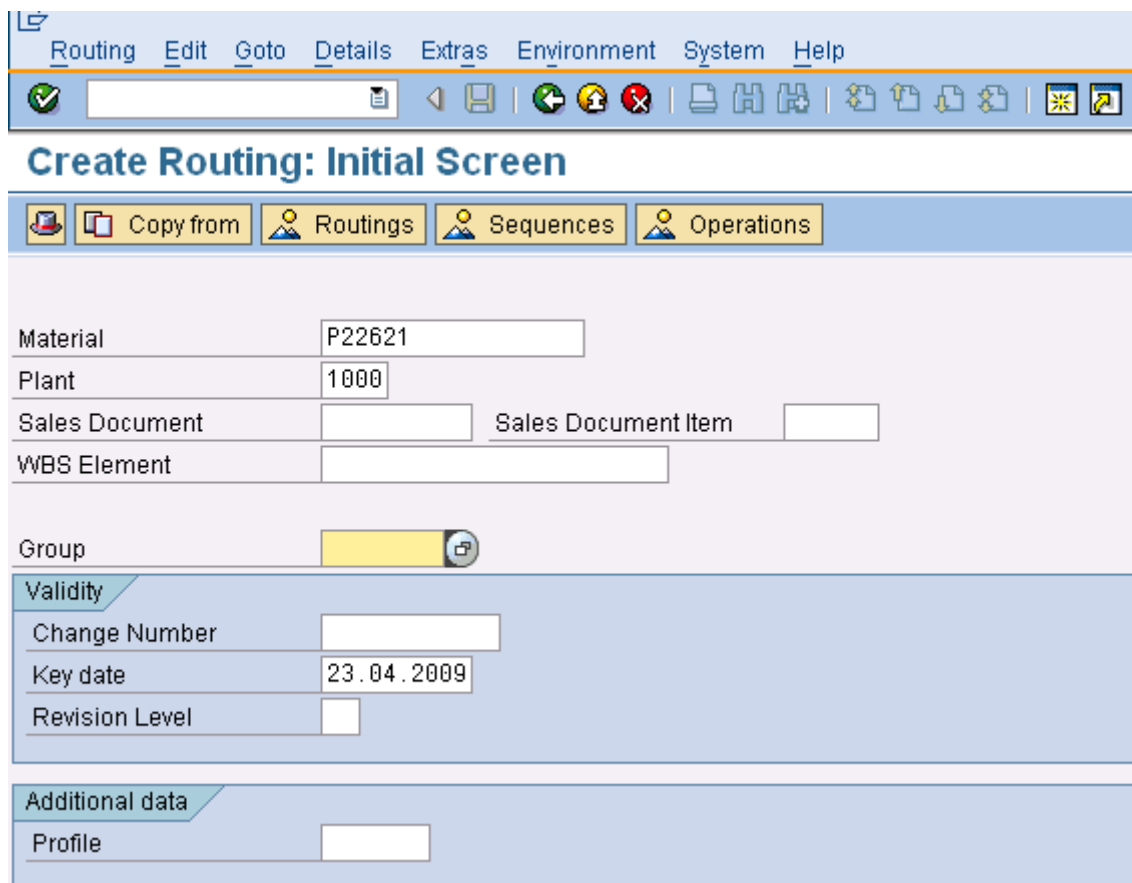
Additional criteria for task list selection

Plant:
Group counter:
Task list status:
Planner Group:


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	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Master Data</i> <input type="checkbox"/> <i>Routings</i> <input type="checkbox"/> <i>Routings</i> <input type="checkbox"/> <i>Standard Routings</i> <input type="checkbox"/> <i>Create</i>
Transaction code	CA01



The screenshot shows the SAP CA01 - Create Routing: Initial Screen. The menu bar includes Routing, Edit, Goto, Details, Extras, Environment, System, and Help. The toolbar contains various icons for navigation and actions. The main form fields are as follows:

Material	P22621		
Plant	1000		
Sales Document		Sales Document Item	
WBS Element			
Group			
Validity			
Change Number			
Key date	23.04.2009		
Revision Level			
Additional data			
Profile			

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

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



Created : 5-Feb-17
UPDATED :

57



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Create Routing: Header Details

Material	P22621 PEPSI SPRAY PAINT PROMO 355 ML AQS
Task list	
Group	50000010
Group Counter	2
Plant	1000
Line 2	
<input type="checkbox"/> Long text exists	
Production line	
Line hierarchy	
General data	
<input type="checkbox"/> Deletion flag	
Usage	1
Status	4
Planner group	
Planning work center	
CAPP order	
From Lot Size	1
To lot size	99,999,999
Old task list no.	
Parameters for dynamic modification/inspection points	
Insp. Points	
Partial-lot assign.	Partial lot assignment according to plant default
Sample-drawing proc.	
Dynamic mod. level	
Modification rule	

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.

Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017	Created : 5-Feb-17 UPDATED :
----------	---------------------------------

Create Routing: Operation Overview

Material P22621 PEPSI SPRAY PAINT PROMO 355 ML AQS Grp.Count2

Sequence 0

Op...	SOp	Work ce...	PInt	Co...	Standard	Description	Lo...
0010		CPM2	1000	CC02		Cupper Process	<input type="checkbox"/>
0020		BMT2	1000	CC01		Base Coating Process	<input type="checkbox"/>
0030		WSD2	1000	CC01		Washing Process	<input type="checkbox"/>
0040		BCP2	1000	CC01		Base Coating Process	<input type="checkbox"/>
0050		DP02	1000	CC01		Decorator	<input type="checkbox"/>
0060		LSM1 - 2	1000	CC01		Lacquer spray 1	<input type="checkbox"/>
0070		NFR2	1000	CC01		Necker and Flanger Process	<input type="checkbox"/>
0080		BLM2	1000	CC01		Bottom Lacquer spray	<input type="checkbox"/>
0090		LSM2 - 2	1000	CC02		Lacquer spray 2	<input type="checkbox"/>
0100		PLT2	1000	CC02		Palletizer	<input type="checkbox"/>
0110			1000				<input type="checkbox"/>



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

The screenshot shows two SAP screens. The top screen is 'Inspection Characteristics' with a table of characteristics. The bottom screen is 'Create Routing: Operation Overview' with various tabs and input fields.

P	CI	O	Pe	C	Su	Base Quantity	U	Setup	Unit	Activity	Machine	Unit	Activ
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		90	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		90	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		90	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		90	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		90	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		90	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		90	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		90	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		90	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		90	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1,000,000	EA		MIN		90	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1	EA						

Create Routing: Operation Overview

Material P22621 PEPSI SPRAY PAINT PROMO 355 ML AQS Gr Comp. alloc. - gen. (F7)

Sequence 0

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 <input type="checkbox"/> Production <input type="checkbox"/> Master Data <input type="checkbox"/> Production Versions
Transaction code	C223

Production Version: Mass Processing

Selection Conditions

Plant 1000  CCMC


Material P20457


MRP Controller


Key date 24.04.2009

Production line































Task List Type Group
















Detailed plng 

Rate-based plng 

Rough-Cut Plng 


Production versions

Plant	Material	Pro...	Text	Lock	M	P	C	Tes...	Check date	Valid from	Valid to
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							
1000				Not 							

Recipe
Recipe

0 / 0


Product
Create production version
k your selection criteria



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan

2/5/2017

Created : 5-Feb-17

Document : EUD-PP-20090425 V1.0


UPDATED :

Production Version: Mass Processing

Maintain Production Version: Detail Screen


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	<input type="checkbox"/>
Rate-based planning	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Rough-Cut Planning	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Bill of Material

Alternative BOM  BOM Usage 1

Apportionment Struct

Repetitive Manufacturing

☐ REM allowed Production line Planning ID

Other Data

Other header mat. <input type="text"/>	Issue stor. location <input type="text"/>
Distribution Key <input type="text"/>	Receiv. location <input type="text"/>
OB Reference Mater1 <input type="text"/>	Default supply area <input type="text"/>

Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017	Created : 5-Feb-17 UPDATED :
----------	---------------------------------

Production Version: Mass Processing

Maintain Production Version: Detail Screen

Consistency Check of Production Versions 1

Selection Conditions

Version 24.04.2009/16:39:14

Plant 1

Material P Material 1000 CCMC

Production Vers. LIN1 Lock Not locked
Valid from 24.04.2009 Valid to 31.12.9999
Frm lot size 1 To lot size 99,999,999
Base UoM EA

Detailed plnng TL Type N Task LstGrp 50000001 Alternative 1

From period Frm lot size	To period To lot size	E W Error/warning description
24.04.2009 1	31.12.9999 99,999,999 EA	Task list exists

BOM Alternative 1 Application 1

From period Frm lot size	To period To lot size	E W Error/warning description
24.04.2009	31.12.9999 999999999.999 EA	BOM exists

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.

Production Versions Edit Goto Environment System Help

Save (Ctrl+S)

Production Version: Mass

Selection Conditions

Plant: 1000 CCMC

Material: P20553

MRP Controller:

Key date: 24.04.2009

Production line:

Task List Type:

Group:

Detailed plng:

Rate-based plng:

Rough-Cut Plng:

Production versions

Plant	Material	Pro...	Text	Lock	M	P	C	Tes...	Check date	Valid from	Valid to
1000	P20553	LIN1	P20553 - Line 1	Not					24.04.2009	24.04.2009	31.12.9999
1000	P20553	LIN2	P20553 - Line 2	Not					24.04.2009	24.04.2009	31.12.9999
1000				Not							
1000				Not							

Then save the Production version.

3.6 Reference Operation Set

3.6.1 Reference Operation Set - Creation

SAP R/3 Menu	Logistic <input type="checkbox"/> Production <input type="checkbox"/> Routings <input type="checkbox"/> Routings <input type="checkbox"/> Reference Operation Sets <input type="checkbox"/> Create
Transaction code	CA11



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Ref. operation set Edit Goto Details Extras Environment System Help

Create Reference Operation Set: Initial Screen

Copy from Routings Operations

Group

Validity

Change Number

Key date 23.04.2009

Additional data

Profile

And press enter



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0


2/5/2017











Created : 5-Feb-17
UPDATED :

Create Reference Operation Set: Header Details

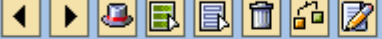
Routing Operations CompAlloc	
Group <input type="text"/> Operation overview (F7)	
Task list	
Group	<input type="text"/>
Group Counter	1
Plant	1000
<input type="text"/> Rework	
<input type="checkbox"/> Long text exists	
General data	
<input type="checkbox"/> Deletion flag	
Usage	1 Production
Status	4 Released (general)
Planner group	<input type="text"/>
Planning work center	<input type="text"/>
CAPP order	<input type="text"/>
From Lot Size	1
To lot size	99.999.999
Old task list no.	<input type="text"/>
Parameters for dynamic modification/inspection points	
Insp. Points	<input type="text"/>
Administrative data	
Change Number	<input type="text"/>
Valid From	23.04.2009
Valid to	31.12.9999
Created on	23.04.2009
Created by	RENGARAJAN
Changed on	23.04.2009
Changed by	RENGARAJAN

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.


 Ref. operation set Edit Goto Details Extras Environment System Help


Create Reference Operation Set: Operation Overview


 Work center CompAlloc PRT Inspection Characteristics

Group Rework Grp.Count1
 Sequence 0

Operation Overv.

Op...	SOp	Work ce...	Plnt	Co...	Standard...	Description	Lo...	P...	C
0010		PLT1	1000	CC02		Palletizer	<input type="checkbox"/>	<input type="checkbox"/>	
0020			1000				<input type="checkbox"/>	<input type="checkbox"/>	
0030			1000				<input type="checkbox"/>	<input type="checkbox"/>	
0040			1000				<input type="checkbox"/>	<input type="checkbox"/>	
0050			1000				<input type="checkbox"/>	<input type="checkbox"/>	



tics

P...	CI...	O...	Pe...	C...	Su...	Base Quantity	U...	Setup	Unit	Activity...	Machine	Unit	Activity
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1.000.000	EA		MIN		76	MIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1	EA						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1	EA						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1	EA						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1	EA						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	1	EA						

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

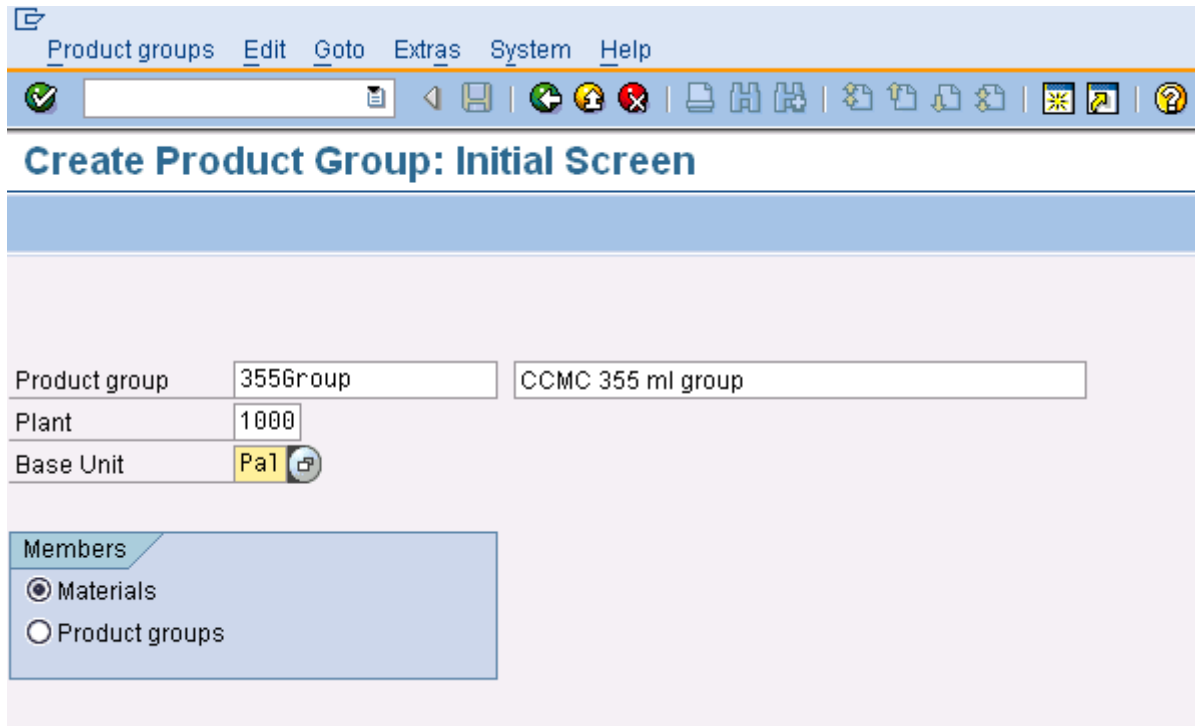
And Save.

✓ Reference operation set was saved with group 50000000

3.7 Product Group

3.7.1 Product Group - Creation


SAP R/3 Menu	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>SOP</i> <input type="checkbox"/> <i>Product Group</i> <input type="checkbox"/> <i>Create</i>
Transaction code	MC84



The screenshot shows the SAP MC84 transaction screen. At the top, there is a menu bar with 'Product groups', 'Edit', 'Goto', 'Extras', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main area is titled 'Create Product Group: Initial Screen'. It contains several input fields: 'Product group' with the value '355Group', 'Plant' with the value '1000', and 'Base Unit' with the value 'Pa1' and a unit of measure icon. To the right of these fields is a text box containing 'CCMC 355 ml group'. At the bottom left, there is a 'Members' section with two radio buttons: 'Materials' (selected) and 'Product groups'.

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

Then press enter.



Create Product Group: Maintain Members (Material)

Next page (Page down)

Hierarchy graphic | Versions... | Master data... | Product grp. graphic

Product group: 355GROUP CCMC 355 ml group
 Plant: 1000 CCMC
 Base Unit: PAL

Member number	Plnt	Unit conv. Short Text	Aggr.fact.	Proportion	UoM MTyp	V	M	Fx
P20457	1000							<input type="checkbox"/>
P20553	1000							<input type="checkbox"/>
P23354	1000							<input type="checkbox"/>
P23355	1000							<input type="checkbox"/>
P22541	1000							<input type="checkbox"/>
P22550	1000							<input type="checkbox"/>
P22939	1000							<input type="checkbox"/>
P22921	1000							<input type="checkbox"/>

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



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Product groups Edit Goto Extras System Help

Create Product Group: Maintain Members (Materials)

Hierarchy graphic Versions... Master data... Product grp. graphic

Product group 355GROUP CCMC 355 ml group

Plant 1000 CCMC

Base Unit Sum of Proportional Factors

Member number

The sum of the proportional factors is:

Do you want to continue?

Yes No

Member number	Plant	Product group	UoM	MType
P20457		355GROUP	0	EA
P20553		1000	0	FERT
M35501			0	EA
M35502			0	FERT
M35503			0	EA
M35504	1000	0.00013495	1	0
		LINDA CITRUS 355 ml MSBI		FERT
P23354	1000	0.00013495	1	0
		PEPSI FOOTBALL PROMO "KAKA" 355ml AQS		FERT
P23355	1000	0.00013495	1	0

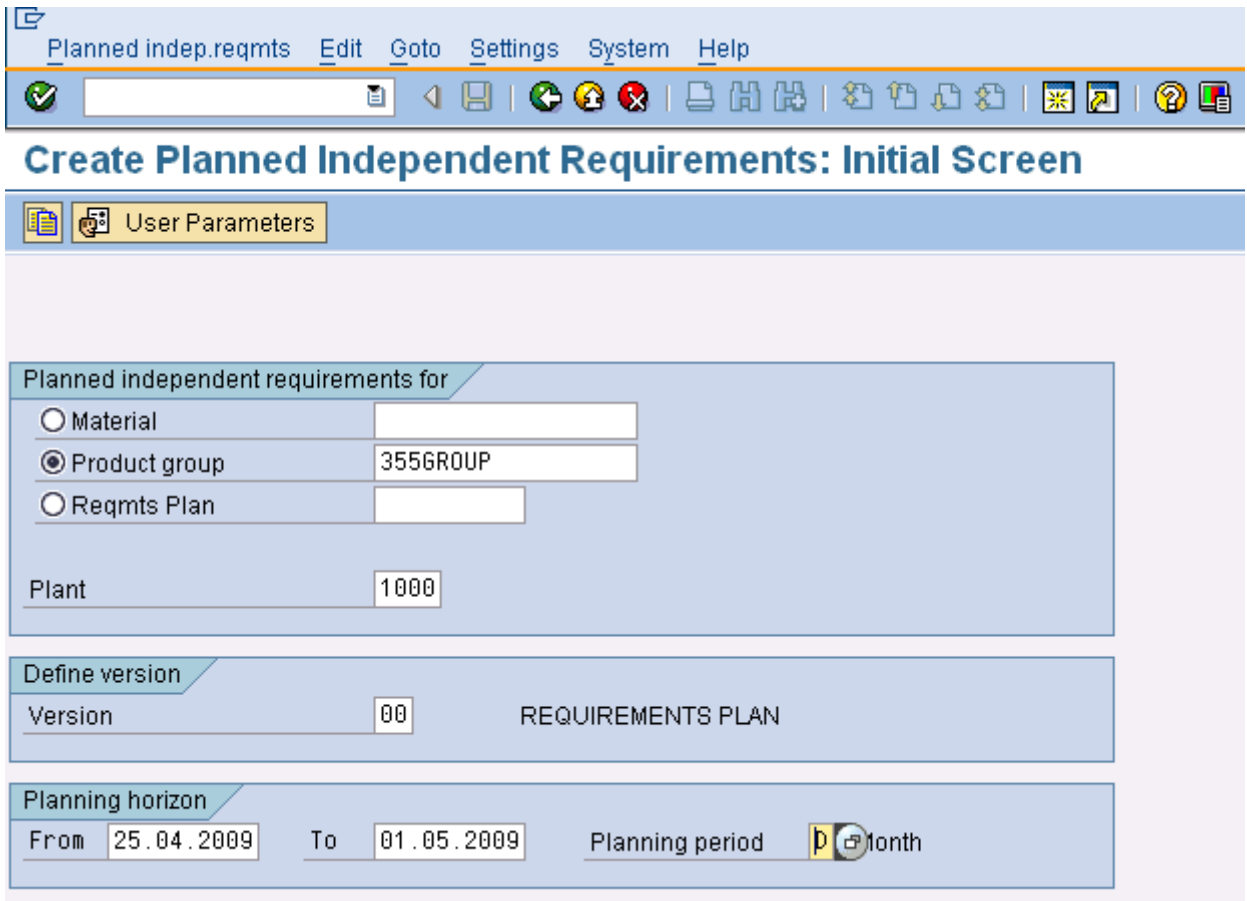
In the message box, press the 'yes' button.

✓ Product group created

4 Can Manufacturing Process

4.1 Planned Independent Requirements - Creation

SAP R/3 Menu	Logistic <input type="checkbox"/> Production <input type="checkbox"/> Production Planning <input type="checkbox"/> Demand Management <input type="checkbox"/> Planned Independent Requirements <input type="checkbox"/> Create
Transaction code	MD61



The screenshot shows the SAP MD61 transaction initial screen. The menu bar includes 'Planned indep.reqmts', 'Edit', 'Goto', 'Settings', 'System', and 'Help'. The title bar reads 'Create Planned Independent Requirements: Initial Screen'. Below the title bar is a 'User Parameters' section. The main area is divided into three sections: 'Planned independent requirements for', 'Define version', and 'Planning horizon'. In the 'Planned independent requirements for' section, 'Product group' is selected with the value '355GROUP', and 'Plant' is '1000'. In the 'Define version' section, 'Version' is '00' and 'REQUIREMENTS PLAN' is displayed. In the 'Planning horizon' section, 'From' is '25.04.2009', 'To' is '01.05.2009', and 'Planning period' is 'D' (Day).

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)

Planned indep.reqmts Edit Goto Settings Environment System Help

Plnd Ind. Reqmts Create: Planning Table

Product group 355GROUP CCMC 355 ml group
Planning start 25.04.2009 Planning End 01.05.2009

Table Items Sched. lines

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	<input checked="" type="checkbox"/>	EA							
M35502	1000	00	<input checked="" type="checkbox"/>	EA							
M35503	1000	00	<input checked="" type="checkbox"/>	EA							
M35504	1000	00	<input checked="" type="checkbox"/>	EA							
P20457	1000	00	<input checked="" type="checkbox"/>	EA	1111500						
P20553	1000	00	<input checked="" type="checkbox"/>	EA		1111500					
P22541	1000	00	<input checked="" type="checkbox"/>	EA	1111500						
P22550	1000	00	<input checked="" type="checkbox"/>	EA		1111500					
P22918	1000	00	<input checked="" type="checkbox"/>	EA							
P22921	1000	00	<input checked="" type="checkbox"/>	EA							
P22928	1000	00	<input checked="" type="checkbox"/>	EA							
P22939	1000	00	<input checked="" type="checkbox"/>	EA							
P23354	1000	00	<input checked="" type="checkbox"/>	EA							
P23355	1000	00	<input checked="" type="checkbox"/>	EA							
	1000	00	<input checked="" type="checkbox"/>								
	1000	00	<input checked="" type="checkbox"/>								
	1000	00	<input checked="" type="checkbox"/>								

Enter the requirement for planning material wise.

Planned indep.reqmts Edit Goto Settings Environment System Help

Plnd Ind. Reqmts Create: Planning Table

Product group 3556GROUP CCMC 355 ml group

Planning start 25.04.2009 Planning End 01.05.2009

Table Items **Sched. lines**

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	<input checked="" type="checkbox"/>	EA							
M35502	1000	00	<input checked="" type="checkbox"/>	EA							
M35503	1000	00	<input checked="" type="checkbox"/>	EA							
M35504	1000	00	<input checked="" type="checkbox"/>	EA							
P20457	1000	00	<input checked="" type="checkbox"/>	EA	1,111,500						
P20553	1000	00	<input checked="" type="checkbox"/>	EA		1,111,500					
P22541	1000	00	<input checked="" type="checkbox"/>	EA	1,111,500						
P22550	1000	00	<input checked="" type="checkbox"/>	EA		1,111,500					
P22918	1000	00	<input checked="" type="checkbox"/>	EA							
P22921	1000	00	<input checked="" type="checkbox"/>	EA							
P22928	1000	00	<input checked="" type="checkbox"/>	EA							
P22939	1000	00	<input checked="" type="checkbox"/>	EA							
P23354	1000	00	<input checked="" type="checkbox"/>	EA							
P23355	1000	00	<input checked="" type="checkbox"/>	EA							
	1000	00	<input checked="" type="checkbox"/>								

Select the materials and go to Scheduled lines tab,

Planned indep.reqmts Edit Goto Settings Environment System Help

Plnd Ind. Reqmts Create

Product group 3556GROUP

Planning start 25.04.2009 Planning End 01.05.2009

Table Items **Sched. lines**

Material P20457 EPSI STANDARD 355 ml AQS

Plant 1000 Reqmts type LSF Version/active 00 / ☒ Reqmts Plan

Plan Qty 1,111,500 EA

Withdr.qty or values
Production Version
 BOM explosion number
 Calculated quantity
 Assign info struct.

P	ReqmtDate	Planned qty	Spl.	S	Value / SAR	PVer	BOMExpNo	StandardVal.	T	Hi
D	25.04.2009	1,111,500			225,793.444					
T										
T										
T										
T										

From the above Settings options, select Production version,

Planned indep.reqmts Edit Goto Settings Environment System Help

Plnd Ind. Reqmts Create: Schedule Lines

Product group 355GROUP CCMC 355 ml group
Planning start 25.04.2009 Planning End 01.05.2009

Table Items Sched. lines

Material P20457 PEPSI STANDARD 355 ml AQS
Plant 1000 Reqmts type LSF Version/active 00 / ☒ Reqmts Plan
Plan Qty 1,111,500 EA

P...	ReqmtDate	Planned qty	Spl.	S	Value / SAR	PVer	BOMExpNo	StandardVal.
D	25.04.2009	1,111,500			225,793.444			
T								
T								
T								
T								
T								
T								
T								
T								
T								
T								
T								
T								

Production Version (1) 2 Entries found

Help View of Production Version

Material: P20457
Plant: 1000

V...	Text	LSizeFrom	LotSizeTo	Valid from	Valid to
LIN1	P20457 - Line 1	1.000	99,999,999.000	24.04.2009	31.12.9999
LIN2	P20457 - Line 2	1.000	99,999,999.000	24.04.2009	31.12.9999

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 <input type="checkbox"/> Production <input type="checkbox"/> Production Planning <input type="checkbox"/> Demand Management <input type="checkbox"/> Planned Independent Requirements <input type="checkbox"/> Change
Transaction code	MD62

Planned indep.reqmts Edit Goto Settings System Help

Change Planned Independent Requirements: Initial Screen

User Parameters

Planned independent requirements for

☐ Material ☒ Product group ☐ Reqmts Plan

Plant 1000

Selection parameters

Requirements type

☐ Selected version ☒ All active versions ☐ All active/inactive versions

REQUIREMENTS PLAN

Planning horizon

From 25.04.2009 To 01.05.2009 Planning period 1 month

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

Planned indep.reqmts Edit Goto Settings Environment System Help

Plnd Ind. Reqmts Change: Planning Table

Product group 3556GROUP CCMC 355 ml group
Planning start 25.04.2009 Planning End 01.05.2009

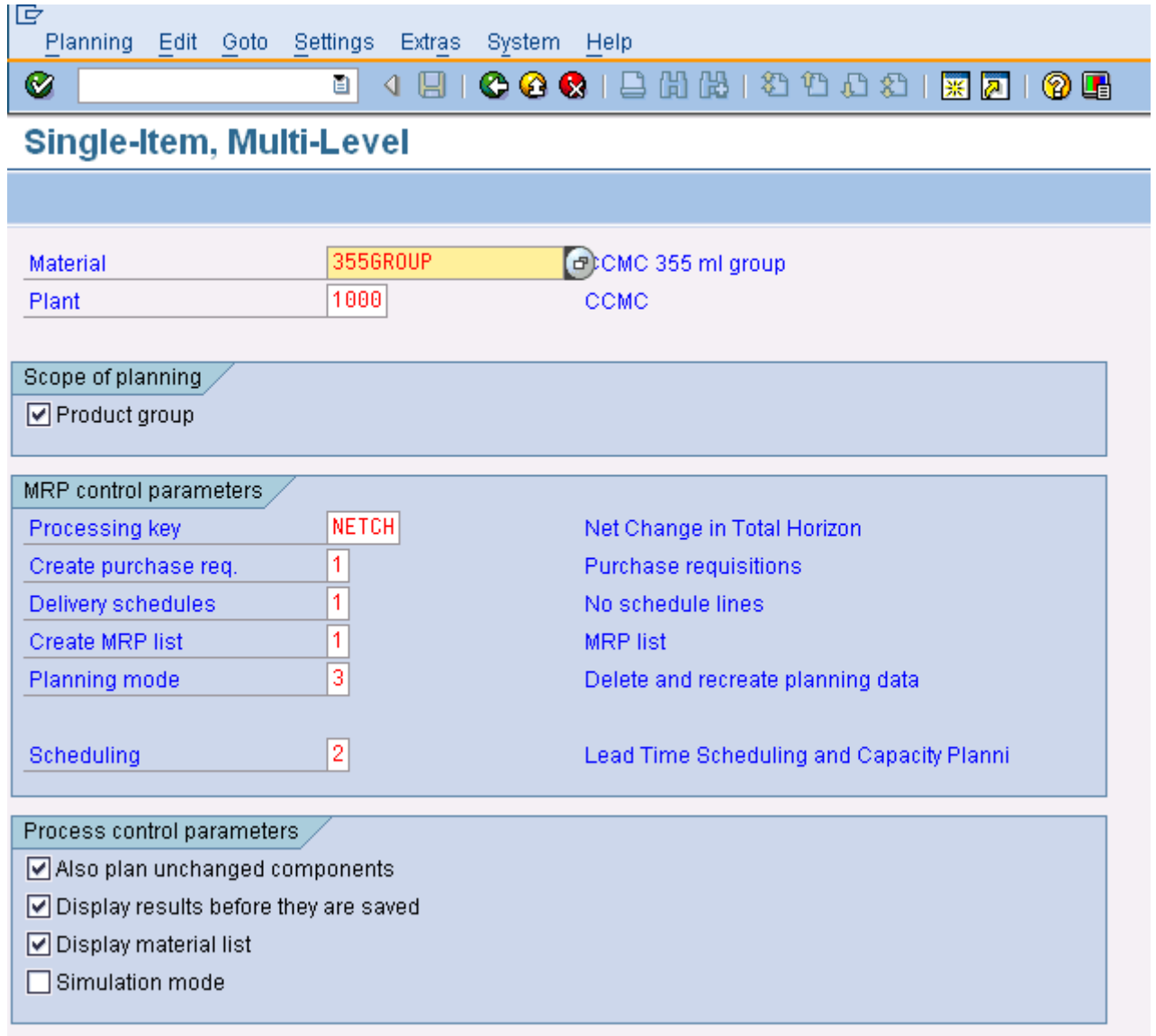
Table Items Sched. lines

Material	Pint	V	A	BU	25.04.2009	26.04.2009	27.04.2009	28.04.2009	29.04.2009	30.04.2009
M35501	1000	00	<input checked="" type="checkbox"/>	EA						
M35502	1000	00	<input checked="" type="checkbox"/>	EA						
M35503	1000	00	<input checked="" type="checkbox"/>	EA						
M35504	1000	00	<input checked="" type="checkbox"/>	EA						
P20457	1000	00	<input checked="" type="checkbox"/>	EA	1,111,500					
P20553	1000	00	<input checked="" type="checkbox"/>	EA		1,111,500				
P22541	1000	00	<input checked="" type="checkbox"/>	EA	1,111,500					
P22550	1000	00	<input checked="" type="checkbox"/>	EA		1,111,500				
P22918	1000	00	<input checked="" type="checkbox"/>	EA						
P22921	1000	00	<input checked="" type="checkbox"/>	EA						
P22928	1000	00	<input checked="" type="checkbox"/>	EA						
P22939	1000	00	<input checked="" type="checkbox"/>	EA						
P23354	1000	00	<input checked="" type="checkbox"/>	EA						
P23355	1000	00	<input checked="" type="checkbox"/>	EA						
	1000	00	<input checked="" type="checkbox"/>							

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 <input type="checkbox"/> Production <input type="checkbox"/> MRP <input type="checkbox"/> Planning <input type="checkbox"/> Single-Item, Multi-Level
Transaction code	MD02



The screenshot shows the SAP 'Single-Item, Multi-Level' planning interface. At the top is a menu bar with 'Planning', 'Edit', 'Goto', 'Settings', 'Extras', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main area is titled 'Single-Item, Multi-Level' and contains several sections:

- Material:** 3556ROUP (highlighted in yellow) with a description 'CMC 355 ml group'.
- Plant:** 1000 with a description 'CCMC'.
- Scope of planning:** A section with a checked box for 'Product group'.
- MRP control parameters:** A table with parameters and their values:

Processing key	NETCH	Net Change in Total Horizon
Create purchase req.	1	Purchase requisitions
Delivery schedules	1	No schedule lines
Create MRP list	1	MRP list
Planning mode	3	Delete and recreate planning data
Scheduling	2	Lead Time Scheduling and Capacity Planni
- Process control parameters:** A section with four checkboxes:
 - ☒ Also plan unchanged components
 - ☒ Display results before they are saved
 - ☒ Display material list
 - ☐ Simulation mode

Enter the Material Plant.

Enter the MRP and Process control parameters as mentioned above.

And press enter.

And check the readings and save.

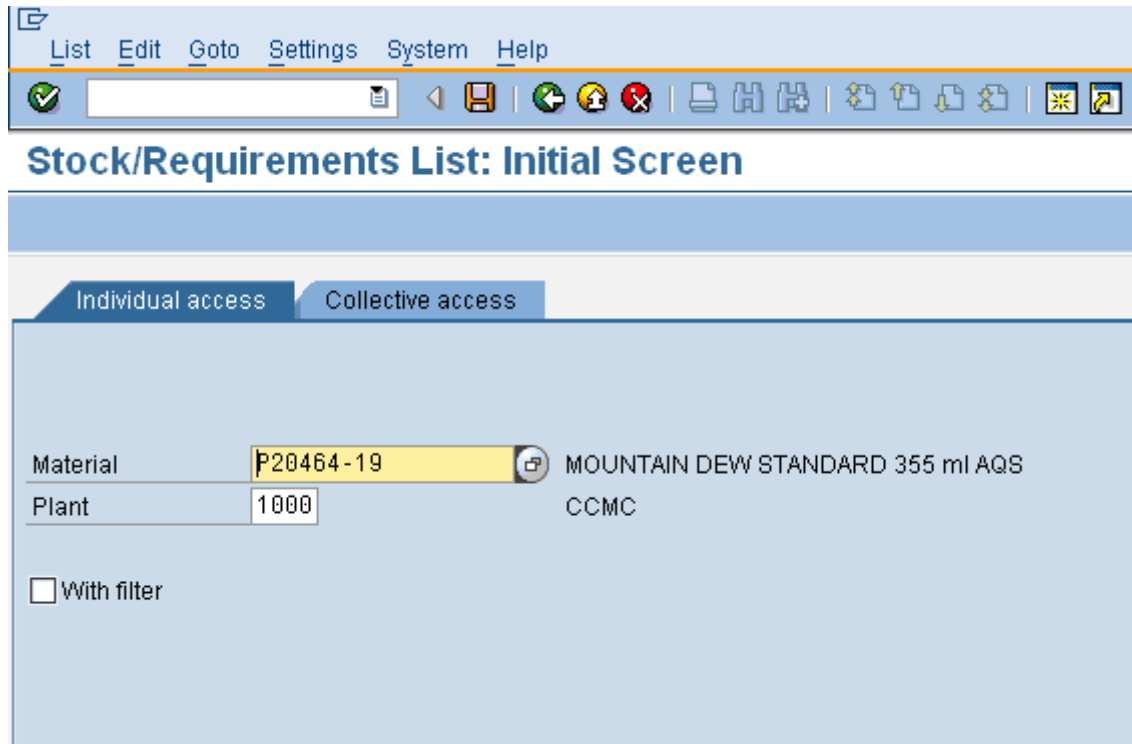
4.4 Stock / Requirements List

SAP R/3 Menu

Logistic ☐ Production ☐ MRP ☐ Evaluations ☐
Stock/Requirements List

Transaction code

MD04



List Edit Goto Settings System Help

Stock/Requirements List: Initial Screen

Individual access Collective access

Material P20464-19 MOUNTAIN DEW STANDARD 355 ml AQS
 Plant 1000 CCMC

☐ With filter

Enter the Material and Plant.

Then press enter to see the list.

List Edit Goto Settings Environment System Help

Stock/Requirements List as of 08:33 hrs

Show Overview Tree

Material **P20464-19** MOUNTAIN DEW STANDARD 355 ml AQS
 Plant **1000** MRP type **PD** Material Type **FERT** Unit **EA**

A	Date	MRP e	MRP element data	Rescheduli	E	Receipt/Reqmt	Available Qty	Pro	Stor
	02.06.2009	Stock					14,820		
	31.05.2009	CusOrd	0000001002/000010/000			100,000-			1100
	01.06.2009	IndReq	LSF			10,000-	4,820		
	02.06.2009	PldOrd	0005000026/STCK			1,595,742	1,600,562	LIN2	1100
	02.06.2009	IndReq	LSF			1,600,560-	2	LIN2	

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

From this List Planned order can be converted into Production Order



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Menu: List Edit Goto Settings Environment System Help

Stock/Requirements List as of 08:33 hrs

Show Overview Tree

Material: P20464-19 MOUNTAIN DEW STANDARD 355 ml AQS
Plant: 1000 MRP type: PD Material Type: FERT Unit: EA

A	Date	MRP e	MRP element data	Rescheduli	E	Receipt/Reqmt	Available Qty	Pro	Stor
	02.06.2009	Stock					14,820		
	31.05.2009	CusOrd	0000001002/000010/000			100,000-			1100
	01.06.2009	IndReq	LSF			10,000-	4,820		
	02.06.2009	PldOrd	0005000026/STCK			1,595,742	1,600,562	LIN2	1100
	02.06.2009	IndReq	LSF			1,600,560-	2	LIN2	

Additional Data for MRP Element

Pld order: 0005000026 Make-to-stock Order finish: 02.06.2009 GR ProcTme: 0
Order qty: 1,595,742 EA Order start: 02.06.2009 Proc. type: E
Scrap: 0 Planned opening: 02.06.2009 Order type: LA

Buttons: -> Prod.ord -> PartConvProdOrder -> Proc.ord -> SubProcOrd -> Pur.req.

Convert planned order to production order (Ctrl+F1)

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

Production order Create: Header

Material		Capacity													
Order	%000000000001													Type	CC01
Material	P20464-19	MOUNTAIN DEW STANDARD 355 ml AQS												Pint	1000
Status	CRTD MSPT SETC														

General	Assignment	Goods Receipt	Control	Dates/Qties	Master Data	Long Text																												
Quantities <table border="1"> <tr> <td>Total Qty</td> <td>216</td> <td>PAL</td> <td>Scrap portion</td> <td></td> <td>0.00</td> <td>%</td> </tr> <tr> <td>Delivered</td> <td>0</td> <td></td> <td>ExpectYieldVar</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>Base quantity</td> <td>1,600,560</td> <td>EA</td> <td colspan="4"></td> </tr> </table>							Total Qty	216	PAL	Scrap portion		0.00	%	Delivered	0		ExpectYieldVar	0			Base quantity	1,600,560	EA											
Total Qty	216	PAL	Scrap portion		0.00	%																												
Delivered	0		ExpectYieldVar	0																														
Base quantity	1,600,560	EA																																
Dates <table border="1"> <thead> <tr> <th></th> <th colspan="2">BasicDates</th> <th colspan="2">Scheduled</th> <th colspan="2">Confirmed</th> </tr> </thead> <tbody> <tr> <td>Finish</td> <td>03.06.2009</td> <td>07:00</td> <td>03.06.2009</td> <td>07:00</td> <td></td> <td></td> </tr> <tr> <td>Start</td> <td>02.06.2009</td> <td>07:00</td> <td>02.06.2009</td> <td>07:00</td> <td></td> <td>00:00</td> </tr> <tr> <td>Release</td> <td></td> <td></td> <td>02.06.2009</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								BasicDates		Scheduled		Confirmed		Finish	03.06.2009	07:00	03.06.2009	07:00			Start	02.06.2009	07:00	02.06.2009	07:00		00:00	Release			02.06.2009			
	BasicDates		Scheduled		Confirmed																													
Finish	03.06.2009	07:00	03.06.2009	07:00																														
Start	02.06.2009	07:00	02.06.2009	07:00		00:00																												
Release			02.06.2009																															
Scheduling <table border="1"> <tr> <td>Type</td> <td colspan="6">5 Forwards in time</td> </tr> <tr> <td>Reduction</td> <td colspan="6">No reduction carried out</td> </tr> <tr> <td>Note</td> <td colspan="6">No scheduling note</td> </tr> </table>							Type	5 Forwards in time						Reduction	No reduction carried out						Note	No scheduling note												
Type	5 Forwards in time																																	
Reduction	No reduction carried out																																	
Note	No scheduling note																																	
Floats <table border="1"> <tr> <td>Scheduling margin</td> <td colspan="6">001</td> </tr> <tr> <td>Float bef. prod</td> <td></td> <td colspan="5">Workdays</td> </tr> <tr> <td>Float after pro.</td> <td></td> <td colspan="5">Workdays</td> </tr> <tr> <td>Release period</td> <td></td> <td colspan="5">Workdays</td> </tr> </table>							Scheduling margin	001						Float bef. prod		Workdays					Float after pro.		Workdays					Release period		Workdays				
Scheduling margin	001																																	
Float bef. prod		Workdays																																
Float after pro.		Workdays																																
Release period		Workdays																																

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

Production order Create: Header

Material		Capacity													
Order	Schedule order (Ctrl+F8)													Type	CC01
Material	P20464-19	MOUNTAIN DEW STANDARD 355 ml AQS												Pint	1000
Status	CRTD MSPT SETC														

General	Assignment	Goods Receipt	Control	Dates/Qties	Master Data	Long Text																					
Quantities <table border="1"> <tr> <td>Total Qty</td> <td>216</td> <td>PAL</td> <td>Scrap portion</td> <td></td> <td>0.00</td> <td>%</td> </tr> <tr> <td>Delivered</td> <td>0</td> <td></td> <td>ExpectYieldVar</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>Base quantity</td> <td>1,600,560</td> <td>EA</td> <td colspan="4"></td> </tr> </table>							Total Qty	216	PAL	Scrap portion		0.00	%	Delivered	0		ExpectYieldVar	0			Base quantity	1,600,560	EA				
Total Qty	216	PAL	Scrap portion		0.00	%																					
Delivered	0		ExpectYieldVar	0																							
Base quantity	1,600,560	EA																									
Dates <table border="1"> <thead> <tr> <th></th> <th colspan="2">BasicDates</th> <th colspan="2">Scheduled</th> <th colspan="2">Confirmed</th> </tr> </thead> <tbody> <tr> <td>Finish</td> <td></td> <td></td> <td>03.06.2009</td> <td>07:00</td> <td></td> <td></td> </tr> <tr> <td>Start</td> <td>02.06.2009</td> <td>07:00</td> <td>02.06.2009</td> <td>07:00</td> <td></td> <td>00:00</td> </tr> </tbody> </table>								BasicDates		Scheduled		Confirmed		Finish			03.06.2009	07:00			Start	02.06.2009	07:00	02.06.2009	07:00		00:00
	BasicDates		Scheduled		Confirmed																						
Finish			03.06.2009	07:00																							
Start	02.06.2009	07:00	02.06.2009	07:00		00:00																					

And re-schedule the order.

Order	%000000000001		Type	CC01
Material	P20464-19	MOUNTAIN DEW STANDARD 355 ml AQS	Pint	1000
Status	CRTD MSPT MANC SETC			

General	Assignment	Goods Receipt	Control	Dates/Qties	Master Data	Long Text
---------	------------	---------------	---------	-------------	-------------	-----------

Quantities					
Total Qty	216	PAL	Scrap portion		0.00 %
Delivered	0		ExpectYieldVar	0	
Base quantity	1,600,560	EA			

Dates					
	BasicDates		Scheduled		Confirmed
Finish	03.06.2009	07:00	03.06.2009	07:00	
Start	02.06.2009	07:00	02.06.2009	07:00	00:00
Release	02.06.2009				

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

Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Order Functions Edit Goto Header Environment System Help

Production order Create: Header

Material Capacity

Order %000000000001 Type CC01
Material P20464-19 MOUNTAIN DEW STANDARD 355 ml AQS Pint 1000
Status CRTD MSPT MANC SETC

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text Administration **Additional Data**

Customer Number 1 (1) 10 Entries found

Customers (general) Customers (by company code) Customers by country/c...

SearchTerm	PostalCode	City	Name 1	Customer
AL-ARD NAH	00001	IAQ	AL-ARD NAHRAIN SOFT DRINK	3001
AL-NABEE	00003	BAGHDAD	ALNABEE FOR SOFT DRINKS C	3004
AL-SHAHD	16010	AMMAN	AL-SHAHD CO FOR FOOD INDU	3000
ANWAR BAGH	11821	AMMAN	ANWAR BAGHDAD FOR STORING	3002
AQS	01120	KHAMIS MUSHAYT	ABDUL HADI ABDALLAH ALQAH	1000
NOOR KARBA	00001	KARBALA	NOOR KARBALA FOR SOFT	3003
SCARP			SCARP CUSTOMER	4000
SCARP 1			SCARP CUSTOMER 1	4001
SIPCO	21411	JEDDAH	SAUDI INDUSTRIAL PROJECTS	1001
SONUT	00005	AL-HARAM, GIZA	SOCIETTE NATIONAL D'INDUS	3005

Then click components overview:

Order Functions Edit Goto Header Environment System Help

Production order Create: Header

Material Capacity

Order %000000000001 Type CC01
Material P20464-19 MOUNTAIN DEW STANDARD 355 ml AQS Pint 1000
Status CRTD MSPT MANC SETC

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text

Quantities

Total Qty	216	PAL	Scrap portion		0.00 %
Delivered	0		ExpectYieldVar	0	
Base quantity	1,600,560	EA			

Dates

	BasicDates		Scheduled		Confirmed	
Finish	03.06.2009	07:00	03.06.2009	07:00		
Start	02.06.2009	07:00	02.06.2009	07:00		00:00

Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017
Created : 5-Feb-17
UPDATED :

Order Functions Edit Goto Component Environment System Help

Production Order Create: Component Overview

Order: 000000000001 Type: CC01
Material: P20464-19 MOUNTAIN DEW STANDARD 355 ml AQS Plant: 1000

Filter: NO_FILTER No Filter Sorting: ST_STA Standard Sort

Item	Component	Description	Reqmt Qty	U	It	Op	Seq	Plant	Stor	Batch	A	Bu	Ba	S	D	D	C	Ph	D	B	Text	Fi
0010	10000	Steel Tin Plate (1204 x 0.24)	49,583.664	KG	L	0010	0	1000	1500													
0020	10002	Quakerol CLT-105 (CP)	23.976	KG	L	0010	0	1000	1500													
0030	10003	Quakerol CLT-105 (BM)	63.936	KG	L	0010	0	1000	1500													
0040	10004	Quakleen 607 AS	27.216	KG	L	0010	0	1000	1500													
0050	10005	Basecoat	781.056	KG	L	0010	0	1000	1500													
0060	10006	Bottom Rim Coat	52.920	KG	L	0010	0	1000	1500													
0070	10007	Lacquer Spray	2,815.344	KG	L	0010	0	1000	1500													
0080	10038	YELLOW GREEN 6G7B45241 PM	6.480	KG	L	0010	0	1000	1202													
0090	10039	MID GREEN 6G7B44109 PMS 36	16.200	KG	L	0010	0	1000	1202													
0100	10040	DARK GREEN 6G7B44156 PMS	50.112	KG	L	0010	0	1000	1202													
0110	10041	RED 6R7B45243 PMS 1797	7.992	KG	L	0010	0	1000	1202													
0120	50000	Plastic Strap	7,362.580	M	L	0010	0	1000														
0130	50001	Stretch Wrapper	7,762.830	M	L	0010	0	1000	1204													
0140	8502	Steel Tin Plate Scrap	6,804	KG	L	0090	0	1000	1301													

Special stock indicator for dialog display (1)

Special stock ind.	Short Descript.
1	Plant stock
2	Individual customer stock
3	Project stock
4	Consignment stock
5	Pipeline stock

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

Order Functions Edit Goto Header Environment System Help

Production order Create: Save (Ctrl+S)

Order: Release 000000000001 Type: CC01
Material: P20457 PEPSI STANDARD 355 ml AQS Plant: 1000
Status: CRTD MSPT MANC SETC

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text

Quantities

Total Qty	150	PAL	Scrap portion		0.00 %
Delivered	0		ExpectYieldVar	0	
Base quantity	1,111,500	EA			

Dates

	Basic Dates		Scheduled		Confirmed	
Finish	26.04.2009	11:04	26.04.2009	11:04		
Start	25.04.2009	21:00	25.04.2009	21:00		00:00
Release			25.04.2009			

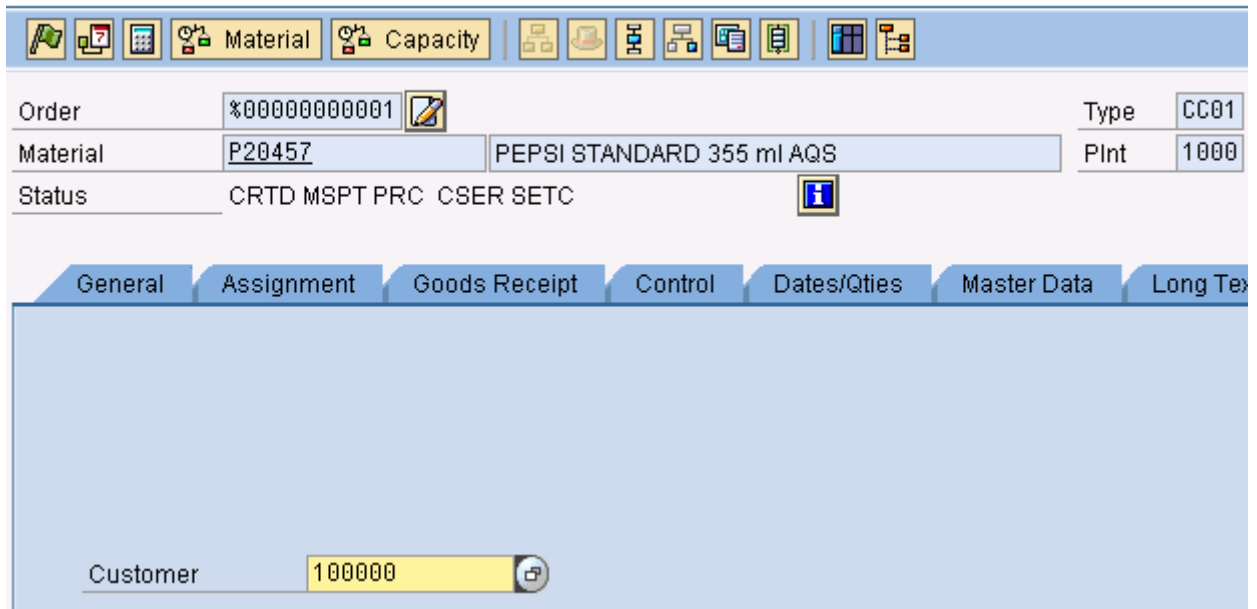
Scheduling

Type	5 Forwards in time
Reduction	No reduction carried out
Note	No scheduling note

Floats

Scheduling margin	001
Float bef. prod	Workdays
Float after pro.	Workdays
Release period	Workdays

Production order Create: Header




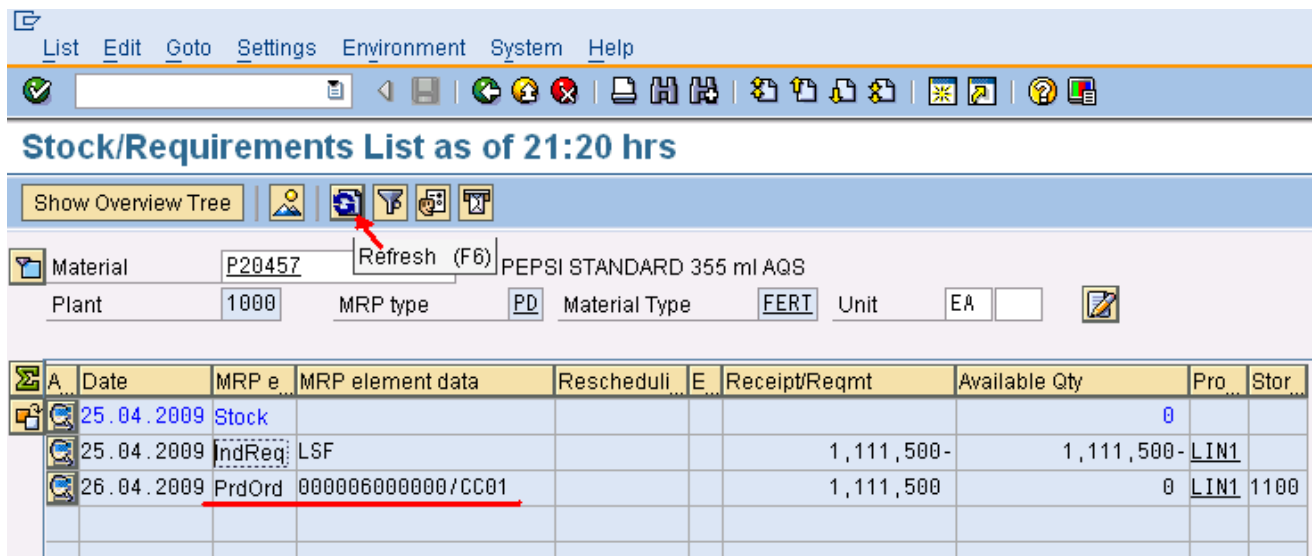
The screenshot shows the SAP Production Order Header. At the top, there are tabs for 'Material' and 'Capacity'. Below these, the 'Order' field contains '%000000000001' and the 'Type' is 'CC01'. The 'Material' field contains 'P20457' and the description 'PEPSI STANDARD 355 ml AQS'. The 'Pint' field contains '1000'. The 'Status' field contains 'CRTD MSPT PRC CSER SETC'. Below the main fields, there are tabs for 'General', 'Assignment', 'Goods Receipt', 'Control', 'Dates/Qties', 'Master Data', and 'Long Text'. At the bottom, the 'Customer' field contains '100000'.

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.

 Order number 6000000 saved



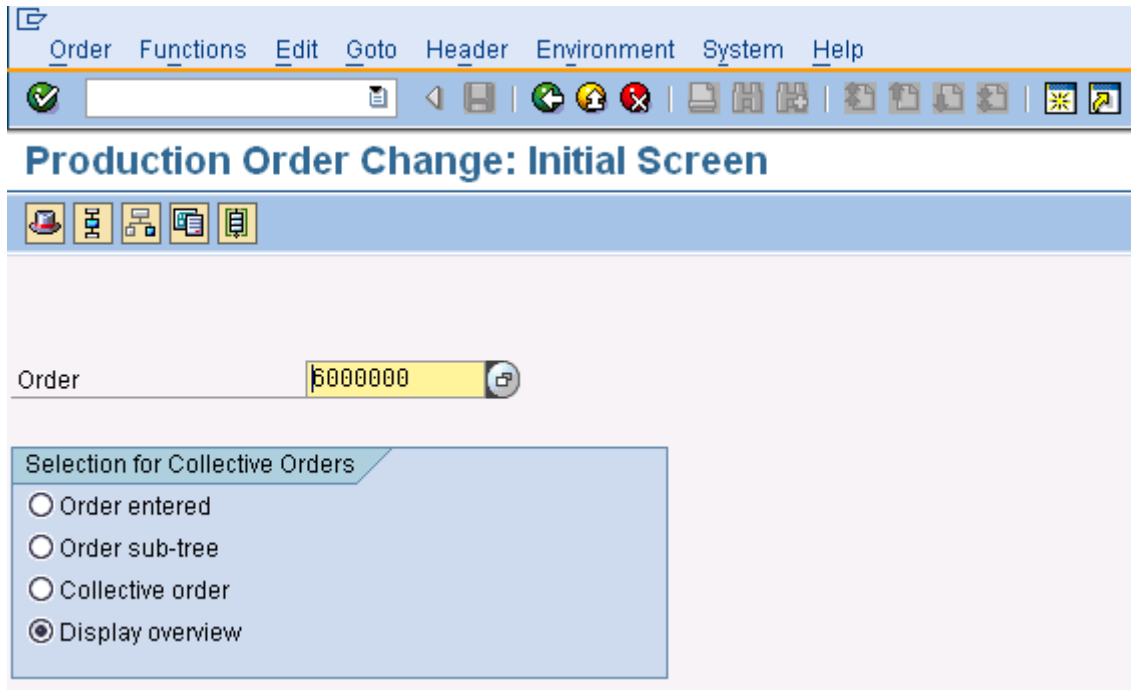
The screenshot shows the SAP Stock/Requirements List. The title bar indicates 'List Edit Goto Settings Environment System Help'. The main area shows the 'Material' field with 'P20457' and the description 'PEPSI STANDARD 355 ml AQS'. The 'Plant' field contains '1000', 'MRP type' is 'PD', 'Material Type' is 'FERT', and 'Unit' is 'EA'. A red arrow points to the 'Refresh (F6)' button. Below the fields, there is a table with the following data:

A	Date	MRP e...	MRP element data	Rescheduli...	E...	Receipt/Reqmt	Available Qty	Pro...	Stor...
	25.04.2009	Stock					0		
	25.04.2009	IndReq	LSF			1,111,500-	1,111,500-	LIN1	
	26.04.2009	PrdOrd	000006000000/CC01			1,111,500	0	LIN1	1100

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 <input type="checkbox"/> Production <input type="checkbox"/> Shop Floor Control <input type="checkbox"/> Order <input type="checkbox"/> Change
Transaction code	CO02



The screenshot shows the SAP 'Production Order Change: Initial Screen'. At the top, there is a menu bar with 'Order', 'Functions', 'Edit', 'Goto', 'Header', 'Environment', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main area has a title bar 'Production Order Change: Initial Screen' and a toolbar with icons for 'New', 'Open', 'Save', 'Print', and 'Refresh'. The 'Order' field is highlighted in yellow and contains the value '60000000'. Below the 'Order' field is a section titled 'Selection for Collective Orders' with four radio button options: 'Order entered', 'Order sub-tree', 'Collective order', and 'Display overview'. The 'Display overview' option is selected.

Enter the Production Order number and press enter.



شركة إنتاج صناديق العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017
Created : 5-Feb-17
UPDATED :

Order Functions Edit Goto Header Environment System Help

Production order Change: Header

Material Capacity

Order: 6000000 Type: CC01
Material: P20457 PEPSI STANDARD 355 ml AQS Pint: 1000
Status: CRTD MSPT PRC CSER RELR SETC

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text

Quantities

Total Qty	150	PAL	Scrap portion	0.00 %
Delivered	0		ExpectYieldVar	0
Base quantity	1,111,500	EA		

Dates

	BasicDates		Scheduled		Confirmed	
Finish	26.04.2009	11:04	26.04.2009	11:04		
Start	25.04.2009	21:00	25.04.2009	21:00		00:00
Release			25.04.2009			

Scheduling

Type: 5 Forwards in time
Reduction: No reduction carried out
Note: No scheduling note
Priority:

Floats

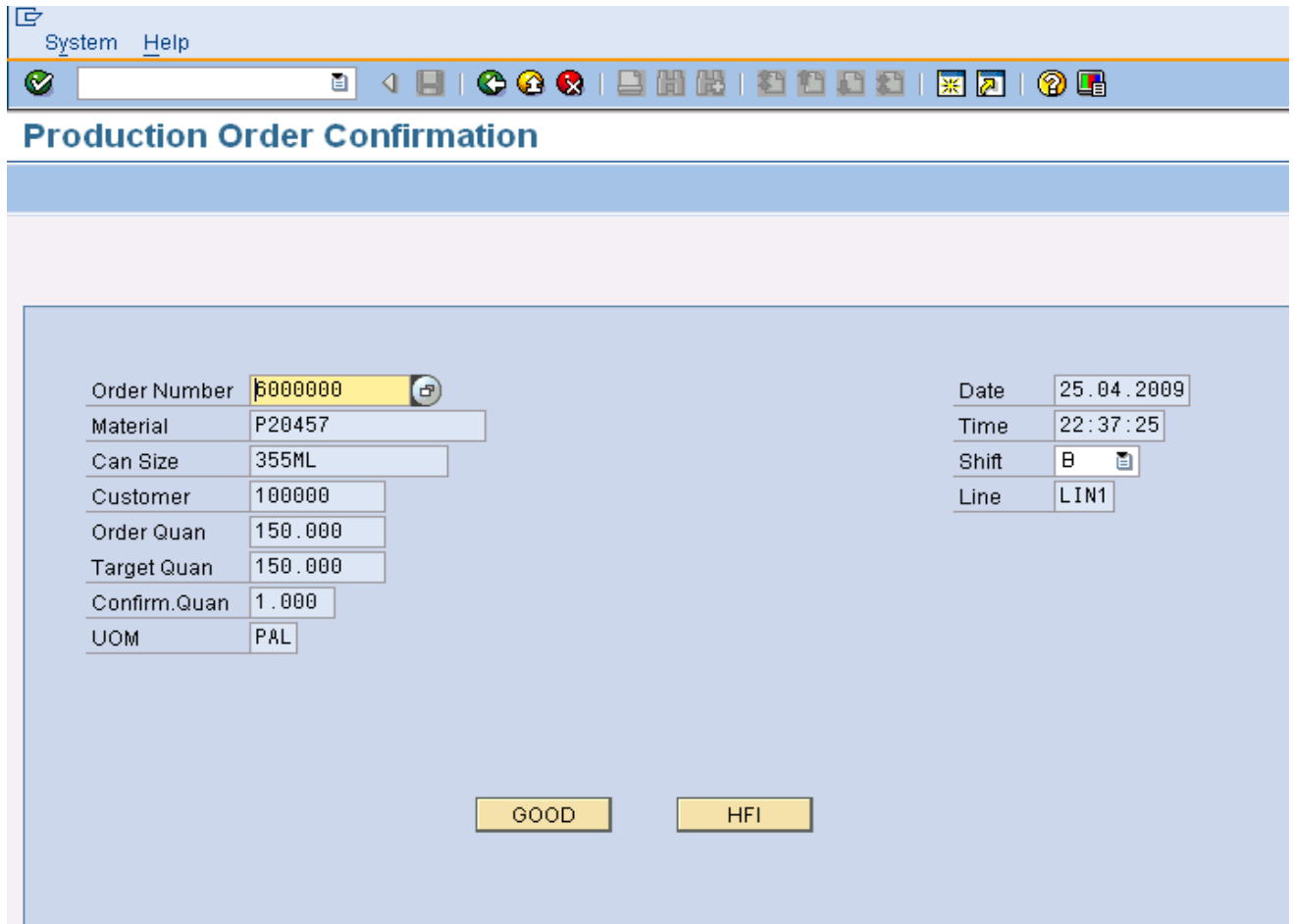
Scheduling margin: 001
Float bef. prod: Workdays
Float after pro.: Workdays
Release period: Workdays

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.

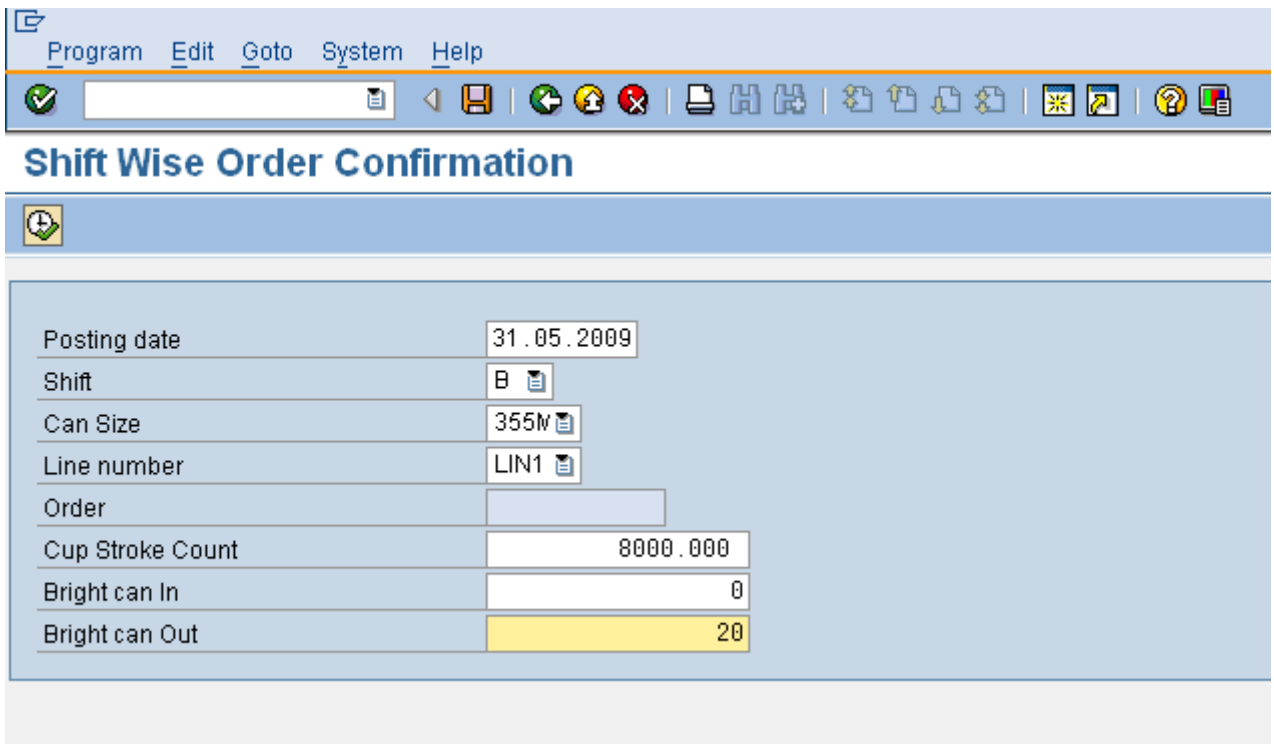
You can see the details of the Production order like, Material, Can size, Customer, Order quantity, Target quantity, to be confirmed quantity, Unit of measure, Date, Time and Production line.

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



The screenshot shows the SAP ZPSCNF transaction screen. The title bar includes 'Program Edit Goto System Help'. The main area is titled 'Shift Wise Order Confirmation'. Below the title, there is a table with the following fields and values:

Posting date	31.05.2009
Shift	B
Can Size	355W
Line number	LIN1
Order	
Cup Stroke Count	8000.000
Bright can In	0
Bright can Out	20

Enter the date, shift, Can size, Line and enter the Copper 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:



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Posting date	31.05.2009
Shift	B
Can Size	355ml
Line number	LIN1
Order	60000002
Cup Stroke Count	8,000.000
Bright can In	
Bright can Out	20.000

Then execute.

In background the Copper 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

[Goods Issue](#) [Edit](#) [Goto](#) [Movement Type](#) [Environment](#) [System](#) [Help](#)

Enter Goods Issue: Initial Screen

[New Item](#) [To Reservation...](#) [To Order...](#) [WM Parameters...](#)

Document Date Posting Date
 Material Slip
 Doc.Header Text

Defaults for Document Items

Movement Type	<input type="text" value="261"/>	Special Stock	<input type="checkbox"/>
Plant	<input type="text" value="1000"/>	Reason for Movement	<input type="text"/>
Storage Location	<input type="text"/>	<input type="checkbox"/> Suggest Zero Lines	

GR/IR Slip

☒ Print


☐ Individual Slip
☐ Indiv.Slip w.Inspect.Text
☒ Collective Slip

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

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

Enter Goods Issue: Initial Screen

[New Item](#) [To Reservation...](#) [To Order...](#) [WM Parameters...](#)





شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Goods Issue Edit Goto Movement Type Environment System Help

Enter Goods Issue: Initial Screen

New Item To Reservation... To Order... WM Parameters...

Document Date
Material Slip
Doc. Header Text
Defaults for Document
Movement Type
Plant
Storage Location

GR/GI Slip
☒ Print

Reference: Order

Order	S Loc	S	By-Prds	Op. sel.	FIs	Extended
60000008				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Find reservations

Material
Plant 1000
Requirement Date
By-Products

Adopt + Details (F6)

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

Goods Issue Edit Goto Movement Type Environment System Help

Enter Goods Issue: New Item 0001

Movement Type 261 GI for order

Material 10000 Steel Tin Plate (1185 x 0.23)

Stock Material

Quantity in

Unit of Entry 1,256.880 KG Plant 1000 Stor. Loc. 1200

Batch a*

Reservation 49 1 ☐ Fls

Account Assignment

Cost Center

Order 60000008

No. Containers


Text


Goods recipient

Manuf. Date/BBD


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.


 Default_value Edit Goto System Help



Goods Movement: Storage Location and Batch Selection


 Qty. asc. Qty. desc. Reapportion

Material Steel Tin Plate (1185 x 0.23)
 Plant CCMC
 Mvmt Type GI for order

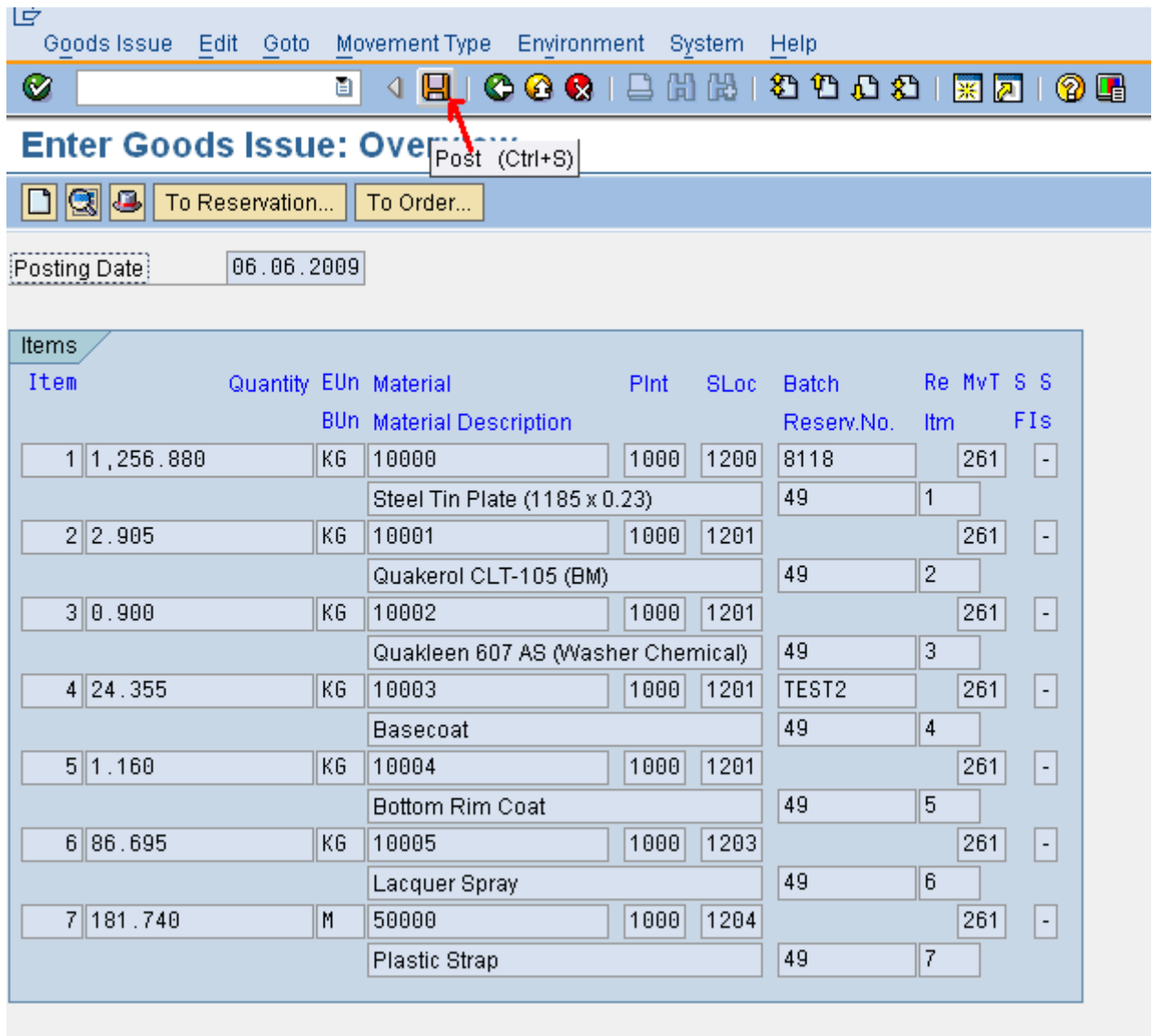
Items		Item	SLoc	Batch	Quantity	EUn	Quantity	BUUn	Last GR
					Stock				
<input checked="" type="checkbox"/>	1	1200	8118	<input type="text" value="1,256.880"/>	KG	<input type="text" value="1,256.880"/>	KG	<input type="text" value="28.05.2009"/>	
						<input type="text" value="94,649.812"/>		<input type="text" value="20.04.2010"/>	
<input type="checkbox"/>	2		4808323	<input type="text"/>	KG	<input type="text" value="0"/>	KG	<input type="text" value="09.05.2009"/>	
						<input type="text" value="9,147.338"/>		<input type="text" value="20.04.2010"/>	
<input type="checkbox"/>	3		4808322	<input type="text"/>	KG	<input type="text" value="0"/>	KG	<input type="text" value="29.04.2009"/>	
						<input type="text" value="5,597.582"/>		<input type="text"/>	
<input type="checkbox"/>	4		4808321	<input type="text"/>	KG	<input type="text" value="0"/>	KG	<input type="text" value="29.04.2009"/>	
						<input type="text" value="5,408.920"/>		<input type="text"/>	

Quantities
 Actual qty in SKU KG
 Target qty in SKU KG
 Target qty in UnE KG

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:



Enter Goods Issue: Overview

Posting Date: 06.06.2009

Item	Quantity	UoM	Material	Plant	Storage Location	Batch	Reservation No.	Item	FI
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.

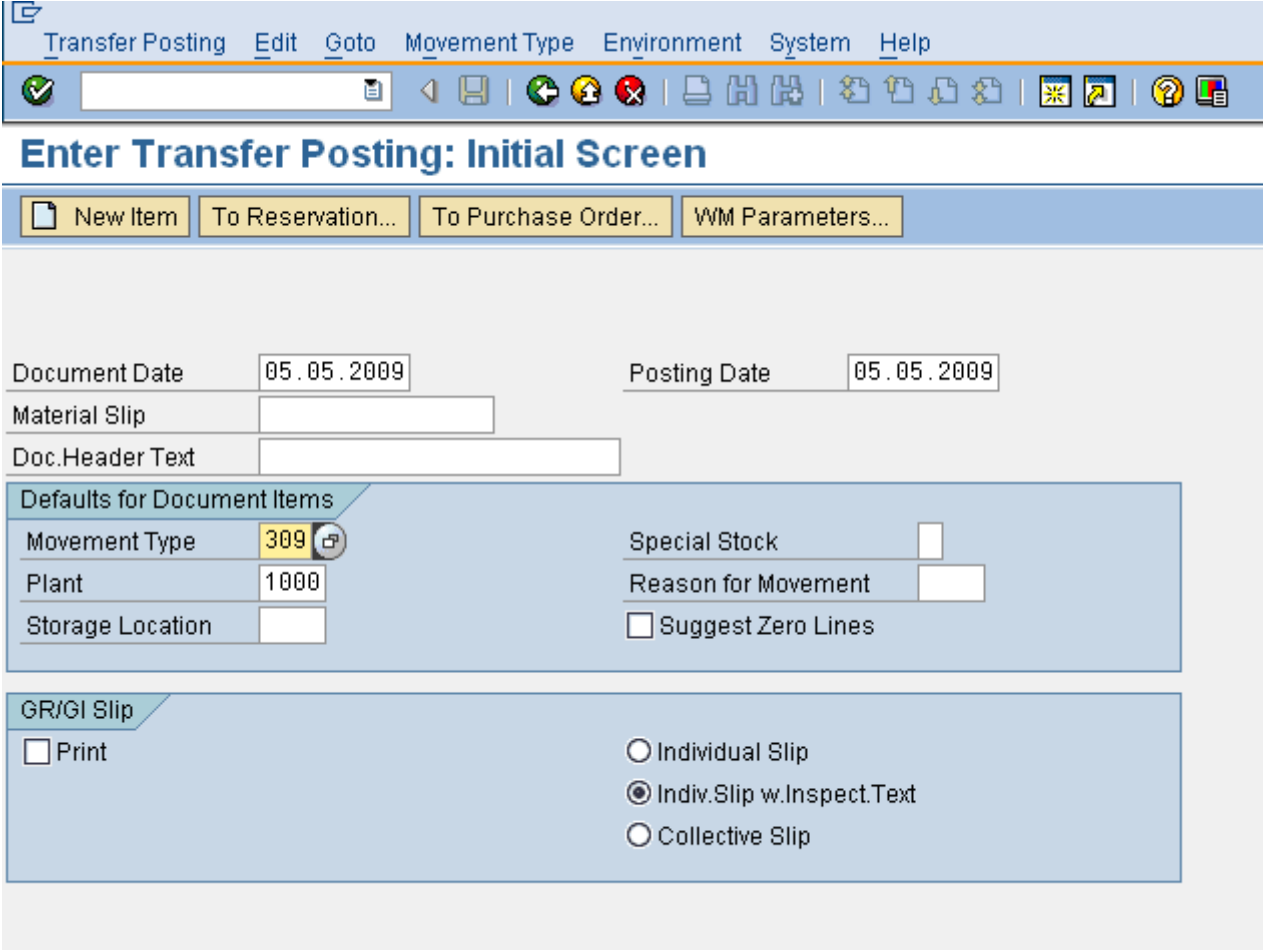
Document 4500124 posted

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




The screenshot shows the SAP MB1B transaction initial screen. At the top, there is a menu bar with 'Transfer Posting', 'Edit', 'Goto', 'Movement Type', 'Environment', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main area is titled 'Enter Transfer Posting: Initial Screen'. It contains several input fields and buttons. At the top, there are buttons for 'New Item', 'To Reservation...', 'To Purchase Order...', and 'WM Parameters...'. Below these, there are input fields for 'Document Date' (05.05.2009), 'Posting Date' (05.05.2009), 'Material Slip', and 'Doc. Header Text'. A section titled 'Defaults for Document Items' contains fields for 'Movement Type' (309), 'Plant' (1000), 'Storage Location', 'Special Stock', 'Reason for Movement', and a checkbox for 'Suggest Zero Lines'. At the bottom, there is a section titled 'GR/IR Slip' with a checkbox for 'Print' and three radio buttons for 'Individual Slip', 'Indiv. Slip w. Inspect. Text' (which is selected), and 'Collective Slip'.

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



Enter Transfer Posting: New Items


 To Reservation... To Order... To Purchase Order...

Movement Type TF tfr ps.mat.to mat
 Recipient

Receiving Plant Rcvg SLoc Rcvg Material

Item	Material	Quantity	UnE	SLoc	Batch	Re Plnt
1	M35502	7,410		1101		1000
2						1000
3						1000
4						1000
5						1000
6						1000
7						1000
8						1000
9						1000
10						1000
11						1000
12						1000
13						1000

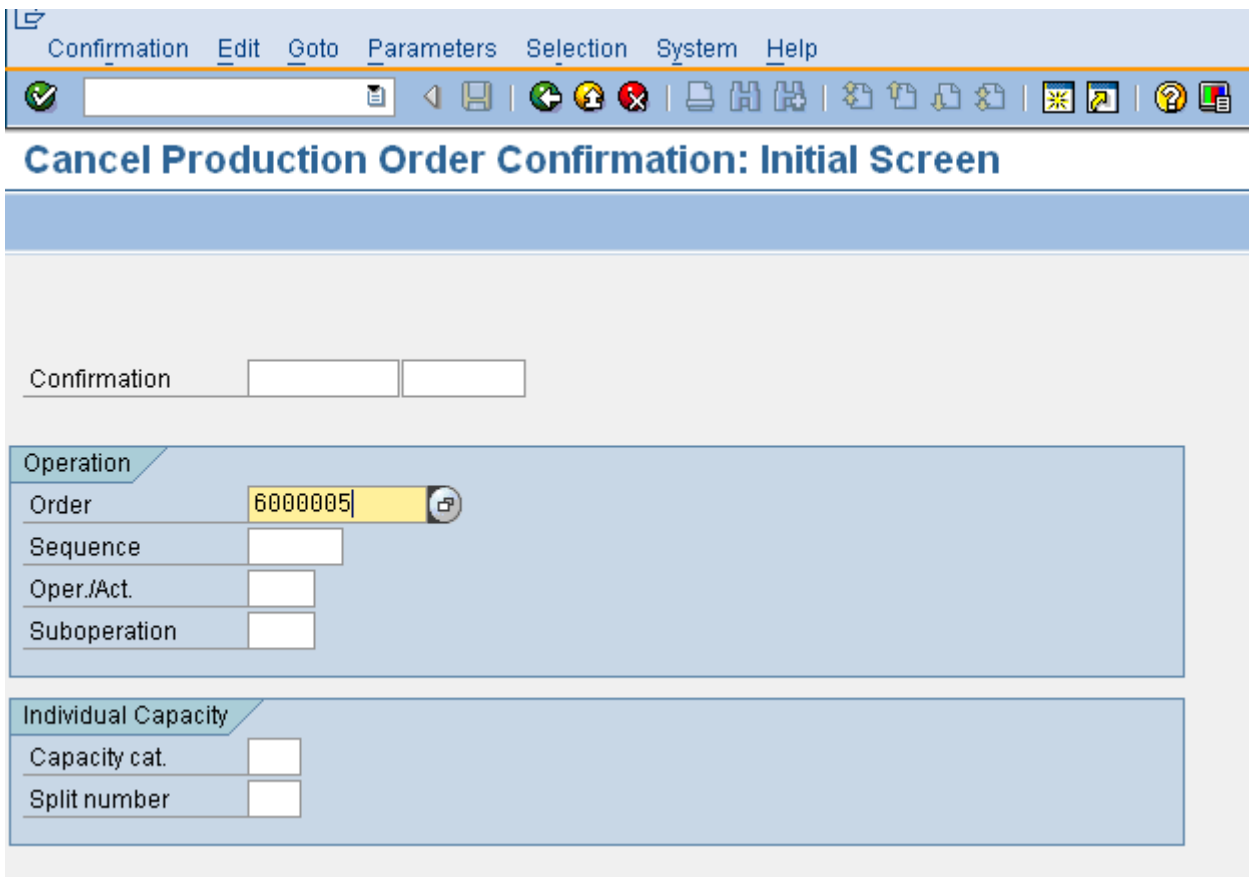
Enter the receiving plant, receiving storage location and receiving material & in the item list enter the material which is to be transferred with the quantity and the storage location from where it has to be transferred.

And Post 

System will generate a material document for this posting.

4.10 Production Order Confirmation – Cancel

SAP R/3 Menu	Logistic <input type="checkbox"/> Production <input type="checkbox"/> Shop Floor Control <input type="checkbox"/> Confirmation <input type="checkbox"/> Cancel
Transaction code	CO13



The screenshot shows the SAP CO13 Initial Screen. At the top, there is a menu bar with options: Confirmation, Edit, Goto, Parameters, Selection, System, and Help. Below the menu bar is a toolbar with various icons. The main title of the screen is "Cancel Production Order Confirmation: Initial Screen". Below the title, there is a section for "Confirmation" with two empty input fields. Below this, there is a section for "Operation" with the following fields: Order (containing the value 60000005), Sequence, Oper./Act., and Suboperation. Below the "Operation" section, there is a section for "Individual Capacity" with the following fields: Capacity cat. and Split number.

Enter the Production order number to process the cancel confirmation

Then press enter.

Confirmation Edit Goto Parameters Selection System Help

Cancel Production Order Confirmation: Initial Screen

Cancel Production Order Confirmation: Operation Overview

Order: 6000005
 Material Number: M35501 LINDA POMEGRANATE 355 ml MSBI
 System Status: REL CNF DLV PRC GMPS MACM SETC

Operation/Counter M Quant Scrap U OprShrtTxt C

2		0	0 EA		
3		0	0 EA		
4		0	0 EA		
5		20,000	0 EA		
6		10,000	0 EA		
0090		29,640	0 EA	Lacquer spray 2	
1		7,410	0 EA		
2		7,410	0 EA		
3		7,410	0 EA		
4		7,410	0 EA		
5		0	0 EA		
0100		29,640	0 EA	Palletizer 1	
1		1.0	0.0 PAL		
2		1.0	0.0 PAL		
3		1.0	0.0 PAL		
4		1.0	0.0 PAL		
5		0	0.0 PAL		

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

Text Edit Goto Format Include System Help

Change Order confirmation text: Language EN

File Edit View Tools

Reset Para Reset Character Formatting * Paragraph, left-aligned 100%

Reason for Cancellation

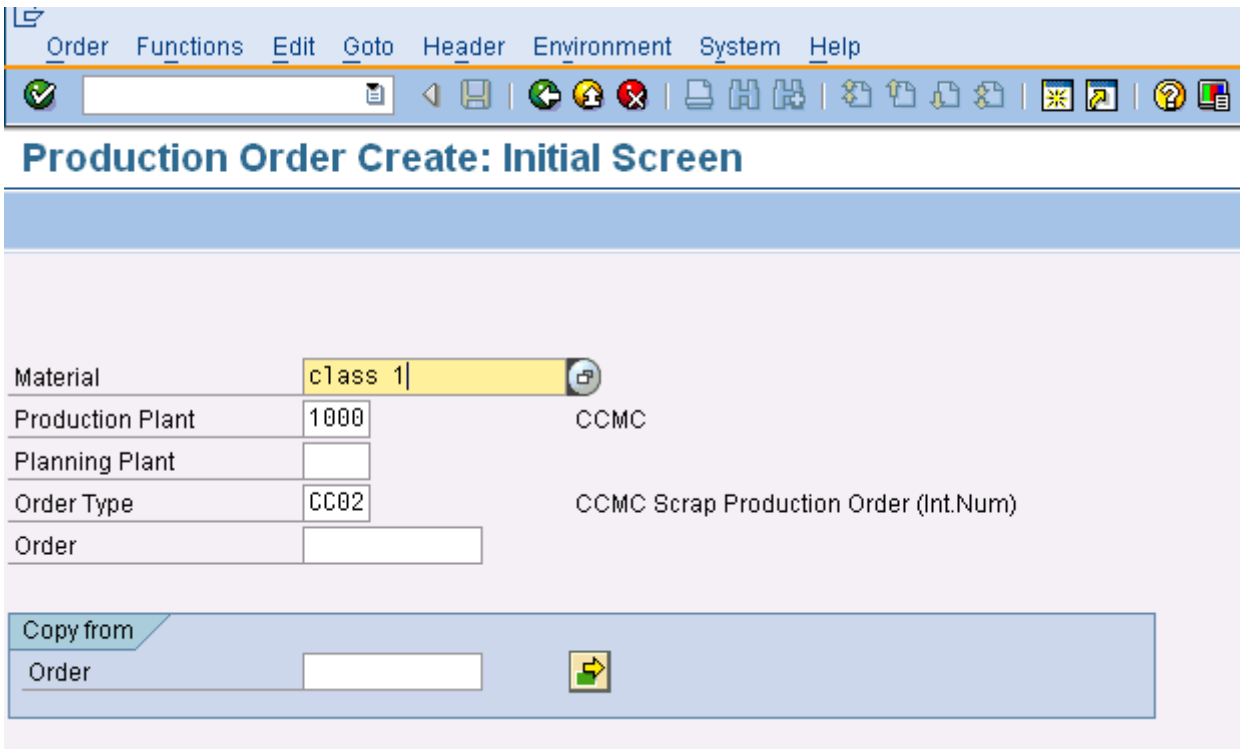
Enter reason for cancellation if required. Then come back and save.

Confirmation of order 6000005 is cancelled

5 Scrap Process

5.1 Production Order – Creation

SAP R/3 Menu	Logistic <input type="checkbox"/> Production <input type="checkbox"/> Shop Floor Control <input type="checkbox"/> Order <input type="checkbox"/> Create <input type="checkbox"/> With material
Transaction code	CO01

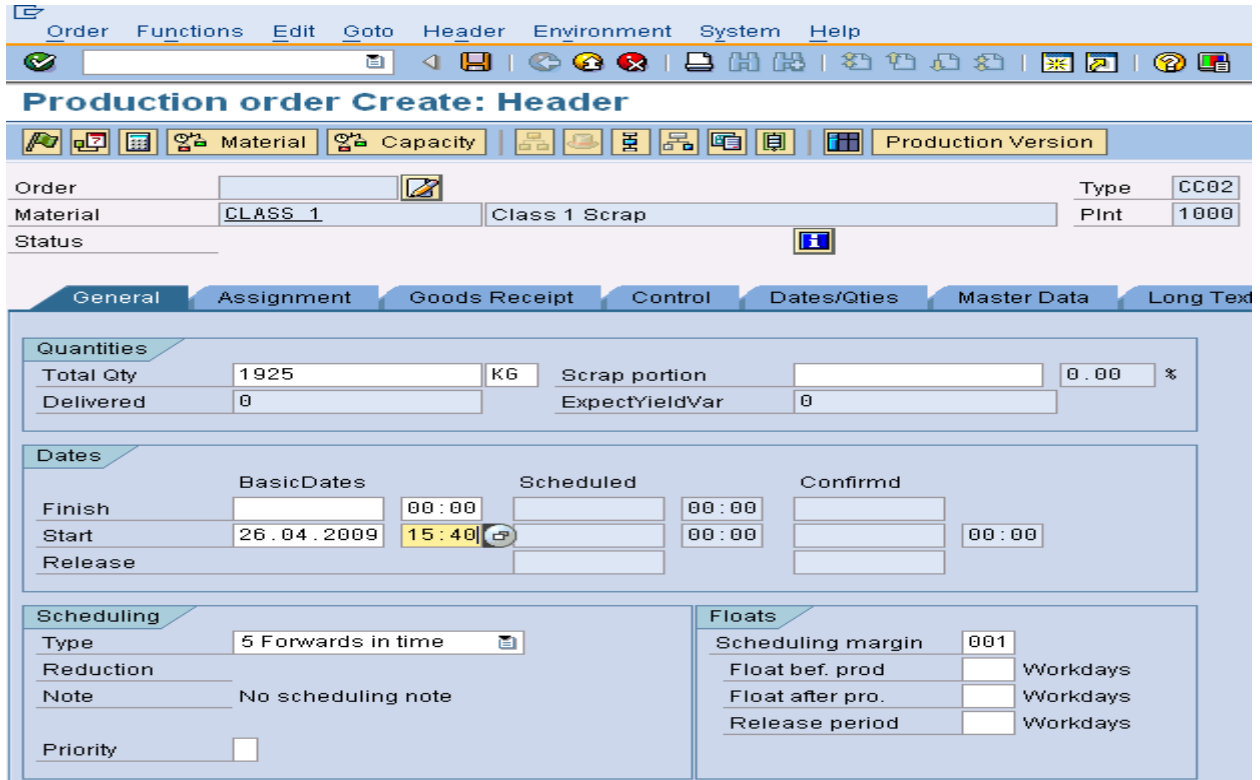


The screenshot shows the SAP 'Production Order Create: Initial Screen'. The menu bar includes 'Order', 'Functions', 'Edit', 'Goto', 'Header', 'Environment', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main form contains the following fields:

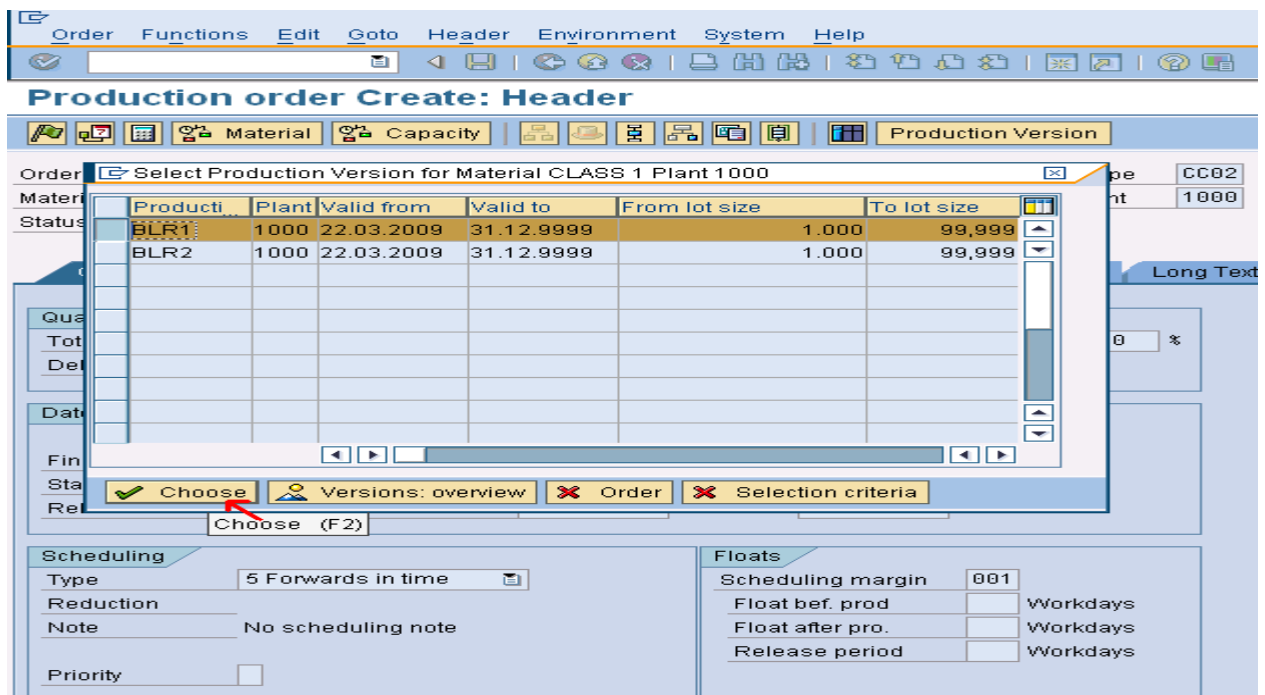
- Material:** class 1
- Production Plant:** 1000
- Planning Plant:** (empty)
- Order Type:** CC02
- Order:** (empty)

On the right side of the form, the text 'CCMC' is displayed above 'CCMC Scrap Production Order (Int.Num)'. At the bottom, there is a 'Copy from' section with a label 'Order' and an empty input field, followed by a green arrow icon.

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.

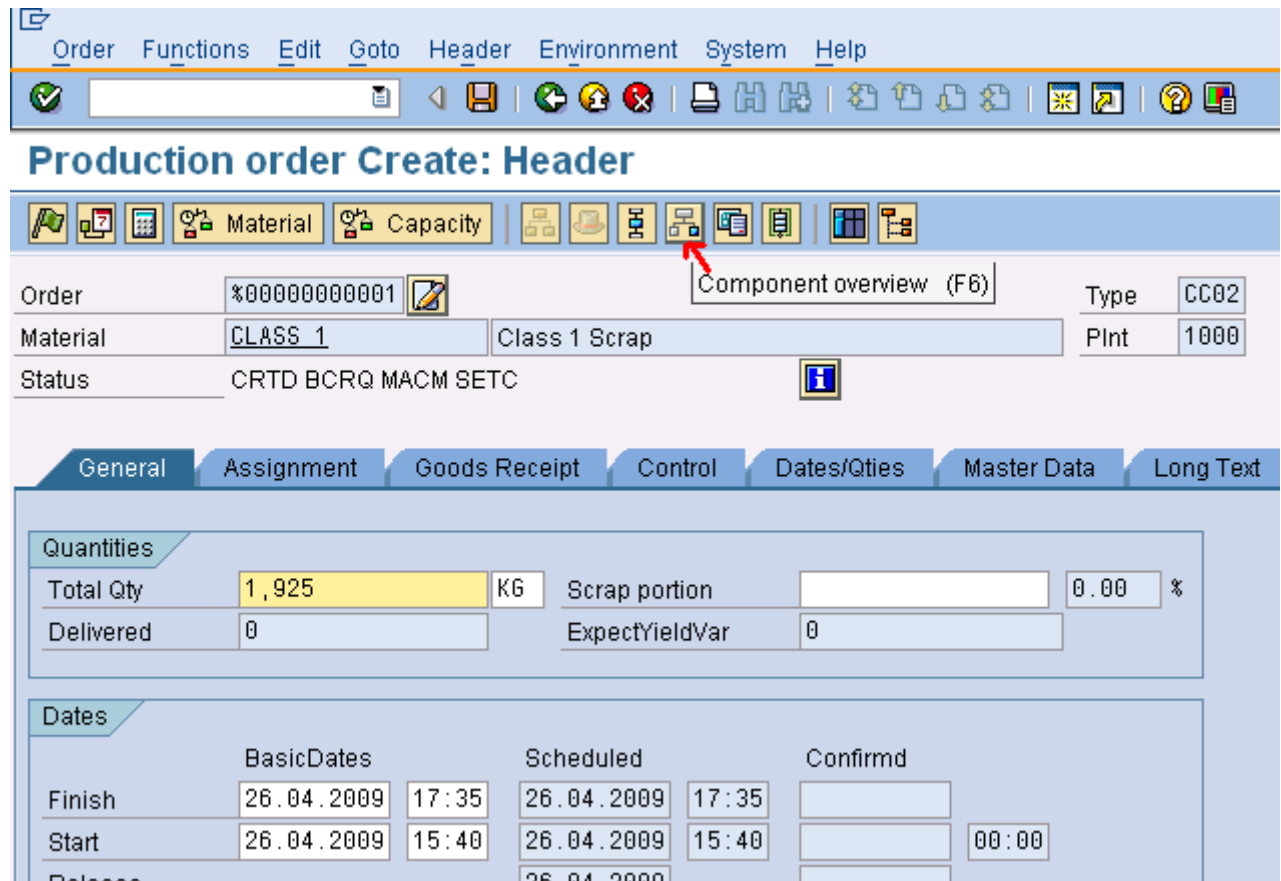


Product	Plant	Valid from	Valid to	From lot size	To lot size
BLR1	1000	22.03.2009	31.12.9999	1.000	99,999
BLR2	1000	22.03.2009	31.12.9999	1.000	99,999

Select the Baler and click choose to continue.

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

✓ All checked materials in order are available



Order Functions Edit Goto Header Environment System Help

Production order Create: Header

Order %000000000001 Component overview (F6) Type CC02

Material CLASS_1 Class 1 Scrap PInt 1000

Status CRTD BCRQ MACM SETC

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text

Quantities

Total Qty	1,925	KG	Scrap portion	0.00	%
Delivered	0		ExpectYieldVar	0	

Dates

	BasicDates		Scheduled		Confirmed	
Finish	26.04.2009	17:35	26.04.2009	17:35		
Start	26.04.2009	15:40	26.04.2009	15:40		00:00
Release	26.04.2009		26.04.2009			

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

Order Functions Edit Goto Component Environment System Help

Production Order Create: Component Overview

Material CLASS_1 Class 1 Scrap Plant 1000

Order %000000000001 Type CC02

Filter NO_FIL No Filter Sorting ST_STA Standard Sort

Item	Component	Description	Reqmt Qty	U	It	Op	Seq	Plant	Stor
0010	8500	Steel Tin Plate Scrap	1,925	KG	L	0010	0	1000	1301
0020									
0030									

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

Order Functions Edit Goto Header Environment System Help

Production order Create: Header

Release Order (Ctrl+F1) 0001 Type CC02

Material CLASS_1 Class 1 Scrap Plant 1000

Status CRTD BCRQ MACM SETC

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text

Quantities


Total Qty 1,925 KG Scrap portion 0.00 %

Delivered 0 ExpectYieldVar 0


Dates

	BasicDates	Scheduled	Confirmed
Finish	26.04.2009 17:35	26.04.2009 17:35	
Start	26.04.2009 15:40	26.04.2009 15:40	00:00
Release		26.04.2009	

Release the order by clicking the above button.


 Release carried out


And Save 



















 Order number 6000107 saved

5.2 Production Order – Confirmation (For Order)


SAP R/3 Menu	Logistic <input type="checkbox"/> Production <input type="checkbox"/> Shop Floor Control <input type="checkbox"/> Confirmation <input type="checkbox"/>
Transaction code	C015


Confirmation Edit Goto Parameters Selection System Help



Enter Production Order Confirmation: Initial Screen

Order


Enter the production order number and press enter.

Confirmation Edit Goto Parameters Selection System Help

Confirmation of Production Order Enter : Actual Data

Goods Movements

Order: [Goods Movements Overview (Shift+F6)] EL PRC BCRQ MACM SETC

Material Number: CLASS 1 Class 1 Scrap

Confirmation Type

☒ Partial Confirm.
 ☐ Final Confirm.
 ☐ Aut. Final Conf.
 ☐ Clear Reservation

Actual Data

	Current to Confirm	Unit	Confirmed to Date	Planned t/b Conf.	Unit
Yield to conf.	1,925	KG	0	1,925	KG
Confirmed scrap			0	0	
Rework			0		
Reason for Var.					

Personnel no. []

Shift: 3 Second

	To Be Confirmed	Confirmed to Date	Planned t/b Conf.
Execution start	26.04.2009 15:10:29		26.04.2009
Finish Execut.	26.04.2009 15:10:29		26.04.2009
Posting date	26.04.2009		

Confirm. text [] ☐ Long Text Exists

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,

List Edit Goto Component Environment System Help

Confirmation of Production Order Enter : Goods Movements


Order: 6000107 Status: REL PRC BCRQ MACM SETC


Material Number: CLASS 1 Class 1 Scrap

Goods movements overview

Material	Quantity	U	Plant	Stor	Batch	Valuation T.	D.	M.	S.	Vend
CLASS 1	1,925	KG	1000	1301			S	101		
8500	1,925	KG	1000	1301			H	261		


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)


 List Edit Goto Component Environment System Help




Confirmation of production order Create : Material overview

Order Status: REL PRC BCRQ MACM SETC
Material Number Class 1 Scrap

Goods Movements Overview										
Material	Quantity	U...	Plant	Stor...	Batch	Valuation T...	Supply Area	Item	D...	M...
CLASS 1	1,925	KG	1000	1301	444				S	101
8500	1,925	KG	1000	1301				10	H	261

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

 Confirmation saved (Goods movements: 2, failed: 0)


Check the stock from the transaction MMBE.

List Edit Goto Extras Environment System Help	
Stock Overview: Basic List	
<div>Selection</div> <div> Material: CLASS 1 Class 1 Scrap Material Type: 9SRP SCRAP/BYPRODUCT Unit of Measure: KG Base Unit of Measure: KG </div>	
Stock Overview	
<div>Client/Company Code/Plant/Storage Location/Batch/Special Stock</div> <div> Full 1000 CCMC 1000 CCMC 1301 Pall.Metal Scrap </div>	
Unrestricted use	
10,677.000	
10,677.000	
10,677.000	
10,677.000	
1,925.000	
1,078.000	
1,800.000	
999.000	
1,005.000	
1,009.000	
1,000.000	
1,500.000	
180.000	
181.000	


6 Rework Process

6.1 Production Order – Creation


SAP R/3 Menu	Logistic <input type="checkbox"/> Production <input type="checkbox"/> Shop Floor Control <input type="checkbox"/> Order <input type="checkbox"/> Create <input type="checkbox"/> With material
Transaction code	CO01



Production Order Create: Initial Screen

Material	p20468
Production Plant	1000
Planning Plant	
Order Type	CC03 
Order	

Copy from

Order		
-------	--	---

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

Order Functions Edit Goto Header Environment System Help

Production order Create: Header

Material P20468 PEPSI STANDARD 250 ml AQS

Type CC03

Pint 1000

Status

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text Administration

Quantities

Total Qty 2 PA

Delivered 0.0

Base quantity 0 EA

Dates

BasicDates

Finish 00:00

Start 26.04.2009 21:55

Release

Scheduling

Type 5 Forwards in time

Reduction

Note No scheduling note

Select Production Version for Material P20468 Plant 1000

Product	Plant	Valid from	Valid to	From lot size	To lot size
LIN2	1000	22.03.2009	31.12.9999	1.000	99,999
RWK2	1000	20.04.2009	31.12.9999	1.000	99,999

Choose Versions: overview Order Selection criteria

Choose (F2) se period Workdays

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.

Order Functions Edit Goto Header Environment System Help

Production order Create: Header

Material Capacity

Order %000000000001 Component overview (F6) Type CC03

Material P20468 PEPSI STANDARD 250 ml AQS Plnt 1000

Status CRTD MSPT SETC

General Assignment Goods Receipt Control Dates/Qties Master Data Long Tex

Quantities

Total Qty	2.0	PAL	Scrap portion	0.00	%
Delivered	0.0		ExpectYieldVar	0.0	
Base quantity	19,958	EA			

Dates

	BasicDates		Scheduled		Confirmed	
Finish	26.04.2009	21:58	26.04.2009	21:58		
Start	26.04.2009	21:55	26.04.2009	21:55		00:00
Release			26.04.2009			

Scheduling

Type 5 Forwards in time

Floats

Scheduling margin 001

From the tool bar option, click the component overview:

Order Functions Edit Goto Component Environment System Help

Production Order Create: Component Overview

Order: %000000000001 Type: CC03
 Material: P20468 PEPSI STANDARD 250 ml AQS Plant: 1000

Filter: NO_FIL No Filter Sorting: ST_STA Standard Sort

Component Overview

Item	Component	Description	Reqmt Qty	U	It	Op	Seq	Plant	Stor	Batch
0010	P20468	PEPSI STANDARD 250 ml AQS	19,958	EA	L	0010	0	1000	1100	
0020	50002	Layer Pad (Non-Returnable)	339,286	EA	L	0010	0	1000	1204	
0030	50001	Stretch Wrapper	598,740	M	L	0010	0	1000	1204	

Component P20468: Plants/Storage Locs (1) 3 Entries found

Restrictions

Plnt	SLoc	Description	Unrestricted	Unrestr. Cons...
1000		CCMC	360,241.900	0.000
1000	1100	Finished Goods	286,397.300	0.000
1000	1101	HFI Area	73,844.600	0.000

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 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)

Production Order Create: Component Overview

Order Functions Edit Goto Component Environment System Help

Order: %000000000001 Type: CC03
 Material: P20468 PEPSI STANDARD 250 ml AQS Plant: 1000

Filter: NO_FIL No Filter Sorting: ST_STA Standard Sort

Component Overview

Item	Component	Description	Reqmt Qty	U	It	Op	Seq	Plant	Stor	Batch
0010	P20468	PEPSI STANDARD 250 ml AQS	19,958	EA	L	0010	0	1000	1101	
0020	50002	Layer Pad (Non-Returnable)	339,286	EA	L	0010	0	1000	1204	
0030	50001	Stretch Wrapper	598,740	M	L	0010	0	1000	1204	

Now it was changed as 1101 – HFI area.

Order Functions Edit Goto Header Environment System Help



Production order Create: Header

Material: P20468 PEPSI STANDARD 250 ml AQS
 Type: CC03
 Plant: 1000
 Status: REL PRC MACM SETC

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text Administration **Additional Data**

Customer: 0000100000 AQS

In the additional data tab, enter the Customer number.

Then come back, release the order , and save 

✓ Order number 6000109 saved

6.2 Production Order – Confirmation (Partial - Pallet wise)

SAP R/3 Menu	Z Transaction
Transaction code	ZPCNF

Production Order Confirmation

Order Number	6000109		Date	26.04.2009
Material	P20468		Time	22:10:12
Can Size	250ML		Shift	B
Customer	100000	AQS	Line	RWK2
Order Quan	2.000			
Target Quan	2.000			
Confirm.Quan	1.000			
UOM	PAL			

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



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

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.

Production Order Confirmation

Print

OutputDevice: LP01 Vinod - IT Help Desk

Page selection

Spool Request

Name: SMART LP01 RENGARAJAN

Title

Authorization

Spool Control

☒ Print immediately

☒ Delete After Output

☒ New Spool Request

☐ Close Spool Request

Spool retention pd: 8 Day(s)

Storage Mode: 1 Print only

Number of Copies

Number: 1

☐ Group (1-1-1,2-2-2,3-3-3,...)

Cover Page Settings

SAP cover page: Do Not Print

Recipient

Department

Print Print preview

Print (Ctrl+P)

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

<p>A Quality Product of:</p>  <p>شركة إنتاج صناديق العلب المحدودة Consolidated Can Manufacturing Co. Ltd. Manufacturing 2 Pc. Beverage & Juice Cans P.O.Box.: 12168, Jeddah 21473 - Saudi Arabia Tel.: 00966 2 6083555 - Fax.: 00966 2 6083535</p>	
<h3><u>STEEL BEVERAGE CANS</u></h3>	
Customer:	AQS
Label:	P20468
Can size:	250ML
Quantity:	9979 EA
Date:	26.04.2009
Shift:	B
Time:	22:10:12
Pallet No.:	092-00000033
	

7 Annual Planning

7.1 Planned Independent Requirements - Creation

SAP R/3 Menu	Logistic <input type="checkbox"/> Production <input type="checkbox"/> Production Planning <input type="checkbox"/> Demand Management <input type="checkbox"/> Planned Independent Requirements <input type="checkbox"/> Create
Transaction code	MD61



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Planned indep.reqmts Edit Goto Settings System Help

Create Planned Independent Requirements: Initial Screen

User Parameters

Planned independent requirements for

☐ Material

☒ Product group CCMC1

☐ Reqmts Plan

Plant 1000

Define version

Version YP CCMC YEARLY PLAN

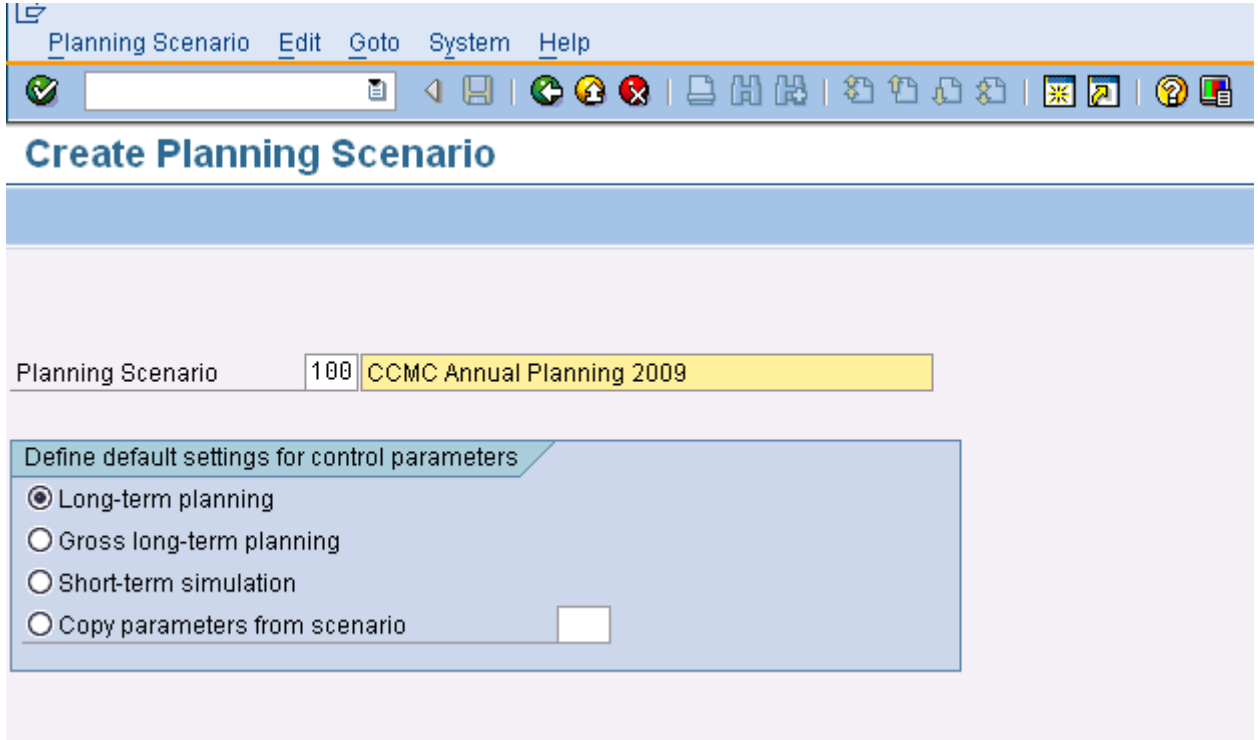
Planning horizon

From 01.01.2009 To 30.12.2009 Planning period M Month

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 <input type="checkbox"/> Production <input type="checkbox"/> Production Planning <input type="checkbox"/> Long-Term Planning <input type="checkbox"/> Planning Scenario <input type="checkbox"/> Create
Transaction code	MS31

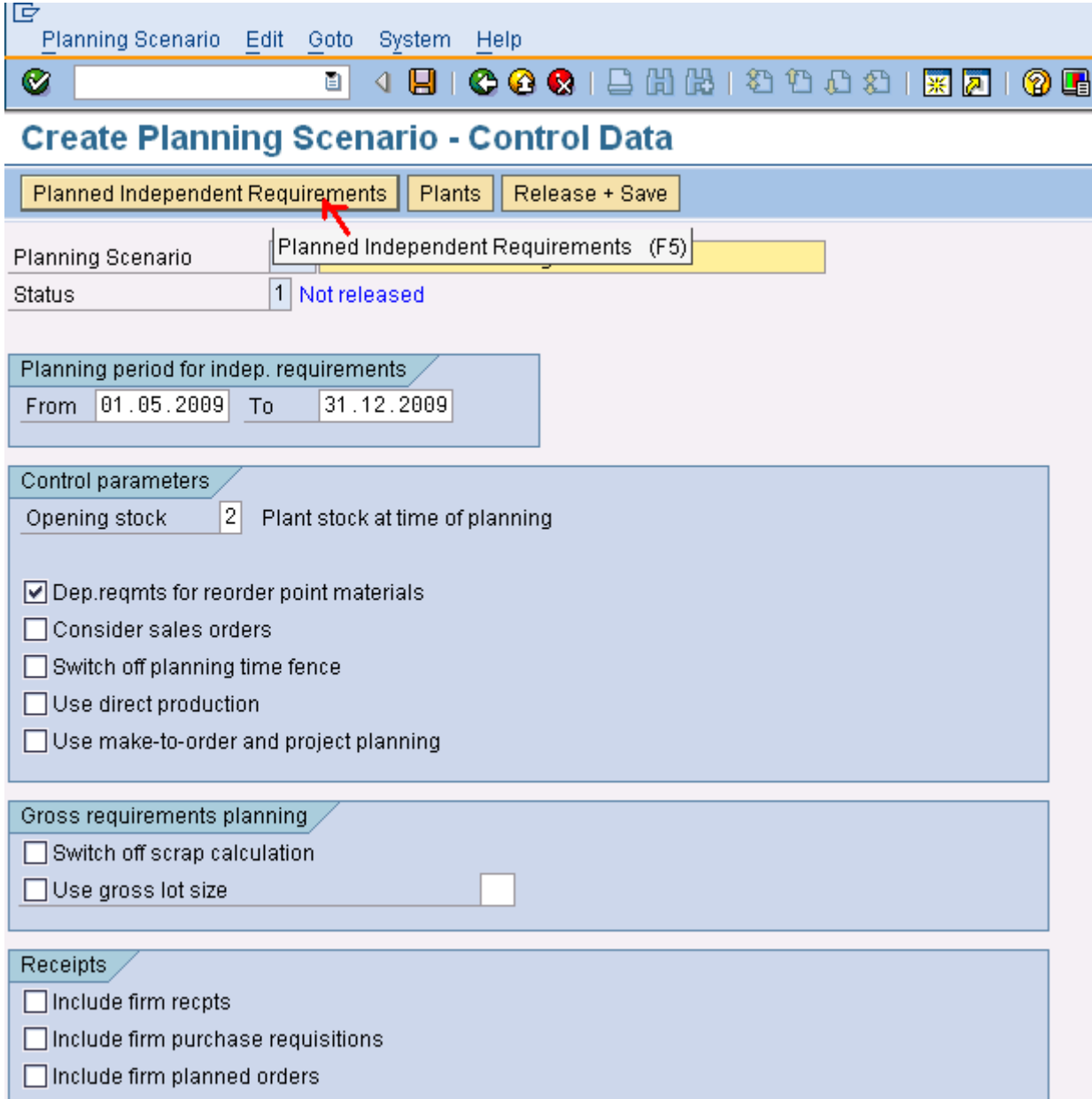


Planning Scenario 100 CCMC Annual Planning 2009

Define default settings for control parameters

- ☒ Long-term planning
- ☐ Gross long-term planning
- ☐ Short-term simulation
- ☐ Copy parameters from scenario

Enter Planning Scenario and description, then press enter



Planning Scenario Edit Goto System Help

Create Planning Scenario - Control Data

Planned Independent Requirements Plants Release + Save

Planning Scenario Planned Independent Requirements (F5)

Status 1 Not released

Planning period for indep. requirements

From 01.05.2009 To 31.12.2009

Control parameters

Opening stock 2 Plant stock at time of planning

☒ Dep.reqmts for reorder point materials
☐ Consider sales orders
☐ Switch off planning time fence
☐ Use direct production
☐ Use make-to-order and project planning

Gross requirements planning

☐ Switch off scrap calculation
☐ Use gross lot size

Receipts

☐ Include firm recpts
☐ Include firm purchase requisitions
☐ Include firm planned orders

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

And click Planned Independent requirements tab,



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

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 Plant stock at time of planning

Planning Scenario - Assigned Planned Ind Reqmts Versions

V	Version Text	T	Version Text	From	To
YP	CCMC YEARLY PLAN				

Confirm (F8)

Enter the version YP – CCMC Yearly Plan and confirm

Then click the plant tab,

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 Plant stock at time of planning

Planning Scenario - Assigned Planned Ind Reqmts Versions

V	Version Text	T	Version Text	From	To
YP	CCMC YEARLY PLAN				

Confirm (F8)



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

Planning Scenario Edit Goto System Help

Create Planning Scenario - Control Data

Planned Independent Requirements Plants Release + Save

Planning Scenario - Assigned Plants

Plant	Name
1000	CCMC

Confirm (F8)

Enter the plant as 1000 and confirm,

Planning Scenario Edit Goto System Help

Create Planning Scenario - Control Data

Planned Independent Requirements Plants Release + Save

Planning Scenario 100 CCMC Annual Planning 2009 Release + Save (Shift+F5)

Status 1 Not released

Planning period for indep. requirements

From 01.05.2009 To 31.12.2009

Enter the Release + Save tab
After further confirmations, save



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

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 Plan

☒ 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

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 Plan

☒ Dep.reqmts for reorder po
☐ Consider sales orders
☐ Switch off planning time fe
☐ Use direct production
☐ Use make-to-order and pr

Create Planning File Entries

Planning file entries will now be created for the allocated plants.
Planning file entries created

Should the planning file entries be created either immediately or in the background?

Immediately
Background
Cancel

✓ Planning scenario 100 was saved

Log Edit Goto System Help

✓

Long-term planning: Create planning file entries for scenario

?

Σ 0 0 0 4

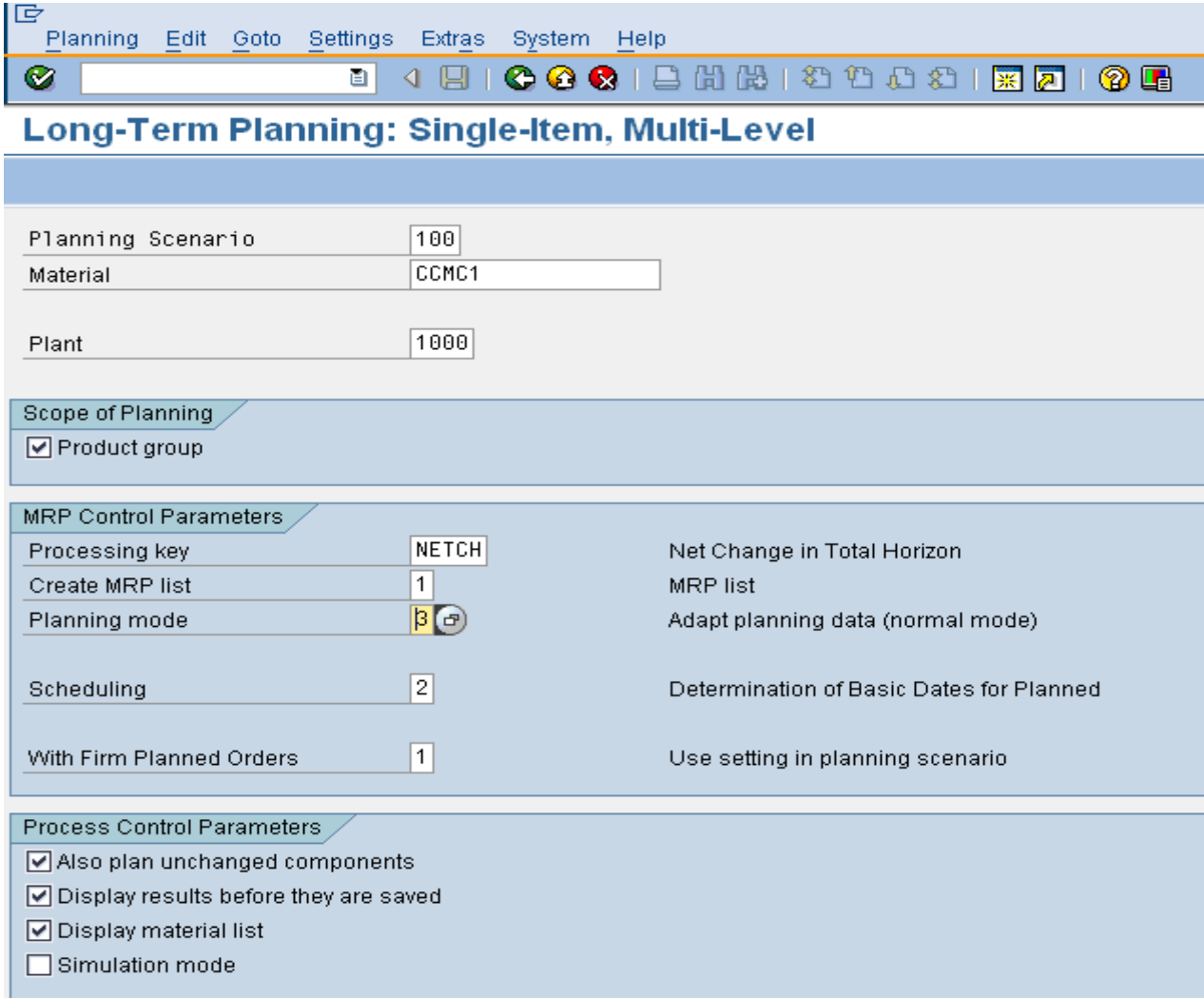
Type	Message Text
Plant: 1000	
Number of set planning file entries:	3618
Planning scenario: 100	
Total no. of plnng file entries created:	3618

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

✓ Planning scenario 100 was released and saved

7.3 LTP Run – Single Item, Multi Level

SAP R/3 Menu	Logistic <input type="checkbox"/> Production <input type="checkbox"/> Production Planning <input type="checkbox"/> Long-Term Planning <input type="checkbox"/> Long-Term Planning <input type="checkbox"/> Single Item, Multi-Level
Transaction code	MS02



The screenshot shows the SAP 'Long-Term Planning: Single-Item, Multi-Level' screen. The interface includes a menu bar (Planning, Edit, Goto, Settings, Extras, System, Help) and a toolbar with various icons. The main area is divided into several sections:

- Planning Scenario:** 100
- Material:** CCMC1
- Plant:** 1000
- Scope of Planning:**
 - ☒ Product group
- MRP Control Parameters:**
 - Processing key: NETCH (Net Change in Total Horizon)
 - Create MRP list: 1 (MRP list)
 - Planning mode: 3 (Adapt planning data (normal mode))
 - Scheduling: 2 (Determination of Basic Dates for Planned)
 - With Firm Planned Orders: 1 (Use setting in planning scenario)
- Process Control Parameters:**
 - ☒ Also plan unchanged components
 - ☒ Display results before they are saved
 - ☒ Display material list
 - ☐ Simulation mode

Enter the Planning scenario - 100

Enter the Product group which is to be planned

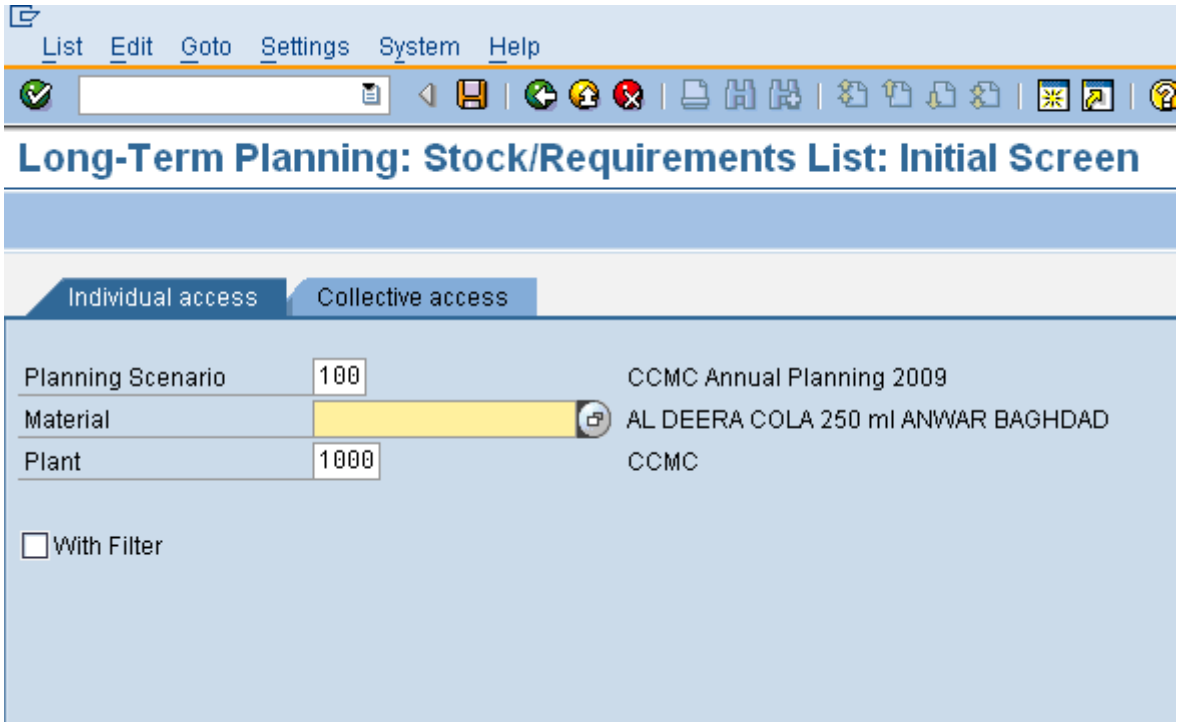
Tick the Product group box in scope of planning

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	<i>Logistic</i> <input type="checkbox"/> <i>Production</i> <input type="checkbox"/> <i>Production Planning</i> <input type="checkbox"/> <i>Long-Term Planning</i> <input type="checkbox"/> <i>Evaluations</i> <input type="checkbox"/> <i>Stock/Requirements List</i>
Transaction code	MS04



The screenshot shows the SAP Long-Term Planning: Stock/Requirements List: Initial Screen. The interface includes a menu bar with options: List, Edit, Goto, Settings, System, and Help. Below the menu bar is a toolbar with various icons. The main area has two tabs: 'Individual access' and 'Collective access'. The 'Individual access' tab is selected. The form contains the following fields:

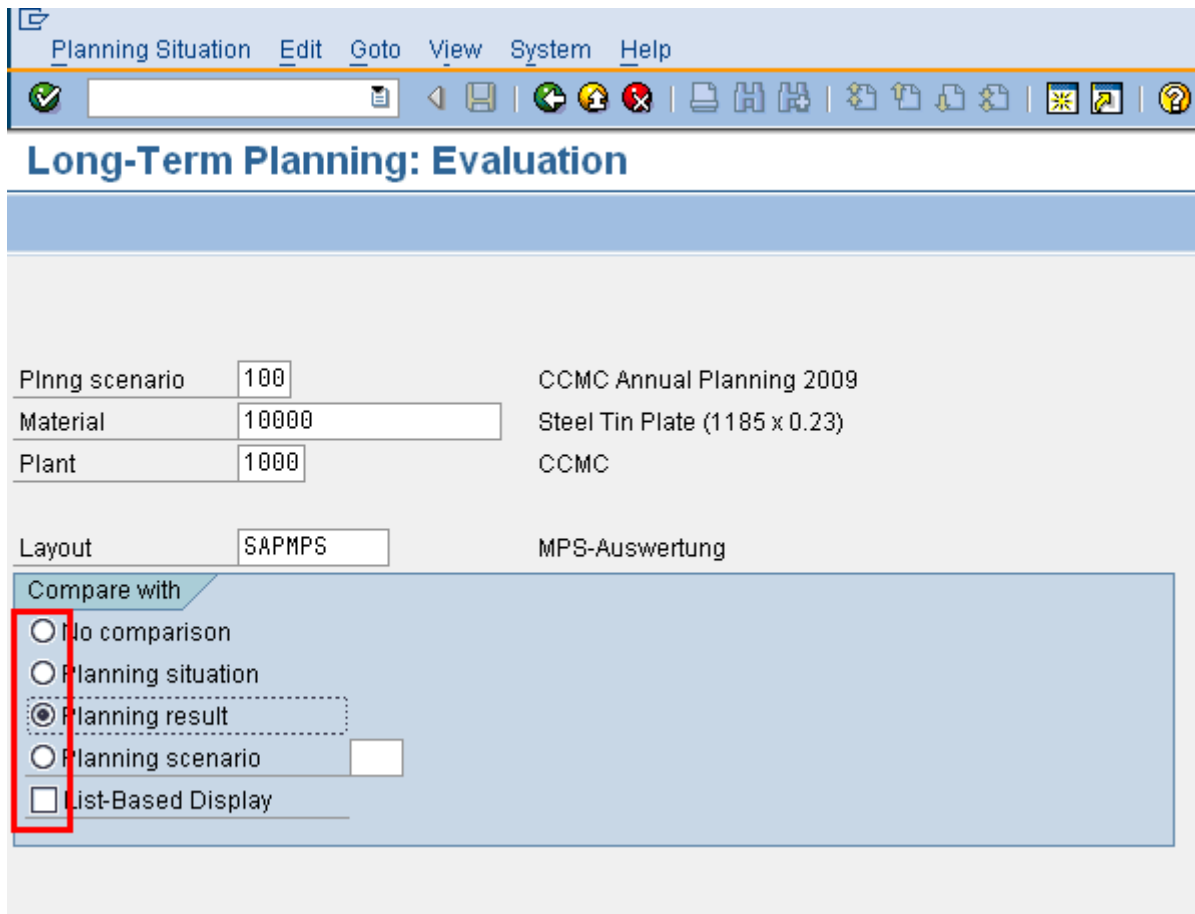
Planning Scenario	100	CCMC Annual Planning 2009
Material		AL DEERA COLA 250 ml ANWAR BAGHDAD
Plant	1000	CCMC

There is also a checkbox labeled 'With Filter' which is currently unchecked.

Enter the Material and press enter.

7.5 Planning Situation Material

SAP R/3 Menu	Logistic <input type="checkbox"/> Production <input type="checkbox"/> Production Planning <input type="checkbox"/> Long-Term Planning <input type="checkbox"/> Evaluations <input type="checkbox"/> Planning Situation Material
Transaction code	MS44





























The screenshot shows the SAP MS44 'Long-Term Planning: Evaluation' screen. The title bar includes 'Planning Situation', 'Edit', 'Goto', 'View', 'System', and 'Help'. Below the title bar is a toolbar with various icons. The main area contains the following fields and options:

- Plnng scenario:** 100
- Material:** 100000
- Plant:** 1000
- Layout:** SAPMPS
- CCMC Annual Planning 2009**
- Steel Tin Plate (1185 x 0.23)**
- CCMC**
- MPS-Auswertung**
- Compare with:**
 - ☐ No comparison
 - ☐ Planning situation
 - ☒ Planning result
 - ☐ Planning scenario
 - ☐ List-Based Display


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

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


 Planning Situation Edit Goto View System Help

Long-Term Planning: Evaluation

Material: 10000 Steel Tin Plate (1185 x 0.23) 

Plant: 1000 CCMC

Segments: Net

Planning Scenario: 100 CCMC Annual Planning 2009












List Display

Unit: Kilogram

Comparison

Compare with: Operational planning result

Warehouse Stock: 123,706.772 Warehouse Stock (c): 11,006.502

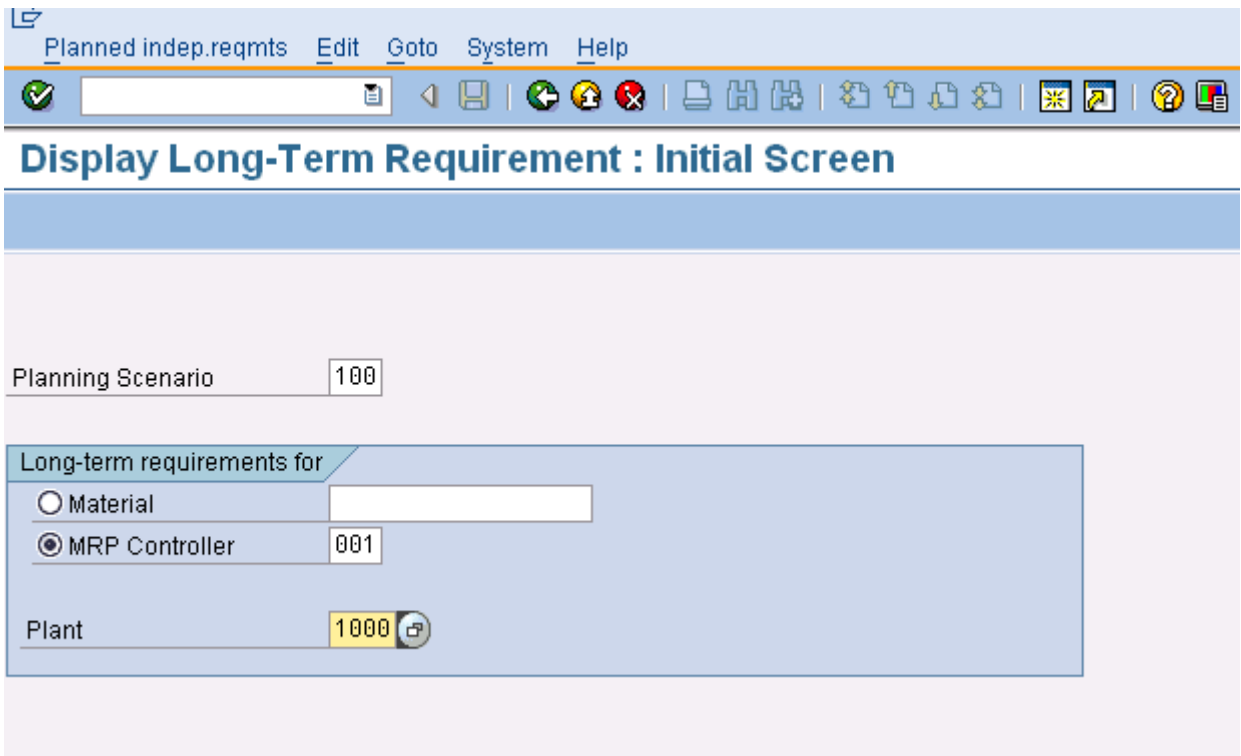












Time axis	M 04.2009	M 05.2009
▶ Receipts	0	1,190,008.840
▶ Receipts (Comparison)	0	77,225.743
▶ Issues	0	1,202,204.004-
▶ Issues (Comparativ	6,175.290-	82,056.955-
▶ Available	123,706.772	111,511.608
▶ Available (Comparison)	4,831.212	0
▶ ATP quantity	0	0
▶ ATP quantity (Comp	0	0
▶ Cumulated ATP	111,511.608	111,511.608
▶ Cumulated ATP (Co	0	0

You can analyze, by comparing with operation planning.

7.6 Long-Term Requirement - Display

SAP R/3 Menu	Logistic <input type="checkbox"/> Production <input type="checkbox"/> Production Planning <input type="checkbox"/> Long-Term Planning <input type="checkbox"/> Planned Independent Requirements <input type="checkbox"/> Requirements for Planning Scenario
Transaction code	MS65



The screenshot shows the SAP 'Display Long-Term Requirement : Initial Screen'. At the top, there is a menu bar with 'Planned indep.reqmts', 'Edit', 'Goto', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main area contains the following fields and options:


- Planning Scenario:** A text field containing '100'.
- Long-term requirements for:** A section with two radio buttons:
 - ☐ Material
 - ☒ MRP Controller
- Plant:** A text field containing '1000' with a small icon to its right.


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 <input type="checkbox"/> Production <input type="checkbox"/> Shop Floor Control <input type="checkbox"/> Information System <input type="checkbox"/> 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

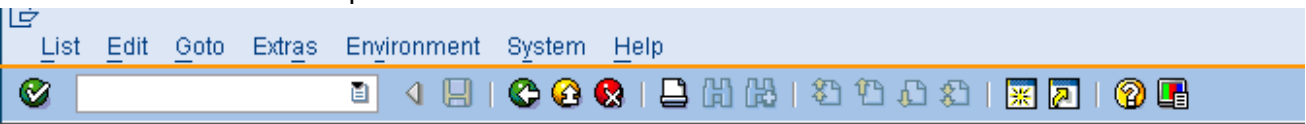
Special Stock Indicator		to		
Display version	1			
Display Unit of Measure				


☒ 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 

 List Edit Goto Extras Environment System Help




Stock Overview: Basic List



Selection

Material	P20556	MIRINDA ORANGE (Generic) 355 ml SIPCO
Material Type	FERT	Finished Product
Unit of Measure	EA	Base Unit of Measure EA

Stock Overview

 Detailed Display

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use
Full	614,959.000
1000 CCMC	614,959.000
1000 CCMC	614,959.000
1100 Finished Goods	474,169.000
1101 HFI Area	140,790.000

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

Stock Overview: Basic List

Selection

Material	P20556	MIRINDA ORANGE (Generic) 355 ml SIPCO
Material Type	FERT	Finished Product
Unit of Measure	EA	Base Unit of Measure EA

Stock Overview

Client/Company Code/Plant

- Full
 - 1000 CCMC
 - 1000 CCMC
 - 1100 F
 - 1101 H

Allowed Units of Measure

UM	Measurement unit text
EA	each
PAL	Pa11et

Unrestricted use

614,959.000
614,959.000
614,959.000
474,169.000
140,790.000

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.

Stock Overview: Basic List

Selection

Material	P20556	MIRINDA ORANGE (Generic) 355 ml SIPCO
Material Type	FERT	Finished Product
Unit of Measure	PAL	Base Unit of Measure EA

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock

- Full
 - 1000 CCMC
 - 1000 CCMC
 - 1100 Finished Goods
 - 1101 HFI Area

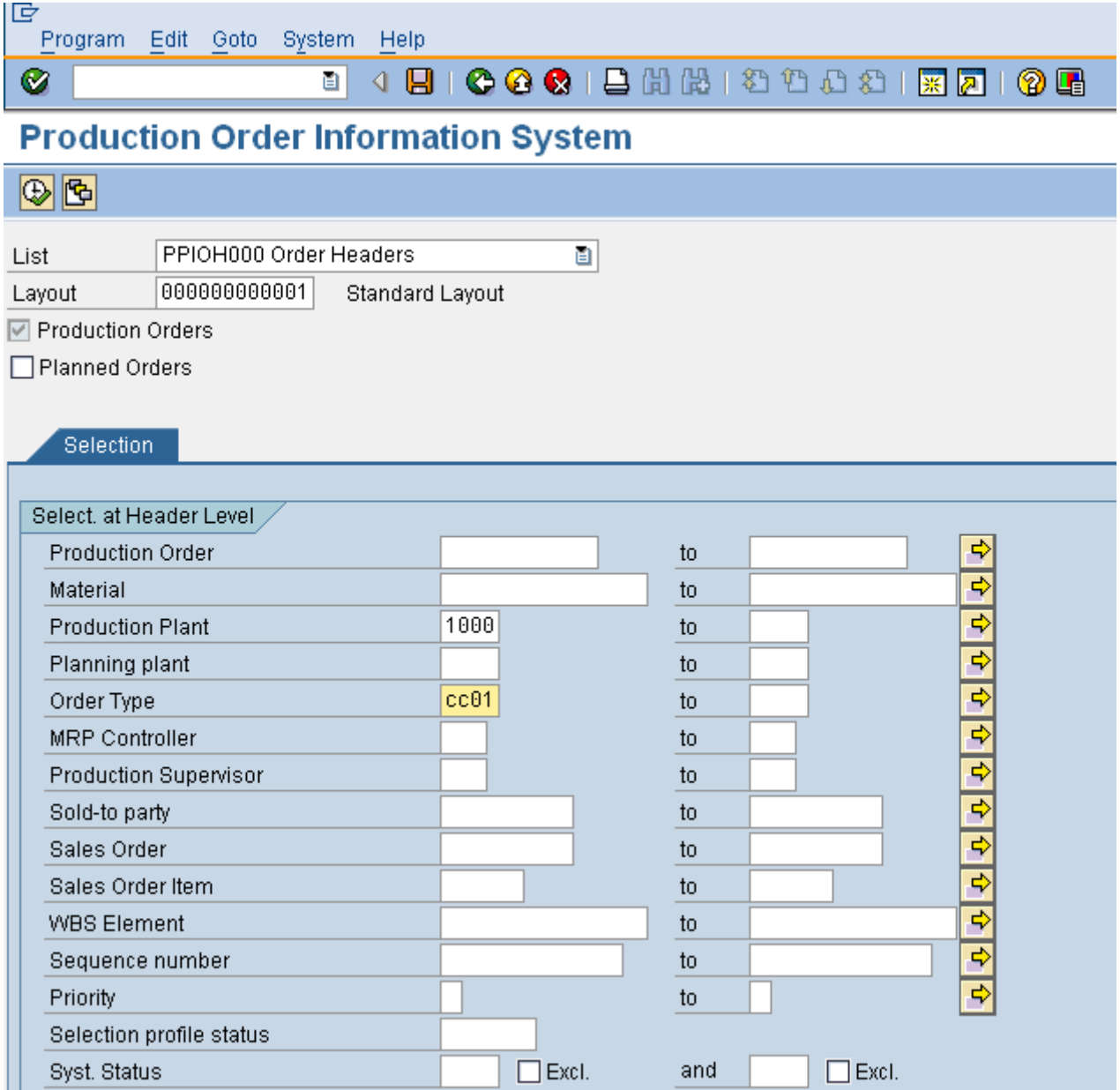
Detailed Display

Unrestricted use

82.990
82.990
82.990
63.990
19.000

8.2 Order Information System

SAP R/3 Menu	Logistic <input type="checkbox"/> Production <input type="checkbox"/> Shop Floor Control <input type="checkbox"/> Information System <input type="checkbox"/> Order Information System
Transaction code	COOIS
Variant Selection (If applicable)	NA



The screenshot shows the SAP 'Production Order Information System' selection screen. At the top, there is a menu bar with 'Program', 'Edit', 'Goto', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main title 'Production Order Information System' is displayed in a large blue font. Below the title, there are two icons (a clock and a document). The 'List' field is set to 'PPIOH000 Order Headers'. The 'Layout' field is set to '0000000000001' with the text 'Standard Layout' next to it. There are two checkboxes: 'Production Orders' (checked) and 'Planned Orders' (unchecked). Below these is a 'Selection' tab. Under the 'Selection' tab, there is a section titled 'Select. at Header Level'. This section contains a list of fields with input boxes and 'to' fields, each followed by a right-pointing arrow icon. The fields are: Production Order, Material, Production Plant (with value '1000'), Planning plant, Order Type (with value 'cc01'), MRP Controller, Production Supervisor, Sold-to party, Sales Order, Sales Order Item, WBS Element, Sequence number, Priority, Selection profile status, and Syst. Status. The 'Syst. Status' field has an 'Excl.' checkbox. At the bottom, there is an 'and' field with another 'Excl.' checkbox.

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.



شركة إنتاج صناديق العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.

CCMC - SAP Project User Manual - PP



Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017
Created : 5-Feb-17
UPDATED :

Order Info System - Order Headers

Order	Material	Icon	Order Type	MRP ctrl	ProdSched.	Plant	Target d	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.

Order Info System - Order Headers

Order	Material	Icon	Order Type	MRP ctrl	ProdSched.	Plant	Target d	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

List Edit Goto Settings Mass Processing System Help

Order Info System - Order Headers

Change Layout

Displayed Colu Sort Order Filter View Display

Displayed Columns

Column Name	
Order	
Order Type	
Material Number	
Material description	
Production Version	
Plant	
Order quantity (GMEIN)	<input type="checkbox"/>
Unit of measure (=GMEIN)	
Basic start date	
Basic finish date	
System Status	

Column Set

Column Name	
Auto Estimated Costs	
Results Analysis Key	
Processing group	
Requesting co. code	
Address number	
Change date	
Last changed by	
Change Number	
Changed at	
Request. cost center	
Priority	

☐ ☐ ☐ Save layout (F5)

Basic fin. date	Ty
30.04.2009	
02.05.2009	
29.04.2009	
30.04.2009	
30.04.2009	
29.04.2009	
29.04.2009	
02.05.2009	
29.04.2009	
26.04.2009	

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

List Edit Goto Settings Mass Processing System Help

Order Info System - Order Headers

Save layout

Save as... Save with

Layout	Layout description	Default setting
0000000000001	Standard Layout	
0000000000002	Standard Layout Dates	
0000000000003	Standard Layout of Confirmation	
0000000000004	Standard Layout Confirmation REM	
000000001001	Standard Layout Planned Order	

Save layout / z0000000001

Name: Production Order status

☐ User-specific
 ☐ Default setting

And save the layout.

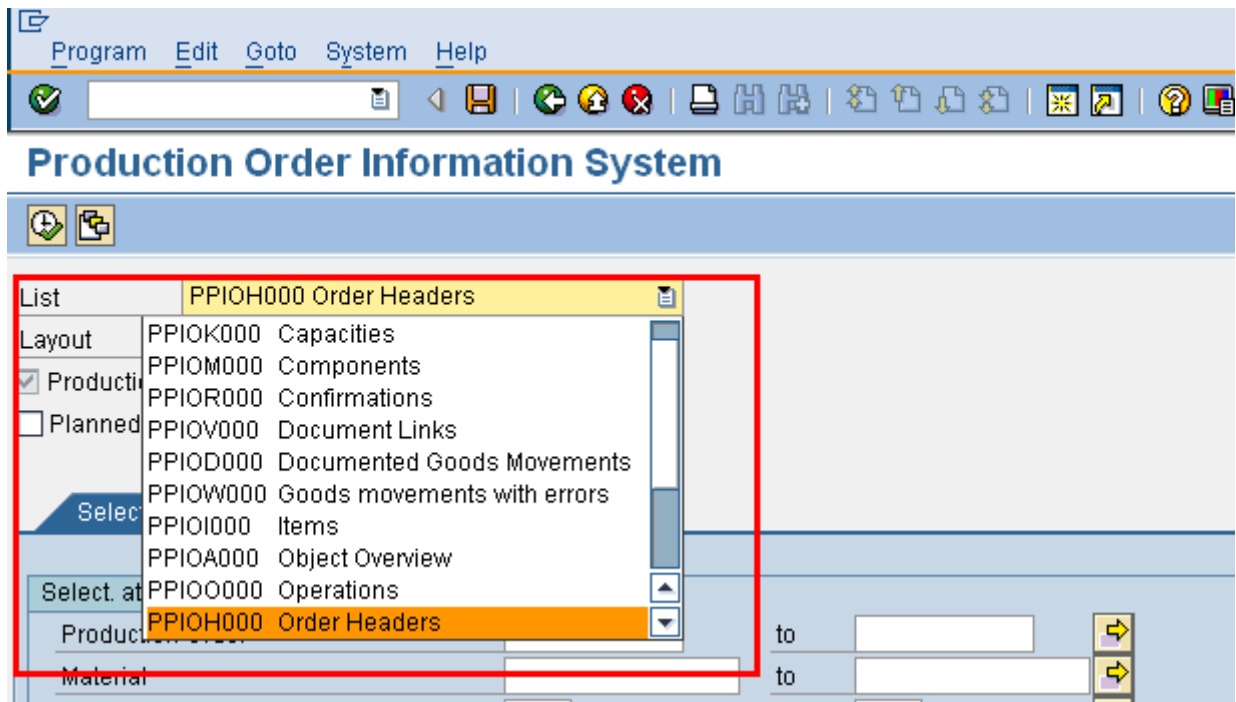
List Edit Goto Settings Mass Processing System Help

Order Info System - Order Headers

Order	Order Type	Material	Material description	Version	Plant	Target qty	Unit	Bsc start	Basic fin. date	System Status
60000007	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
60000008	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
60000004	CC01	M35501	LINDA POMEGRANATE 355 ml MSBI	LIN1		4.0	PAL	29.04.2009	29.04.2009	REL PCNF DLV PRC GMPS MACM SETC
60000005	CC01		LINDA POMEGRANATE 355 ml MSBI	LIN1		4.0	PAL	30.04.2009	30.04.2009	REL CNF DLV PRC GMPS MACM SETC
60000006	CC01		LINDA POMEGRANATE 355 ml MSBI	LIN1		1.0	PAL	30.04.2009	30.04.2009	REL PCNF DLV PRC GMPS MACM SETC
60000001	CC01	M35502	LINDA ORANGE 355 ml MSBI	LIN1		22.0	PAL	29.04.2009	29.04.2009	REL PCNF DLV PRC GMPS MACM SETC
60000002	CC01		LINDA ORANGE 355 ml MSBI	LIN2		3.0	PAL		29.04.2009	REL PCNF DLV PRC GMPS MACM SETC
60000009	CC01		LINDA ORANGE 355 ml MSBI	LIN1		4.5	PAL	02.05.2009	02.05.2009	REL CNF DLV PRC GMPS MACM SETC
60000003	CC01	M35503	FIZZY WIZZY 355 ml MSBI	LIN1		5.0	PAL	29.04.2009	29.04.2009	REL PCNF DLV PRC GMPS MACM SETC
60000000	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

Program Edit Goto System Help

Material Document List

Execute (F8)

Material	M35502	to		→
Plant	1000	to		→
Storage Location		to		→
Batch		to		→
Vendor		to		→
Customer		to		→
Movement Type	101	to		→
Special Stock		to		→

Header Data

Posting Date	01.05.2009	to	05.05.2009	→
User Name		to		→
Trans./Event Type		to		→
Reference		to		→

Display Options

Layout

Data Source

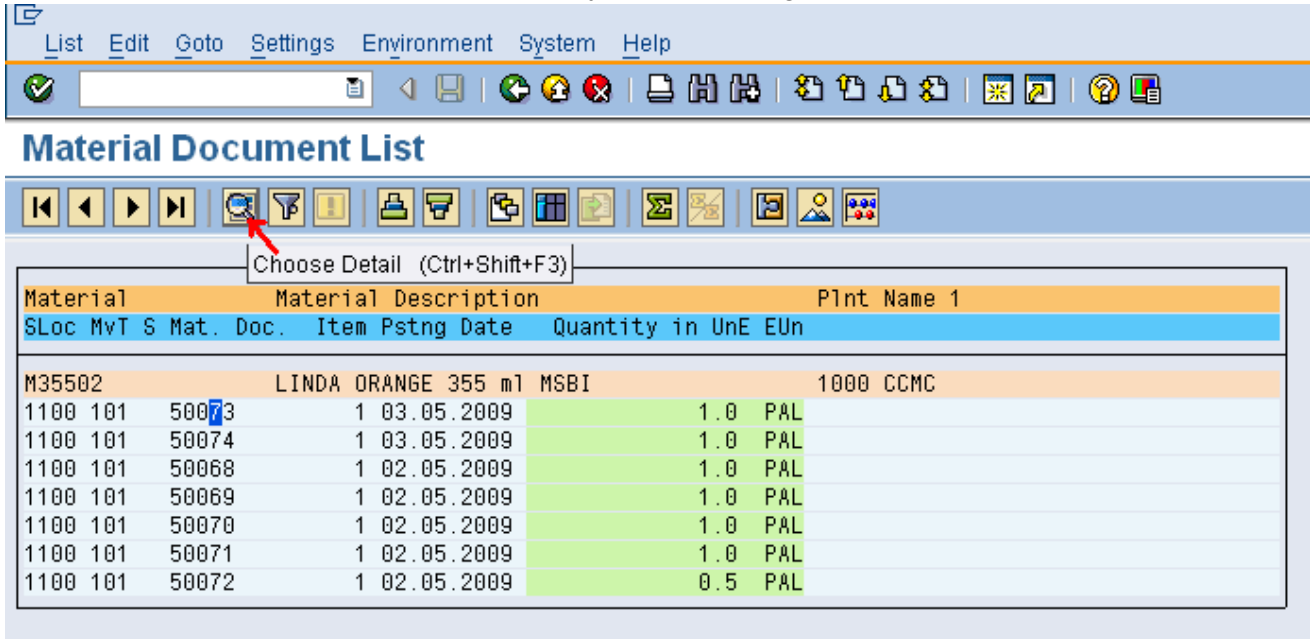
☒ Database

☐ Short Documents

☐ Reread Short Docs In Archive

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 screenshot shows the SAP Material Document List report. The menu bar includes List, Edit, Goto, Settings, Environment, System, and Help. The toolbar contains various icons for navigation and actions. The report title is "Material Document List". Below the title, there is a toolbar with icons for navigation and actions. The main table displays the following data:

Material	Material Description	Plnt Name 1
M35502	LINDA ORANGE 355 ml MSBI	1000 CCMC
1100 101 50073	1 03.05.2009	1.0 PAL
1100 101 50074	1 03.05.2009	1.0 PAL
1100 101 50068	1 02.05.2009	1.0 PAL
1100 101 50069	1 02.05.2009	1.0 PAL
1100 101 50070	1 02.05.2009	1.0 PAL
1100 101 50071	1 02.05.2009	1.0 PAL
1100 101 50072	1 02.05.2009	0.5 PAL

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:

List Edit Goto Settings System Help

Detail: Display

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:

Goods Receipt Settings System Help

Display Material Document 50073 - Rengarajan

Show Overview Hold Check Post Help

A04 Display R02 Material Docum 50073 2009

General Doc. info

Document Date 03.05.2009 Delivery Note
Posting Date 03.05.2009 Doc.Header Text
☐ 2 Individual Slip with

Line	Mat. Short Text	Qty in UnE	E	SLoc	Order	Batch	Valuation T.	M	D	Stock Type	Plnt	Sp	Se
1	LINDA ORANGE 355 ml MSBI	1.0		PAL Finished Goods	6000013					101 + Unrestricted	CCMC		

Customer

Material Quantity Where Order Data Account Assignment

Material LINDA ORANGE 355 ml MSBI M35502

Material Group 29001

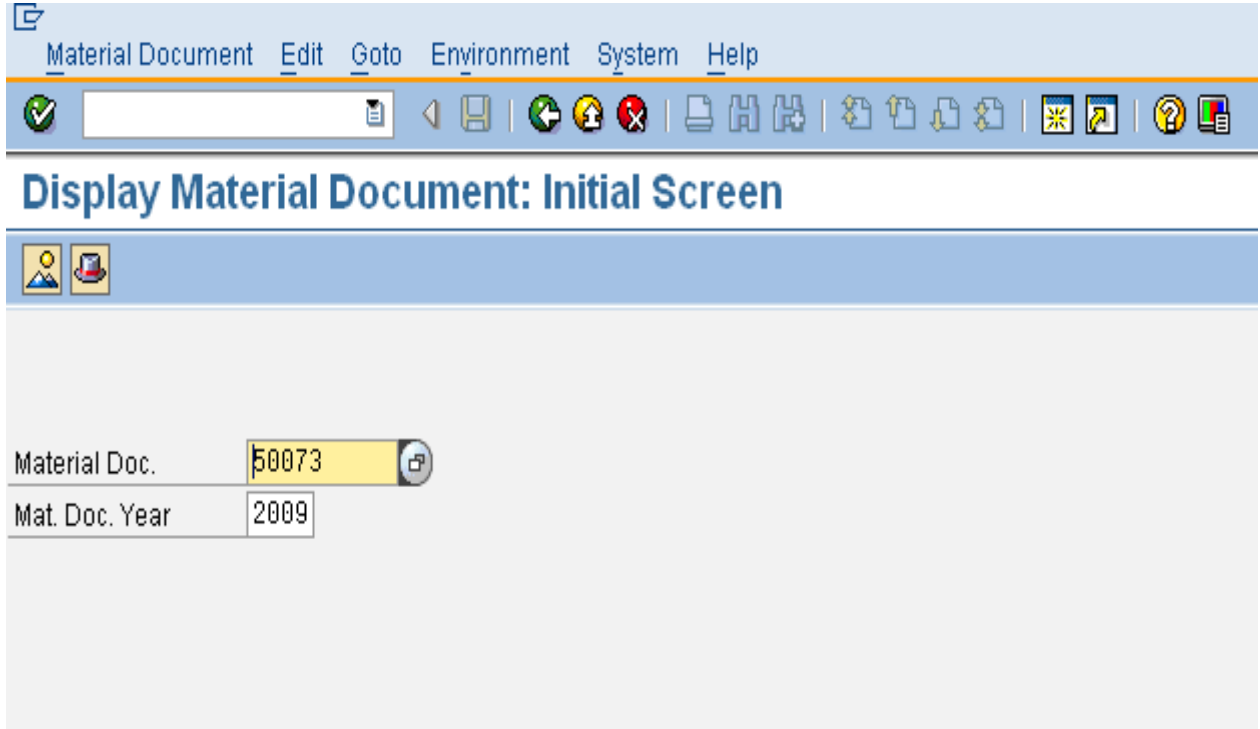
Note:

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



Material Document Edit Goto Environment System Help

Display Material Document: Initial Screen

Material Doc. 50073

Mat. Doc. Year 2009

Enter the material document number which is generated while material postings

The display of the document will be as below:



شركة إنتاج صناعات العلب المحدودة
Consolidated Can Manufacturing Co. Ltd.


CCMC - SAP Project User Manual - PP





Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0


2/5/2017

Created : 5-Feb-17
UPDATED :

 [Material Document](#) [Edit](#) [Goto](#) [Environment](#) [System](#) [Help](#)



 **Display Material Document 50073 : Overview**

 [Details from Item](#) [Material](#) [Accounting Documents...](#)

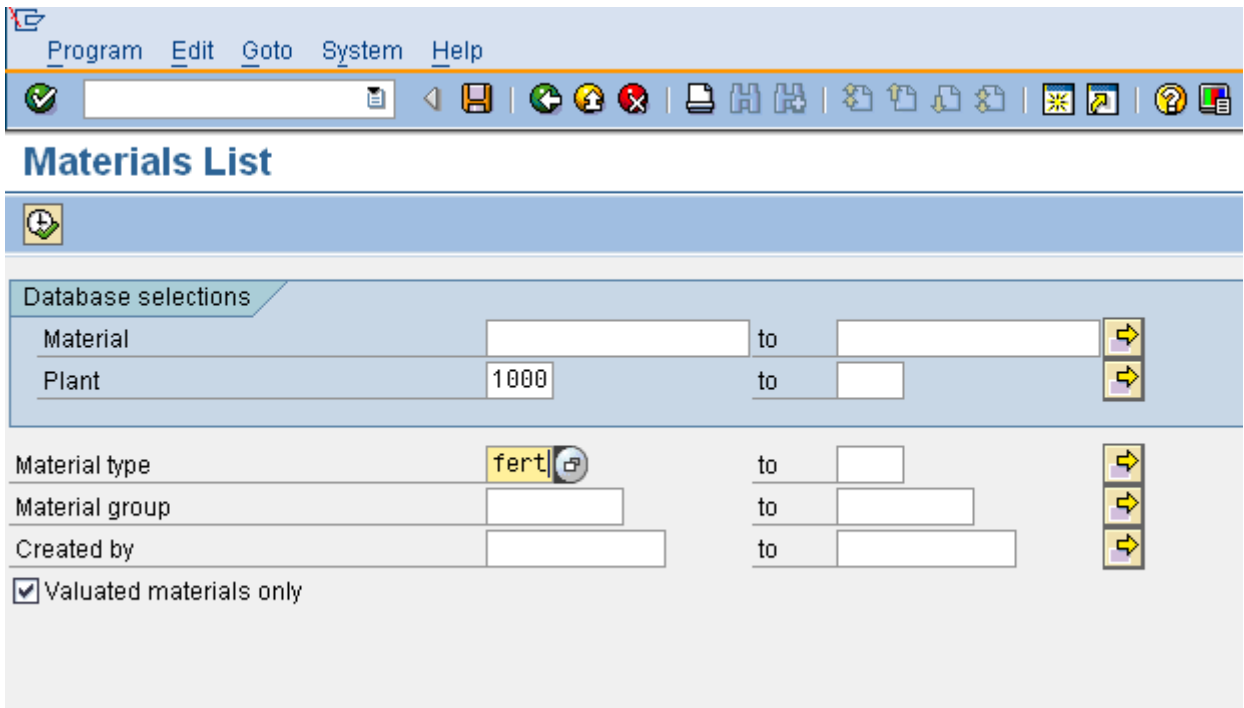
Posting Date: 03.05.2009 Name: RENGARAJAN

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	<input type="checkbox"/>
	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



The screenshot shows the SAP Materials List (MM60) transaction screen. The title bar includes menu options: Program, Edit, Goto, System, Help. Below the menu is a toolbar with various icons. The main area is titled "Materials List". Under "Database selections", there are input fields for Material, Plant, Material type, Material group, and Created by. The Plant field is set to "1000". The Material type field is set to "fert". There are "to" fields for Material, Plant, Material type, Material group, and Created by. The "Valuated materials only" checkbox is checked.

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.

CCMC - SAP Project

User Manual - PP

Created By: V.Rengarajan
Document : EUD-PP-20090425 V1.0

2/5/2017

Created : 5-Feb-17
UPDATED :

List Edit Goto Views Settings System Help

Local file... (Ctrl+Shift+F9)

Materials List

Material	Plant	Val. Type	Description	Last Chg	MType	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.